

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG No.: BF082224

Instrument ID: BNA_F Calibration Date/Time: 8/22/2024 1:10:25

Lab File ID: BF139113.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	0.856	0.835		-2.453	
Pyridine	1.417	1.467		3.529	
2-Fluorophenol	1.300	1.302		0.154	
Benzaldehyde	0.985	1.023		3.858	
Aniline	1.516	1.618		6.728	
Phenol-d6	1.680	1.722		2.5	
Phenol	1.748	1.829		4.634	20.0
bis(2-Chloroethyl) ether	1.406	1.318		-6.259	
2-Chlorophenol	1.250	1.281		2.48	
1,2-Dichlorobenzene	1.374	1.433		4.294	
1,3-Dichlorobenzene	1.503	1.526		1.53	
1,4-Dichlorobenzene	1.503	1.530		1.796	20.0
Benzyl Alcohol	1.328	1.390		4.669	
2-Methylphenol	1.070	1.104		3.178	
2,2-oxybis(1-Chloropropane)	1.980	1.907		-3.687	
Acetophenone	0.511	0.529		3.523	
3+4-Methylphenols	1.386	1.446		4.329	
n-Nitroso-di-n-propylamine	1.103	1.099	0.050	-0.363	
Nitrobenzene-d5	0.343	0.430		25.364	
Hexachloroethane	0.527	0.545		3.416	
Nitrobenzene	0.382	0.456		19.372	
Isophorone	0.730	0.769		5.342	
2-Nitrophenol	0.110	0.165		50.0	20.0
2,4-Dimethylphenol	0.231	0.241		4.329	
bis(2-Chloroethoxy) methane	0.426	0.434		1.878	
2,4-Dichlorophenol	0.288	0.307		6.597	20.0
1,2,4-Trichlorobenzene	0.337	0.346		2.671	
Benzoic acid	0.167	0.241		44.311	
Naphthalene	1.014	1.047		3.254	
4-Chloroaniline	0.347	0.371		6.916	
Hexachlorobutadiene	0.220	0.225		2.273	20.0
Caprolactam	0.091	0.101		10.989	
4-Chloro-3-methylphenol	0.319	0.347		8.777	20.0
2-Methylnaphthalene	0.650	0.690		6.154	
Hexachlorocyclopentadiene	0.210	0.237	0.050	12.857	
2,4,6-Trichlorophenol	0.370	0.398		7.568	20.0
2-Fluorobiphenyl	1.261	1.281		1.586	
2,4,5-Trichlorophenol	0.379	0.405		6.86	
1,1-Biphenyl	1.370	1.435		4.745	

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Lab File ID: BF139113.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	1.113	1.126		1.168	
2-Nitroaniline	0.262	0.382		45.802	
Dimethylphthalate	1.235	1.349		9.231	
Acenaphthylene	1.595	1.661		4.138	
2,6-Dinitrotoluene	0.206	0.302		46.602	
3-Nitroaniline	0.213	0.287		34.742	
Acenaphthene	1.053	1.120		6.363	20.0
2,4-Dinitrophenol	0.074	0.126	0.050	70.27	
4-Nitrophenol	0.187	0.237	0.050	26.738	
Dibenzofuran	1.530	1.624		6.144	
2,4-Dinitrotoluene	0.250	0.401		60.4	
Diethylphthalate	1.223	1.358		11.038	
4-Chlorophenyl-phenylether	0.611	0.646		5.728	
Fluorene	1.223	1.284		4.988	
4-Nitroaniline	0.219	0.299		36.53	
4,6-Dinitro-2-methylphenol	0.064	0.106		65.625	
n-Nitrosodiphenylamine	0.592	0.610		3.041	20.0
Azobenzene	1.360	1.468		7.941	
2,4,6-Tribromophenol	0.181	0.215		18.785	
4-Bromophenyl-phenylether	0.212	0.224		5.66	
Hexachlorobenzene	0.227	0.240		5.727	
Atrazine	0.181	0.194		7.182	
Pentachlorophenol	0.145	0.172		18.621	20.0
Phenanthrene	1.017	1.033		1.573	
Anthracene	0.994	1.020		2.616	
Carbazole	0.928	0.936		0.862	
Di-n-butylphthalate	1.076	1.151		6.97	
Fluoranthene	1.085	1.085		0.0	20.0
Benzidine	0.413	0.566		37.046	
Pyrene	1.669	1.842		10.365	
Terphenyl-d14	1.205	1.390		15.353	
Butylbenzylphthalate	0.577	0.686		18.891	
3,3-Dichlorobenzidine	0.367	0.408		11.172	
Benzo(a)anthracene	1.315	1.390		5.703	
Chrysene	1.192	1.225		2.768	
Bis(2-ethylhexyl)phthalate	0.765	0.901		17.778	
Di-n-octyl phthalate	1.074	1.290		20.112	20.0
Benzo(b)fluoranthene	1.304	1.315		0.844	
Benzo(k)fluoranthene	1.086	1.167		7.459	

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Instrument ID: BNA_F Calibration Date/Time: 8/22/2024 1:10:25

Lab File ID: BF139113.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.030	1.086		5.437	20.0
Indeno(1,2,3-cd)pyrene	1.171	1.319		12.639	
Dibenzo(a,h)anthracene	0.961	1.099		14.36	
Benzo(g,h,i)perylene	0.969	1.083		11.765	
1,2,4,5-Tetrachlorobenzene	0.609	0.581		-4.598	
1,4-Dioxane	0.558	0.567		1.613	20.0
2,3,4,6-Tetrachlorophenol	0.305	0.351		15.082	
1-Methylnaphthalene	0.627	0.657		4.785	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	8/16/2024 12:00:00 AM	
Project:				Date Received:	8/16/2024 12:00:00 AM	
Client Sample ID:	PB162782BL			SDG No.:	BF082224	
Lab Sample ID:	PB162782BL			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
BF139114.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

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

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162782BL	SDG No.:	BF082224
Lab Sample ID:	PB162782BL	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
BF139114.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

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

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162782BL	SDG No.:	BF082224
Lab Sample ID:	PB162782BL	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
BF139114.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.606		18-112		92	SPK: -150
13127-88-3	Phenol-d6	139.256		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	119.862	*	18-107		120	SPK: -100
321-60-8	2-Fluorobiphenyl	96.687		20-109		97	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162782BL	SDG No.:	BF082224
Lab Sample ID:	PB162782BL	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
BF139114.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.473		10-116		110	SPK: -150
1718-51-0	Terphenyl-d14	91.211		10-105		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86825	6.898				
1146-65-2	Naphthalene-d8	330923	8.175				
15067-26-2	Acenaphthene-d10	195333	9.934				
1517-22-2	Phenanthrene-d10	369564	11.416				
1719-03-5	Chrysene-d12	295723	14.057				
1520-96-3	Perylene-d12	242965	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.287	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.14	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	67	J			17.198	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BS	SDG No.:	BF082224
Lab Sample ID:	PB162687BS	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
BF139115.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.3		1	8	10	ug/L
110-86-1	Pyridine	41.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	45.1		4	8	10	ug/L
62-53-3	Aniline	48.2		1.6	4	5	ug/L
108-95-2	Phenol	48.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.8		1.4	4	5	ug/L
98-86-2	Acetophenone	47.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.9		1	4	5	ug/L
98-95-3	Nitrobenzene	52.8		1.3	4	5	ug/L
78-59-1	Isophorone	49.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	57.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	58		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.6		5.5	8	10	ug/L
91-20-3	Naphthalene	46.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BS	SDG No.:	BF082224
Lab Sample ID:	PB162687BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139115.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	55		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	53		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	54		0.81	4	5	ug/L
Total PAH	Total PAH	798.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	58.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.1		0.98	4	5	ug/L
86-73-7	Fluorene	47.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	62.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.1		0.89	4	5	ug/L
103-33-3	Azobenzene	49.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.9		1.1	4	5	ug/L
1912-24-9	Atrazine	55.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BS	SDG No.:	BF082224
Lab Sample ID:	PB162687BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139115.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48		0.89	4	5	ug/L
120-12-7	Anthracene	50		1.1	4	5	ug/L
86-74-8	Carbazole	46.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.6		1.3	4	5	ug/L
92-87-5	Benzidine	77.2		4.1	8	10	ug/L
129-00-0	Pyrene	51.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	57		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.94	4	5	ug/L
218-01-9	Chrysene	50.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	57.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.881		10-139		88	SPK: -150
13127-88-3	Phenol-d6	132.463		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	115.015		49-133		115	SPK: -100
321-60-8	2-Fluorobiphenyl	90.967		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BS	SDG No.:	BF082224
Lab Sample ID:	PB162687BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139115.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.484		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	109.662		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97452	6.898				
1146-65-2	Naphthalene-d8	363464	8.181				
15067-26-2	Acenaphthene-d10	218661	9.939				
1517-22-2	Phenanthrene-d10	399434	11.421				
1719-03-5	Chrysene-d12	238276	14.062				
1520-96-3	Perylene-d12	208759	15.539				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BSD	SDG No.:	BF082224
Lab Sample ID:	PB162687BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139116.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.5		1	8	10	ug/L
110-86-1	Pyridine	40.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	45.4		4	8	10	ug/L
62-53-3	Aniline	47.2		1.6	4	5	ug/L
108-95-2	Phenol	47.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.2		1.4	4	5	ug/L
98-86-2	Acetophenone	46.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.6		1	4	5	ug/L
98-95-3	Nitrobenzene	52.3		1.3	4	5	ug/L
78-59-1	Isophorone	48.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	57.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.4		5.5	8	10	ug/L
91-20-3	Naphthalene	45.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BSD	SDG No.:	BF082224
Lab Sample ID:	PB162687BSD	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
BF139116.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	56.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	53.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	54.5		0.81	4	5	ug/L
Total PAH	Total PAH	790.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	58.6		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.9		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.4		0.98	4	5	ug/L
86-73-7	Fluorene	47.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	63.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.5		0.89	4	5	ug/L
103-33-3	Azobenzene	48.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.2		1.1	4	5	ug/L
1912-24-9	Atrazine	56.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BSD	SDG No.:	BF082224
Lab Sample ID:	PB162687BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139116.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.8		0.89	4	5	ug/L
120-12-7	Anthracene	49.6		1.1	4	5	ug/L
86-74-8	Carbazole	46.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.4		1.3	4	5	ug/L
92-87-5	Benzidine	75.8		4.1	8	10	ug/L
129-00-0	Pyrene	49.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49		0.94	4	5	ug/L
218-01-9	Chrysene	50.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	56.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.797		10-139		87	SPK: -150
13127-88-3	Phenol-d6	130.73		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	113.851		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	91.459		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162687BSD	SDG No.:	BF082224
Lab Sample ID:	PB162687BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139116.D	1	8/13/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.024		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	105.677		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98594	6.898				
1146-65-2	Naphthalene-d8	365831	8.181				
15067-26-2	Acenaphthene-d10	213614	9.939				
1517-22-2	Phenanthrene-d10	389288	11.421				
1719-03-5	Chrysene-d12	242651	14.062				
1520-96-3	Perylene-d12	204282	15.533				

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF139117.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.5	U	94.5	290	360	ug/Kg
110-86-1	Pyridine	87	U	87	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	90.3	U	90.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.1	U	91.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	90.9	U	90.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.1	U	92.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.7	U	93.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.4	U	90.4	290	360	ug/Kg
95-48-7	2-Methylphenol	87.8	U	87.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99	U	99	140	190	ug/Kg
98-86-2	Acetophenone	94.6	U	94.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	86.9	U	86.9	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.1	87.1	ug/Kg
67-72-1	Hexachloroethane	90.4	U	90.4	140	190	ug/Kg
98-95-3	Nitrobenzene	98.9	U	98.9	140	190	ug/Kg
78-59-1	Isophorone	92.1	U	92.1	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	93.4	U	93.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.2	U	82.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93	U	93	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	89.9	U	89.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF139117.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.5	U	94.5	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.4	U	84.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.8	U	89.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.8	U	77.8	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.6	U	80.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.2	U	95.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.7	U	90.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89	U	89	140	190	ug/Kg
208-96-8	Acenaphthylene	94.2	U	94.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.6	U	90.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.1	U	97.1	140	190	ug/Kg
83-32-9	Acenaphthene	88.3	U	88.3	140	190	ug/Kg
Total PAH	Total PAH	2830	U	1441.6	140	3040	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	91.9	U	91.9	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.9	U	93.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.5	U	184.5	140	380	ug/Kg
84-66-2	Diethylphthalate	87.2	U	87.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.2	U	93.2	140	190	ug/Kg
86-73-7	Fluorene	93.1	U	93.1	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	88.9	U	88.9	140	190	ug/Kg
103-33-3	Azobenzene	86.7	U	86.7	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.9	U	85.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.6	U	92.6	140	190	ug/Kg
1912-24-9	Atrazine	99.5	U	99.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF139117.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.2	U	84.2	290	360	ug/Kg
85-01-8	Phenanthrene	240		91.5	140	190	ug/Kg
120-12-7	Anthracene	91.9	U	91.9	140	190	ug/Kg
86-74-8	Carbazole	87.4	U	87.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.8	U	91.8	140	190	ug/Kg
206-44-0	Fluoranthene	480		89	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	430		90.4	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	230		87.9	140	190	ug/Kg
218-01-9	Chrysene	260		86.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.1	U	99.1	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		88.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	89.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	240		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	85	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.4	U	88.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		87.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.5	U	94.5	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	81.3	U	81.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.6	U	90.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.402		18-112		47	SPK: -150
13127-88-3	Phenol-d6	72.29		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	62.098		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	51.271		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF139117.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.516		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	53.771		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93720	6.898				
1146-65-2	Naphthalene-d8	354044	8.181				
15067-26-2	Acenaphthene-d10	202983	9.933				
1517-22-2	Phenanthrene-d10	344082	11.416				
1719-03-5	Chrysene-d12	188310	14.057				
1520-96-3	Perylene-d12	190875	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.116	
000080-56-8	.alpha.-Pinene	140	J			6.181	
006753-98-6	Humulene	130	J			9.786	
000057-10-3	n-Hexadecanoic acid	190	J			11.945	
000122-69-0	Cinnamyl cinnamate	1200	J			13.774	
000295-65-8	Cyclohexadecane	220	J			13.91	
000112-88-9	1-Octadecene	380	J			14.539	
002400-66-0	Eicosanal-	220	J			14.998	
000629-94-7	Heneicosane	460	J			15.198	
000192-97-2	Benzo[e]pyrene	190	J			15.404	
067860-04-2	Oxirane, heptadecyl-	350	J			15.792	
000630-01-3	Hexacosane	450	J			16.039	
000506-51-4	n-Tetracosanol-1	260	J			16.092	
000629-66-3	2-Nonadecanone	140	J			16.157	
014811-95-1	1,19-Eicosadiene	340	J			16.857	
	unknown17.080	150	J			17.08	
041755-58-2	Triacetyl acetate	270	J			17.262	
	unknown17.362	160	J			17.362	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF139117.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000083-47-6	.gamma.-Sitosterol	550	J			17.645	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	914-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
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
BF139118.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	580	700	ug/Kg
110-86-1	Pyridine	170	U	170	280	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	580	700	ug/Kg
62-53-3	Aniline	210	U	210	280	360	ug/Kg
108-95-2	Phenol	180	U	180	280	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	280	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	280	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	580	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	280	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	280	360	ug/Kg
98-86-2	Acetophenone	190	U	190	280	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	580	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	86	U	86	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	280	360	ug/Kg
78-59-1	Isophorone	180	U	180	280	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	280	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	280	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	280	360	ug/Kg
65-85-0	Benzoic acid	510	U	510	580	700	ug/Kg
91-20-3	Naphthalene	180	U	180	280	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	280	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	914-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
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
BF139118.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	U	190	580	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	280	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	280	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	580	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	280	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	360	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	280	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	280	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	280	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	280	360	ug/Kg
Total PAH	Total PAH	2820	U	2820	280	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	580	700	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	580	700	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360	U	360	280	720	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	280	360	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	280	360	ug/Kg
86-73-7	Fluorene	180	U	180	280	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	580	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	280	360	ug/Kg
103-33-3	Azobenzene	170	U	170	280	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	280	360	ug/Kg
1912-24-9	Atrazine	200	U	200	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	914-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
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
BF139118.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	170	U	170	580	700	ug/Kg
85-01-8	Phenanthrene	230	J	180	280	360	ug/Kg
120-12-7	Anthracene	180	U	180	280	360	ug/Kg
86-74-8	Carbazole	170	U	170	280	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	360	ug/Kg
206-44-0	Fluoranthene	310	J	170	280	360	ug/Kg
92-87-5	Benzidine	350	U	350	580	700	ug/Kg
129-00-0	Pyrene	330	J	180	280	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	280	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	580	700	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	170	280	360	ug/Kg
218-01-9	Chrysene	180	J	170	280	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	280	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	580	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	170	280	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	180	280	360	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	280	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	280	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	280	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	J	170	280	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	280	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	280	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.882		18-112		61	SPK: -150
13127-88-3	Phenol-d6	94.397		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	78.088		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	58.435		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	914-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
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
BF139118.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.572		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	58.932		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93886	6.898				
1146-65-2	Naphthalene-d8	363216	8.181				
15067-26-2	Acenaphthene-d10	206333	9.933				
1517-22-2	Phenanthrene-d10	363483	11.422				
1719-03-5	Chrysene-d12	194565	14.057				
1520-96-3	Perylene-d12	198854	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3600	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A			5.128	
000057-10-3	n-Hexadecanoic acid	490	J			11.945	
000057-11-4	Octadecanoic acid	220	J			12.733	
002381-21-7	Pyrene, 1-methyl-	160	J			13.386	
006222-03-3	Trifluoroacetoxy hexadecane	250	J			13.904	
017066-67-0	Naphthalene, decahydro-4a-methyl-1	200	J			18.221	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BF139119.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	54.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	110	U	110	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BF139119.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.9	U	96.9	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1800	U	1800	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	120	U	120	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BF139119.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	370	450	ug/Kg
85-01-8	Phenanthrene	110	U	110	180	230	ug/Kg
120-12-7	Anthracene	110	U	110	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	180	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	110	U	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	230	ug/Kg
218-01-9	Chrysene	110	U	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.793		18-112		51	SPK: -150
13127-88-3	Phenol-d6	79.355		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	70.766		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	48.21		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BF139119.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.613		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	36.7		10-105		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99830	6.898				
1146-65-2	Naphthalene-d8	364776	8.181				
15067-26-2	Acenaphthene-d10	205382	9.933				
1517-22-2	Phenanthrene-d10	314086	11.416				
1719-03-5	Chrysene-d12	194609	14.057				
1520-96-3	Perylene-d12	190955	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.122	
000470-82-6	Eucalyptol	170	J			7.051	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.486	
000057-10-3	n-Hexadecanoic acid	140	J			11.939	
	unknown	160	J			13.686	
074339-54-1	Trichloroacetic acid, hexadecyl es	140	J			13.91	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF082224
Lab Sample ID:	P3640-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF139120.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.7	U	95.7	300	360	ug/Kg
110-86-1	Pyridine	88.1	U	88.1	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.4	U	91.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.2	U	92.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	92	U	92	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.2	U	93.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.8	U	94.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.3	U	95.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.5	U	91.5	300	360	ug/Kg
95-48-7	2-Methylphenol	88.8	U	88.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.8	U	95.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.9	U	87.9	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.4	U	44.4	88.2	88.2	ug/Kg
67-72-1	Hexachloroethane	91.5	U	91.5	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.2	U	93.2	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	94.6	U	94.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.2	U	83.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.1	U	94.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91	U	91	140	190	ug/Kg
106-47-8	4-Chloroaniline	91	U	91	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.8	U	91.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF082224
Lab Sample ID:	P3640-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF139120.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.7	U	95.7	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.4	U	85.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.9	U	90.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.7	U	78.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.6	U	81.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.3	U	96.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.8	U	91.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90	U	90	140	190	ug/Kg
208-96-8	Acenaphthylene	95.3	U	95.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.7	U	91.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.3	U	98.3	140	190	ug/Kg
83-32-9	Acenaphthene	89.4	U	89.4	140	190	ug/Kg
Total PAH	Total PAH	1457.8	U	1457.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	93	U	93	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.7	U	186.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95	U	95	140	190	ug/Kg
84-66-2	Diethylphthalate	88.3	U	88.3	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.3	U	94.3	140	190	ug/Kg
86-73-7	Fluorene	94.2	U	94.2	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	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.9	U	89.9	140	190	ug/Kg
103-33-3	Azobenzene	87.7	U	87.7	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.7	U	93.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF082224
Lab Sample ID:	P3640-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF139120.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.2	U	85.2	300	360	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	140	190	ug/Kg
120-12-7	Anthracene	93	U	93	140	190	ug/Kg
86-74-8	Carbazole	88.5	U	88.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.9	U	92.9	140	190	ug/Kg
206-44-0	Fluoranthene	110	J	90	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.5	U	91.5	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.9	U	88.9	140	190	ug/Kg
218-01-9	Chrysene	87.6	U	87.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.4	U	89.4	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91	U	91	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.1	U	86.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.5	U	89.5	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	88.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.7	U	95.7	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	82.3	U	82.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.7	U	91.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.928		18-112		53	SPK: -150
13127-88-3	Phenol-d6	83.183		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	74.928		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	62.789		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF082224
Lab Sample ID:	P3640-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF139120.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.079		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	54.334		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98107	6.898				
1146-65-2	Naphthalene-d8	355120	8.18				
15067-26-2	Acenaphthene-d10	192433	9.933				
1517-22-2	Phenanthrene-d10	280802	11.416				
1719-03-5	Chrysene-d12	192992	14.057				
1520-96-3	Perylene-d12	181320	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.228	
	unknown3.428	120	J			3.428	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.122	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	76.4	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	170	J			8.486	
	unknown10.027	85.2	J			10.027	
000057-10-3	n-Hexadecanoic acid	160	J			11.945	
1000282-98-2	Dichloroacetic acid, heptadecyl es	260	J			13.91	
000295-48-7	Cyclopentadecane	230	J			14.545	
000630-01-3	Hexacosane	79.7	J			15.198	
007390-81-0	Oxirane, hexadecyl-	110	J			15.792	
000629-78-7	Heptadecane	110	J			16.039	
035507-09-6	7-Hexadecene, (Z)-	220	J			16.086	
	unknown17.645	140	J			17.645	
	unknown18.474	74.6	J			18.474	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	30.06	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
BF139121.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.3	U	92.3	290	350	ug/Kg
110-86-1	Pyridine	84.9	U	84.9	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	88.1	U	88.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89	U	89	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.7	U	88.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.9	U	89.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.9	U	91.9	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88.2	U	88.2	290	350	ug/Kg
95-48-7	2-Methylphenol	85.7	U	85.7	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.6	U	96.6	140	180	ug/Kg
98-86-2	Acetophenone	92.4	U	92.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.8	U	84.8	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.8	U	42.8	85	85	ug/Kg
67-72-1	Hexachloroethane	88.2	U	88.2	140	180	ug/Kg
98-95-3	Nitrobenzene	96.5	U	96.5	140	180	ug/Kg
78-59-1	Isophorone	89.9	U	89.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.1	U	99.1	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.2	U	91.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.2	U	80.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.8	U	90.8	140	180	ug/Kg
65-85-0	Benzoic acid	520		250	290	350	ug/Kg
91-20-3	Naphthalene	87.8	U	87.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.8	U	87.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.5	U	88.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	30.06	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
BF139121.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92.3	U	92.3	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.7	U	87.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.9	U	75.9	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.6	U	78.6	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.9	U	92.9	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.5	U	88.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.8	U	86.8	140	180	ug/Kg
208-96-8	Acenaphthylene	91.9	U	91.9	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.4	U	88.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.8	U	94.8	140	180	ug/Kg
83-32-9	Acenaphthene	86.2	U	86.2	140	180	ug/Kg
Total PAH	Total PAH	14480	U	1408.3	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	89.7	U	89.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	80	U	180	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.6	U	91.6	140	180	ug/Kg
84-66-2	Diethylphthalate	85.1	U	85.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91	U	91	140	180	ug/Kg
86-73-7	Fluorene	90.9	U	90.9	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	86.7	U	86.7	140	180	ug/Kg
103-33-3	Azobenzene	84.6	U	84.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.9	U	83.9	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.3	U	90.3	140	180	ug/Kg
1912-24-9	Atrazine	97.1	U	97.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	30.06 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
BF139121.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.2	U	82.2	290	350	ug/Kg
85-01-8	Phenanthrene	1100		89.3	140	180	ug/Kg
120-12-7	Anthracene	170	J	89.7	140	180	ug/Kg
86-74-8	Carbazole	160	J	85.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.6	U	89.6	140	180	ug/Kg
206-44-0	Fluoranthene	2600		86.8	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	1800		88.2	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	1100		85.8	140	180	ug/Kg
218-01-9	Chrysene	1400		84.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.7	U	96.7	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		86.2	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	730		87.8	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	1400		98.8	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		83	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		86.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		85.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.3	U	92.3	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	79.4	U	79.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.4	U	88.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.435		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.232		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	69.402		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	63.413		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	30.06	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
BF139121.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.058		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	52.491		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99701	6.898				
1146-65-2	Naphthalene-d8	365151	8.181				
15067-26-2	Acenaphthene-d10	181246	9.934				
1517-22-2	Phenanthrene-d10	252789	11.422				
1719-03-5	Chrysene-d12	188524	14.063				
1520-96-3	Perylene-d12	156127	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.222	
004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	520	J			6.181	
000472-07-1	Junenol	350	J			10.657	
000057-10-3	n-Hexadecanoic acid	530	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	290	J			12.033	
000084-65-1	9,10-Anthracenedione	380	J			12.233	
000122-69-0	Cinnamyl cinnamate	780	J			13.775	
000112-88-9	1-Octadecene	300	J			14.539	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	250	J			14.851	
018633-25-5	Oxirane, tridecyl-	390	J			14.998	
1000130-92-0	E-7-Octadecene	1800	J			15.216	
000192-97-2	Benzo[e]pyrene	1200	J			15.416	
014811-95-1	1,19-Eicosadiene	450	J			15.798	
000629-94-7	Heneicosane	760	J			16.039	
001599-67-3	1-Docosene	690	J			16.092	
	unknown16.445	250	J			16.445	
067860-04-2	Oxirane, heptadecyl-	520	J			16.863	
000213-46-7	Picene	560	J			17.262	
000083-46-5	.beta.-Sitosterol	1100	J			17.645	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	30.06	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
BF139121.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown18.698	270	J			18.698	

Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM		
Project:				Date Received:	8/15/2024 12:00:00 AM		
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD			SDG No.:	BF082224		
Lab Sample ID:	P3641-08			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	21.8		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139122.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.5	U	51.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.5	U	96.5	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	480		300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
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
BF139122.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.5	U	94.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	13730	U	1689.8	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
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
BF139122.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.8	U	98.8	340	420	ug/Kg
85-01-8	Phenanthrene	980		110	170	220	ug/Kg
120-12-7	Anthracene	210	J	110	170	220	ug/Kg
86-74-8	Carbazole	110	J	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	2600		100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	1800		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	1300		100	170	220	ug/Kg
218-01-9	Chrysene	1400		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	680		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	1200		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	700		99.8	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	J	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.4	U	95.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	44.408		18-112		30	SPK: -150
13127-88-3	Phenol-d6	42.764		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	39.084		18-107		39	SPK: -100
321-60-8	2-Fluorobiphenyl	36.467		20-109		36	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
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
BF139122.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	43.109		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	27.989		10-105		28	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79829	6.898				
1146-65-2	Naphthalene-d8	281865	8.181				
15067-26-2	Acenaphthene-d10	132654	9.934				
1517-22-2	Phenanthrene-d10	198920	11.416				
1719-03-5	Chrysene-d12	159676	14.057				
1520-96-3	Perylene-d12	132552	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.187	
000057-10-3	n-Hexadecanoic acid	530	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			12.028	
000084-65-1	9,10-Anthracenedione	320	J			12.233	
000479-79-8	11H-Benzo[a]fluoren-11-one	200	J			13.692	
001599-67-3	1-Docosene	240	J			13.904	
005638-09-5	Cyclopentane, (4-octyldodecyl)-	410	J			14.539	
	unknown	14.839	J			14.839	
1000498-91-9	Raseglurant, N-methyl	210	J			14.922	
1010144-57-9	16-Heptadecenal	860	J			14.998	
000400-57-7	Heptafluorobutyric acid, n-octadec	2900	J			15.216	
000192-97-2	Benzo[e]pyrene	1100	J			15.41	
026627-85-0	Hexacosanal	600	J			15.792	
000630-01-3	Hexacosane	1400	J			16.039	
000661-19-8	Behenic alcohol	800	J			16.086	
000638-66-4	Octadecanal	740	J			16.857	
000629-92-5	Nonadecane	300	J			17.174	
003452-07-1	1-Eicosene	550	J			17.257	
000083-47-6	.gamma.-Sitosterol	780	J			17.639	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
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
BF139122.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000508-55-4	1H-3a,7-Methanoazulene, octahydro-	570	J			17.986	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF139123.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.9	U	92.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.4	U	96.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.3	U	97.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.1	U	97.1	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.4	U	98.4	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.5	U	96.5	310	380	ug/Kg
95-48-7	2-Methylphenol	93.7	U	93.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.8	U	92.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.9	U	46.9	93	93	ug/Kg
67-72-1	Hexachloroethane	96.5	U	96.5	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.4	U	98.4	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.8	U	99.8	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.8	U	87.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.3	U	99.3	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.1	U	96.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.1	U	96.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.9	U	96.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF139123.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.1	U	90.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.9	U	95.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.1	U	86.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.9	U	96.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95	U	95	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.8	U	96.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.3	U	94.3	150	200	ug/Kg
Total PAH	Total PAH	5240	U	1542.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	98.2	U	98.2	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.8	U	196.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.2	U	93.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.6	U	99.6	150	200	ug/Kg
86-73-7	Fluorene	99.4	U	99.4	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.9	U	94.9	150	200	ug/Kg
103-33-3	Azobenzene	92.6	U	92.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.8	U	91.8	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.9	U	98.9	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF139123.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.9	U	89.9	310	380	ug/Kg
85-01-8	Phenanthrene	400		97.7	150	200	ug/Kg
120-12-7	Anthracene	98.2	U	98.2	150	200	ug/Kg
86-74-8	Carbazole	93.4	U	93.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98	U	98	150	200	ug/Kg
206-44-0	Fluoranthene	970		95	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	730		96.5	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	530		93.9	150	200	ug/Kg
218-01-9	Chrysene	520		92.5	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	680		94.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		96.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	480		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		90.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.4	U	94.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		93.2	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.9	U	86.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.8	U	96.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.565		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.232		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	81.141		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	67.891		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF139123.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.732		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	55.138		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95054	6.898				
1146-65-2	Naphthalene-d8	339289	8.181				
15067-26-2	Acenaphthene-d10	172491	9.934				
1517-22-2	Phenanthrene-d10	240499	11.416				
1719-03-5	Chrysene-d12	172106	14.057				
1520-96-3	Perylene-d12	136165	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.122	
000470-82-6	Eucalyptol	280	J			7.051	
1010192-09-5	5-Pyrrolidin-2-ylidenemethyl-3,4-d	130	J			11.851	
000057-10-3	n-Hexadecanoic acid	450	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			12.028	
000084-65-1	9,10-Anthracenedione	110	J			12.233	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			13.804	
	unknown13.863	210	J			13.863	
001599-67-3	1-Docosene	450	J			13.904	
074685-30-6	5-Eicosene, (E)-	310	J			14.539	
000124-25-4	Tetradecanal	170	J			14.998	
1000130-92-0	E-7-Octadecene	800	J			15.21	
000192-97-2	Benzo[e]pyrene	330	J			15.404	
057866-08-7	Tetracosanal	120	J			15.792	
000112-95-8	Eicosane	260	J			16.033	
001454-84-8	n-Nonadecanol-1	420	J			16.086	
067860-04-2	Oxirane, heptadecyl-	320	J			16.851	
1000351-80-9	Docosyl pentafluoropropionate	290	J			17.257	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF139123.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000083-46-5	.beta.-Sitosterol	140	J			17.639	



Client:				Date Collected:	8/15/2024 12:00:00 AM	
Project:				Date Received:	8/15/2024 12:00:00 AM	
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD			SDG No.:	BF082224	
Lab Sample ID:	P3641-10			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19	
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139124.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.5	U	98.5	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99.3	U	99.3	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.4	U	98.4	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.7	U	49.7	98.6	98.6	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.1	U	93.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg



Client:				Date Collected:	8/15/2024 12:00:00 AM	
Project:				Date Received:	8/15/2024 12:00:00 AM	
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD			SDG No.:	BF082224	
Lab Sample ID:	P3641-10			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19	
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139124.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.5	U	95.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.2	U	91.2	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	5820	U	1622.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.7	U	98.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.1	U	98.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.2	U	97.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139124.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.3	U	95.3	330	410	ug/Kg
85-01-8	Phenanthrene	440		100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99	U	99	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	1200		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	780		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	560		99.5	160	210	ug/Kg
218-01-9	Chrysene	560		98	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	360		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	530		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		96.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		98.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.1	U	92.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.529		18-112		44	SPK: -150
13127-88-3	Phenol-d6	65.418		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	61.374		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	56.949		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139124.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.401		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	40.705		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87146	6.898				
1146-65-2	Naphthalene-d8	299994	8.181				
15067-26-2	Acenaphthene-d10	137580	9.934				
1517-22-2	Phenanthrene-d10	204095	11.416				
1719-03-5	Chrysene-d12	165237	14.057				
1520-96-3	Perylene-d12	128213	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.205	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.116	
000470-82-6	Eucalyptol	230	J			7.051	
	unknown11.851	140	J			11.851	
000057-10-3	n-Hexadecanoic acid	500	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			12.028	
000084-65-1	9,10-Anthracenedione	150	J			12.233	
000544-63-8	Tetradecanoic acid	120	J			12.727	
001599-67-3	1-Docosene	290	J			13.904	
000112-88-9	1-Octadecene	340	J			14.539	
	unknown14.921	170	J			14.921	
1010144-57-9	16-Heptadecenal	190	J			14.998	
1000130-92-0	E-7-Octadecene	850	J			15.21	
000192-97-2	Benzo[e]pyrene	400	J			15.404	
007390-81-0	Oxirane, hexadecyl-	140	J			15.792	
000593-45-3	Octadecane	360	J			16.033	
002004-39-9	1-Heptacosanol	440	J			16.086	
067860-04-2	Oxirane, heptadecyl-	330	J			16.851	
	unknown17.257	250	J			17.257	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0.5-1.0-081524-FD	SDG No.:	BF082224
Lab Sample ID:	P3641-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139124.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004970-37-0	Stigmasta-3,5-diene	160	J			17.639	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
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
BF139125.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.9	U	51.9	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.2	U	97.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
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
BF139125.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.8	U	99.8	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.9	U	91.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.3	U	95.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	3140	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
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
BF139125.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.5	U	99.5	350	420	ug/Kg
85-01-8	Phenanthrene	190	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	580		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	400		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	240		100	170	220	ug/Kg
218-01-9	Chrysene	300		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	300		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.2	U	96.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.432		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.89		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	66.08		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	53.71		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-907-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.4
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
BF139125.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.648		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	38.229		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81947	6.898				
1146-65-2	Naphthalene-d8	283880	8.181				
15067-26-2	Acenaphthene-d10	133415	9.933				
1517-22-2	Phenanthrene-d10	204551	11.416				
1719-03-5	Chrysene-d12	164631	14.057				
1520-96-3	Perylene-d12	129640	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3200	J			2.21	
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.116	
000470-82-6	Eucalyptol	600	J			7.051	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.486	
	unknown11.533	120	J			11.533	
002649-64-1	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	240	J			11.851	
000057-10-3	n-Hexadecanoic acid	500	J			11.945	
000057-11-4	Octadecanoic acid	170	J			12.733	
000122-69-0	Cinnamyl cinnamate	300	J			13.768	
	unknown13.857	90.1	J			13.857	
018835-33-1	1-Hexacosene	320	J			13.904	
001599-67-3	1-Docosene	350	J			14.539	
007098-22-8	Tetratetracontane	360	J			15.198	
000192-97-2	Benzo[e]pyrene	270	J			15.404	
000629-99-2	Pentacosane	220	J			16.033	
000295-48-7	Cyclopentadecane	310	J			16.086	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	54.9
Sample Wt/Vol:	30.06	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
BF139126.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	600	730	ug/Kg
110-86-1	Pyridine	180	U	180	290	380	ug/Kg
100-52-7	Benzaldehyde	400	U	400	600	730	ug/Kg
62-53-3	Aniline	210	U	210	290	380	ug/Kg
108-95-2	Phenol	180	U	180	290	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	190	290	380	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	290	380	ug/Kg
95-50-1	1,2-Dichlorobenzene	190	U	190	290	380	ug/Kg
541-73-1	1,3-Dichlorobenzene	190	U	190	290	380	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	190	290	380	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	600	730	ug/Kg
95-48-7	2-Methylphenol	180	U	180	290	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	290	380	ug/Kg
98-86-2	Acetophenone	190	U	190	290	380	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	180	600	730	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	89.2	U	89.2	180	180	ug/Kg
67-72-1	Hexachloroethane	180	U	180	290	380	ug/Kg
98-95-3	Nitrobenzene	200	U	200	290	380	ug/Kg
78-59-1	Isophorone	190	U	190	290	380	ug/Kg
88-75-5	2-Nitrophenol	210	U	210	290	380	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	290	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	290	380	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	290	380	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	290	380	ug/Kg
65-85-0	Benzoic acid	520	U	520	600	730	ug/Kg
91-20-3	Naphthalene	180	U	180	290	380	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	290	380	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	290	380	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	54.9
Sample Wt/Vol:	30.06	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
BF139126.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	U	190	600	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	290	380	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	290	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350	U	350	600	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	290	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	290	380	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	290	380	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	290	380	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	290	380	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	290	380	ug/Kg
208-96-8	Acenaphthylene	190	U	190	290	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	290	380	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	290	380	ug/Kg
83-32-9	Acenaphthene	180	U	180	290	380	ug/Kg
Total PAH	Total PAH	15110	U	2940	290	6080	ug/Kg
51-28-5	2,4-Dinitrophenol	540	U	540	600	730	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	600	730	ug/Kg
132-64-9	Dibenzofuran	190	U	190	290	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	290	380	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370	U	370	290	760	ug/Kg
84-66-2	Diethylphthalate	180	U	180	290	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	290	380	ug/Kg
86-73-7	Fluorene	190	U	190	290	380	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	290	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	600	730	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	290	380	ug/Kg
103-33-3	Azobenzene	180	U	180	290	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	290	380	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	290	380	ug/Kg
1912-24-9	Atrazine	200	U	200	290	380	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	54.9
Sample Wt/Vol:	30.06 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
BF139126.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	170	U	170	600	730	ug/Kg
85-01-8	Phenanthrene	1700		190	290	380	ug/Kg
120-12-7	Anthracene	220	J	190	290	380	ug/Kg
86-74-8	Carbazole	180	U	180	290	380	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	290	380	ug/Kg
206-44-0	Fluoranthene	3300		180	290	380	ug/Kg
92-87-5	Benzidine	360	U	360	600	730	ug/Kg
129-00-0	Pyrene	2100		180	290	380	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	290	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	600	730	ug/Kg
56-55-3	Benzo(a)anthracene	1100		180	290	380	ug/Kg
218-01-9	Chrysene	1400		180	290	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	290	380	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	600	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		180	290	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	590		180	290	380	ug/Kg
50-32-8	Benzo(a)pyrene	1200		210	290	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	670		170	290	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	180	290	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		180	290	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	290	380	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	290	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	290	380	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	380	380	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.272		18-112		58	SPK: -150
13127-88-3	Phenol-d6	86.106		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	76.148		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	57.331		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0-0.5-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	54.9
Sample Wt/Vol:	30.06	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
BF139126.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.078		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	39.462		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90408	6.898				
1146-65-2	Naphthalene-d8	314044	8.181				
15067-26-2	Acenaphthene-d10	149707	9.933				
1517-22-2	Phenanthrene-d10	222720	11.416				
1719-03-5	Chrysene-d12	172003	14.057				
1520-96-3	Perylene-d12	132740	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	A			5.128	
000613-12-7	Anthracene, 2-methyl-	320	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	400	J			12.033	
000084-65-1	9,10-Anthracenedione	340	J			12.233	
033543-31-6	Fluoranthene, 2-methyl-	240	J			13.186	
000238-84-6	11H-Benzo[a]fluorene	160	J			13.251	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	220	J			13.804	
000479-79-8	11H-Benzo[a]fluoren-11-one	190	J			13.898	
	unknown14.592	150	J			14.592	
	unknown14.845	180	J			14.845	
000593-45-3	Octadecane	780	J			15.198	
000192-97-2	Benzo[e]pyrene	930	J			15.41	
000629-78-7	Heptadecane	290	J			16.033	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-0.5-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	66.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139127.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

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

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-0.5-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	66.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139127.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	29570	U	3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610	U	510	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-0.5-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	66.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139127.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	3400		250	390	510	ug/Kg
120-12-7	Anthracene	550		250	390	510	ug/Kg
86-74-8	Carbazole	280	J	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	6400		240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	4600		250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	2700		240	390	510	ug/Kg
218-01-9	Chrysene	2400		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	J	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	2500		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	320	J	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.654		18-112		75	SPK: -150
13127-88-3	Phenol-d6	111.707		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	99.283		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	78.807		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-0.5-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	66.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139127.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.973		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	62.588		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81256	6.898				
1146-65-2	Naphthalene-d8	286743	8.18				
15067-26-2	Acenaphthene-d10	137735	9.933				
1517-22-2	Phenanthrene-d10	199428	11.421				
1719-03-5	Chrysene-d12	145183	14.057				
1520-96-3	Perylene-d12	113682	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5500	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	620	A			5.128	
000832-69-9	Phenanthrene, 1-methyl-	250	J			11.921	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	710	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	840	J			12.033	
000612-94-2	Naphthalene, 2-phenyl-	310	J			12.216	
000238-84-6	11H-Benzo[a]fluorene	360	J			13.186	
002381-21-7	Pyrene, 1-methyl-	260	J			13.257	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	290	J			13.804	
	unknown13.898	430	J			13.898	
	unknown13.968	230	J			13.968	
000629-78-7	Heptadecane	210	J			14.539	
000544-76-3	Hexadecane	1700	J			15.198	
000192-97-2	Benzo[e]pyrene	1600	J			15.409	
000629-94-7	Heneicosane	730	J			16.033	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	81.9
Sample Wt/Vol:	30	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
BF139128.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480	U	480	1500	1800	ug/Kg
110-86-1	Pyridine	440	U	440	720	940	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1800	ug/Kg
62-53-3	Aniline	540	U	540	720	940	ug/Kg
108-95-2	Phenol	460	U	460	720	940	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	460	U	460	720	940	ug/Kg
95-57-8	2-Chlorophenol	460	U	460	720	940	ug/Kg
95-50-1	1,2-Dichlorobenzene	470	U	470	720	940	ug/Kg
541-73-1	1,3-Dichlorobenzene	480	U	480	720	940	ug/Kg
106-46-7	1,4-Dichlorobenzene	480	U	480	720	940	ug/Kg
100-51-6	Benzyl Alcohol	460	U	460	1500	1800	ug/Kg
95-48-7	2-Methylphenol	450	U	450	720	940	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	500	U	500	720	940	ug/Kg
98-86-2	Acetophenone	480	U	480	720	940	ug/Kg
65794-96-9	3+4-Methylphenols	440	U	440	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220	U	220	440	440	ug/Kg
67-72-1	Hexachloroethane	460	U	460	720	940	ug/Kg
98-95-3	Nitrobenzene	500	U	500	720	940	ug/Kg
78-59-1	Isophorone	470	U	470	720	940	ug/Kg
88-75-5	2-Nitrophenol	520	U	520	720	940	ug/Kg
105-67-9	2,4-Dimethylphenol	510	U	510	720	940	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	470	U	470	720	940	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	420	720	940	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	470	U	470	720	940	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1800	ug/Kg
91-20-3	Naphthalene	460	U	460	720	940	ug/Kg
106-47-8	4-Chloroaniline	460	U	460	720	940	ug/Kg
87-68-3	Hexachlorobutadiene	460	U	460	720	940	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	81.9
Sample Wt/Vol:	30 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
BF139128.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480	U	480	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	430	720	940	ug/Kg
91-57-6	2-Methylnaphthalene	460	U	460	720	940	ug/Kg
77-47-4	Hexachlorocyclopentadiene	860	U	860	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	390	720	940	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	410	720	940	ug/Kg
92-52-4	1,1-Biphenyl	480	U	480	720	940	ug/Kg
91-58-7	2-Chloronaphthalene	460	U	460	720	940	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	720	940	ug/Kg
131-11-3	Dimethylphthalate	450	U	450	720	940	ug/Kg
208-96-8	Acenaphthylene	480	U	480	720	940	ug/Kg
606-20-2	2,6-Dinitrotoluene	460	U	460	720	940	ug/Kg
99-09-2	3-Nitroaniline	490	U	490	720	940	ug/Kg
83-32-9	Acenaphthene	450	U	450	720	940	ug/Kg
Total PAH	Total PAH	19520	U	7330	720	15040	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	640	U	640	1500	1800	ug/Kg
132-64-9	Dibenzofuran	470	U	470	720	940	ug/Kg
121-14-2	2,4-Dinitrotoluene	480	U	480	720	940	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	940	U	940	720	1880	ug/Kg
84-66-2	Diethylphthalate	440	U	440	720	940	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	470	U	470	720	940	ug/Kg
86-73-7	Fluorene	470	U	470	720	940	ug/Kg
100-01-6	4-Nitroaniline	590	U	590	720	940	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	650	U	650	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	450	U	450	720	940	ug/Kg
103-33-3	Azobenzene	440	U	440	720	940	ug/Kg
101-55-3	4-Bromophenyl-phenylether	440	U	440	720	940	ug/Kg
118-74-1	Hexachlorobenzene	470	U	470	720	940	ug/Kg
1912-24-9	Atrazine	500	U	500	720	940	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	81.9
Sample Wt/Vol:	30	Units:	g
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
BF139128.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	430	U	430	1500	1800	ug/Kg
85-01-8	Phenanthrene	2100		460	720	940	ug/Kg
120-12-7	Anthracene	470	U	470	720	940	ug/Kg
86-74-8	Carbazole	440	U	440	720	940	ug/Kg
84-74-2	Di-n-butylphthalate	470	U	470	720	940	ug/Kg
206-44-0	Fluoranthene	4300		450	720	940	ug/Kg
92-87-5	Benzidine	900	U	900	1500	1800	ug/Kg
129-00-0	Pyrene	2800		460	720	940	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	720	940	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540	U	540	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1600		450	720	940	ug/Kg
218-01-9	Chrysene	1900		440	720	940	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	500	U	500	720	940	ug/Kg
117-84-0	Di-n-octyl phthalate	610	U	610	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		450	720	940	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		460	720	940	ug/Kg
50-32-8	Benzo(a)pyrene	1600		510	720	940	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830	J	430	720	940	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450	U	450	720	940	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		440	720	940	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	480	U	480	720	940	ug/Kg
123-91-1	1,4-Dioxane	610	U	610	720	940	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	720	940	ug/Kg
90-12-0	1-Methylnaphthalene	460	U	460	940	940	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.673		18-112		71	SPK: -150
13127-88-3	Phenol-d6	104.822		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	94.1		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	74.362		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	919-J-SD-0-1-081624	SDG No.:	BF082224
Lab Sample ID:	P3663-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	81.9
Sample Wt/Vol:	30 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
BF139128.D	1	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.163		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	58.093		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74682	6.898				
1146-65-2	Naphthalene-d8	259603	8.181				
15067-26-2	Acenaphthene-d10	125045	9.933				
1517-22-2	Phenanthrene-d10	194651	11.416				
1719-03-5	Chrysene-d12	149810	14.057				
1520-96-3	Perylene-d12	119715	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8900	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1000	A			5.128	
000610-48-0	Anthracene, 1-methyl-	790	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	460	J			12.033	
018835-33-1	1-Hexacosene	390	J			13.904	
000544-76-3	Hexadecane	820	J			15.198	
000192-97-2	Benzo[e]pyrene	1000	J			15.41	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF139129.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.5	U	93.5	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.1	U	97.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98	U	98	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.8	U	97.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99	U	99	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.2	U	97.2	320	390	ug/Kg
95-48-7	2-Methylphenol	94.4	U	94.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.4	U	93.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.7	93.7	ug/Kg
67-72-1	Hexachloroethane	97.2	U	97.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99	U	99	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.4	U	88.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	920		280	320	390	ug/Kg
91-20-3	Naphthalene	96.7	U	96.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.7	U	96.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.5	U	97.5	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.04 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
BF139129.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.7	U	90.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.6	U	96.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.6	U	83.6	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.6	U	86.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.5	U	97.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.7	U	95.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.4	U	97.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	150	J	94.9	150	200	ug/Kg
Total PAH	Total PAH	23080		1551.1	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	98.8	U	98.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.4	U	197.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.8	U	93.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	140	J	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.5	U	95.5	150	200	ug/Kg
103-33-3	Azobenzene	93.2	U	93.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.4	U	92.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.5	U	99.5	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF139129.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.5	U	90.5	320	390	ug/Kg
85-01-8	Phenanthrene	2400		98.3	150	200	ug/Kg
120-12-7	Anthracene	420		98.8	150	200	ug/Kg
86-74-8	Carbazole	260		94	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.7	U	98.7	150	200	ug/Kg
206-44-0	Fluoranthene	4500	E	95.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	3300	E	97.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		94.5	150	200	ug/Kg
218-01-9	Chrysene	1900		93.1	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		94.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	940		96.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		91.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330		95.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		93.8	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.5	U	87.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.4	U	97.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.92		18-112		47	SPK: -150
13127-88-3	Phenol-d6	67.093		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	63.839		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	60.275		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF139129.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.275		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	53.725		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83864	6.898				
1146-65-2	Naphthalene-d8	280884	8.181				
15067-26-2	Acenaphthene-d10	125689	9.933				
1517-22-2	Phenanthrene-d10	197256	11.422				
1719-03-5	Chrysene-d12	138893	14.063				
1520-96-3	Perylene-d12	111251	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.21	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	730	J			6.181	
000057-10-3	n-Hexadecanoic acid	1200	J			11.951	
000084-65-1	9,10-Anthracenedione	640	J			12.239	
000122-69-0	Cinnamyl cinnamate	1100	J			13.774	
1000406-04-8	Pentadecafluorooctanoic acid, octa	920	J			14.539	
016980-85-1	Pentacos-1-ene	760	J			14.863	
000638-66-4	Octadecanal	1700	J			14.998	
007225-64-1	Heptadecane, 9-octyl-	6500	J			15.204	
000192-97-2	Benzo[e]pyrene	1600	J			15.415	
007390-81-0	Oxirane, hexadecyl-	2400	J			15.798	
000629-99-2	Pentacosane	3700	J			16.045	
002004-39-9	1-Heptacosanol	2200	J			16.092	
075207-54-4	2-Pentacosanone	860	J			16.168	
002400-66-0	Eicosanal-	2100	J			16.862	
025117-29-7	4-Methylheneicosane	930	J			17.18	
003452-07-1	1-Eicosene	1600	J			17.268	
	unknown17.368	1100	J			17.368	
000083-47-6	.gamma.-Sitosterol	3500	J			17.651	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-908-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.04 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
BF139129.D	1	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
021747-46-6	1H-Cycloprop[e]azulene, 1a,2,3,5,6	760	J			17.992	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-J-0-0.5-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.5
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
BF139130.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	830	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	830	1100	ug/Kg
108-95-2	Phenol	530	U	530	830	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	830	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	830	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	830	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	830	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	830	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	830	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	830	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	830	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	830	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	830	1100	ug/Kg
78-59-1	Isophorone	540	U	540	830	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	830	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	830	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	830	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	830	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	830	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	830	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	830	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-J-0-0.5-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.5
Sample Wt/Vol:	30.04 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
BF139130.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	830	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	830	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990	U	990	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	830	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	830	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	830	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	830	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	830	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	830	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	830	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	830	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	830	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	830	1100	ug/Kg
Total PAH	Total PAH	26360	UD	8450	830	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	830	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	830	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	830	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	830	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	830	1100	ug/Kg
86-73-7	Fluorene	540	U	540	830	1100	ug/Kg
100-01-6	4-Nitroaniline	680	U	680	830	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	830	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	830	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	830	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	830	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	830	1100	ug/Kg



Client:				Date Collected:	8/16/2024 12:00:00 AM	
Project:				Date Received:	8/16/2024 12:00:00 AM	
Client Sample ID:	S-902-J-0-0.5-081624DL			SDG No.:	BF082224	
Lab Sample ID:	P3660-03DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21.5	
Sample Wt/Vol:	30.04	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
BF139130.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	3700	D	530	830	1100	ug/Kg
120-12-7	Anthracene	960	JD	540	830	1100	ug/Kg
86-74-8	Carbazole	510	U	510	830	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	830	1100	ug/Kg
206-44-0	Fluoranthene	5500	D	520	830	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	3700	D	530	830	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	830	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2200	D	510	830	1100	ug/Kg
218-01-9	Chrysene	2100	D	510	830	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	830	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	700	U	700	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	D	520	830	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	D	530	830	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2100	D	590	830	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	500	830	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	830	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	D	510	830	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	830	1100	ug/Kg
123-91-1	1,4-Dioxane	700	U	700	830	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	830	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.665		18-112		46	SPK: -150
13127-88-3	Phenol-d6	67.71		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	60.225		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	49.58		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-J-0-0.5-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.5
Sample Wt/Vol:	30.04 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
BF139130.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.81		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	42.845		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79112	6.898				
1146-65-2	Naphthalene-d8	266147	8.181				
15067-26-2	Acenaphthene-d10	127618	9.933				
1517-22-2	Phenanthrene-d10	202035	11.416				
1719-03-5	Chrysene-d12	153592	14.057				
1520-96-3	Perylene-d12	120624	15.533				

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.2
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
BF139131.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	840	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	840	1100	ug/Kg
108-95-2	Phenol	530	U	530	840	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	840	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	840	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	840	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	840	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	840	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	840	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	840	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	840	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	840	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	840	1100	ug/Kg
78-59-1	Isophorone	540	U	540	840	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	840	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	840	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	840	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	840	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	840	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	840	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	840	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.2
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
BF139131.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	840	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	840	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	840	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	840	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	840	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	840	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	840	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	840	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	840	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	840	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	840	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	840	1100	ug/Kg
Total PAH	Total PAH	31200	D	8500	840	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	750	U	750	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	840	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	840	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	840	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	840	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	840	1100	ug/Kg
86-73-7	Fluorene	550	U	550	840	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	840	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	840	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	840	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	840	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	840	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.2
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
BF139131.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1700	2100	ug/Kg
85-01-8	Phenanthrene	4900	D	540	840	1100	ug/Kg
120-12-7	Anthracene	1400	D	540	840	1100	ug/Kg
86-74-8	Carbazole	660	JD	520	840	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	840	1100	ug/Kg
206-44-0	Fluoranthene	6300	D	520	840	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	4400	D	530	840	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	840	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2600	D	520	840	1100	ug/Kg
218-01-9	Chrysene	2400	D	510	840	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	840	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600	D	520	840	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	530	840	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2400	D	600	840	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	500	840	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	840	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	D	510	840	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	840	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	840	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	840	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	58.95		18-112		39	SPK: -150
13127-88-3	Phenol-d6	57.785		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	49.905		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	41.365		20-109		41	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3660-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.2
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
BF139131.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.08		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	35.255		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78032	6.898				
1146-65-2	Naphthalene-d8	259444	8.181				
15067-26-2	Acenaphthene-d10	124374	9.933				
1517-22-2	Phenanthrene-d10	200601	11.416				
1719-03-5	Chrysene-d12	154409	14.057				
1520-96-3	Perylene-d12	120105	15.533				

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3663-10DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139132.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100	U	1100	3500	4300	ug/Kg
110-86-1	Pyridine	1000	U	1000	1700	2200	ug/Kg
100-52-7	Benzaldehyde	2400	U	2400	3500	4300	ug/Kg
62-53-3	Aniline	1300	U	1300	1700	2200	ug/Kg
108-95-2	Phenol	1100	U	1100	1700	2200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100	U	1100	1700	2200	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1700	2200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100	U	1100	1700	2200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100	U	1100	1700	2200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100	U	1100	1700	2200	ug/Kg
100-51-6	Benzyl Alcohol	1100	U	1100	3500	4300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	1700	2200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	1700	2200	ug/Kg
98-86-2	Acetophenone	1100	U	1100	1700	2200	ug/Kg
65794-96-9	3+4-Methylphenols	1000	U	1000	3500	4300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	530	U	530	1000	1000	ug/Kg
67-72-1	Hexachloroethane	1100	U	1100	1700	2200	ug/Kg
98-95-3	Nitrobenzene	1200	U	1200	1700	2200	ug/Kg
78-59-1	Isophorone	1100	U	1100	1700	2200	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1700	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	1200	U	1200	1700	2200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100	U	1100	1700	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	980	U	980	1700	2200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100	U	1100	1700	2200	ug/Kg
65-85-0	Benzoic acid	3100	U	3100	3500	4300	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1700	2200	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1700	2200	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1700	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3663-10DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139132.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100	U	1100	3500	4300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1700	2200	ug/Kg
91-57-6	2-Methylnaphthalene	1100	U	1100	1700	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	U	2000	3500	4300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930	U	930	1700	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970	U	970	1700	2200	ug/Kg
92-52-4	1,1-Biphenyl	1100	U	1100	1700	2200	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1700	2200	ug/Kg
88-74-4	2-Nitroaniline	1200	U	1200	1700	2200	ug/Kg
131-11-3	Dimethylphthalate	1100	U	1100	1700	2200	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1700	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100	U	1100	1700	2200	ug/Kg
99-09-2	3-Nitroaniline	1200	U	1200	1700	2200	ug/Kg
83-32-9	Acenaphthene	1100	U	1100	1700	2200	ug/Kg
Total PAH	Total PAH	123000	UD	17400	1700	35200	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	U	3200	3500	4300	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3500	4300	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1700	2200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200	U	2200	1700	4400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1700	2200	ug/Kg
84-66-2	Diethylphthalate	1000	U	1000	1700	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	1700	2200	ug/Kg
86-73-7	Fluorene	1100	U	1100	1700	2200	ug/Kg
100-01-6	4-Nitroaniline	1400	U	1400	1700	2200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500	U	1500	3500	4300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100	U	1100	1700	2200	ug/Kg
103-33-3	Azobenzene	1000	U	1000	1700	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	1700	2200	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	1700	2200	ug/Kg
1912-24-9	Atrazine	1200	U	1200	1700	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3663-10DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139132.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	U	1000	3500	4300	ug/Kg
85-01-8	Phenanthrene	13800	D	1100	1700	2200	ug/Kg
120-12-7	Anthracene	2400	D	1100	1700	2200	ug/Kg
86-74-8	Carbazole	1100	JD	1000	1700	2200	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	1100	1700	2200	ug/Kg
206-44-0	Fluoranthene	27600	D	1100	1700	2200	ug/Kg
92-87-5	Benzidine	2100	U	2100	3500	4300	ug/Kg
129-00-0	Pyrene	19200	D	1100	1700	2200	ug/Kg
85-68-7	Butylbenzylphthalate	1300	U	1300	1700	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300	U	1300	3500	4300	ug/Kg
56-55-3	Benzo(a)anthracene	10400	D	1100	1700	2200	ug/Kg
218-01-9	Chrysene	10400	D	1000	1700	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1700	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	3500	4300	ug/Kg
205-99-2	Benzo(b)fluoranthene	12500	D	1100	1700	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	D	1100	1700	2200	ug/Kg
50-32-8	Benzo(a)pyrene	10200	D	1200	1700	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5000	D	1000	1700	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	JD	1100	1700	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5700	D	1000	1700	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	1700	2200	ug/Kg
123-91-1	1,4-Dioxane	1400	U	1400	1700	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970	U	970	1700	2200	ug/Kg
90-12-0	1-Methylnaphthalene	1100	U	1100	2200	2200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.65		18-112		81	SPK: -150
13127-88-3	Phenol-d6	116.68		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	100.955		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	88.525		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	915-J-SD-0.5-1-081624DL	SDG No.:	BF082224
Lab Sample ID:	P3663-10DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139132.D	5	8/20/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.6		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	69.27		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76169	6.898				
1146-65-2	Naphthalene-d8	254689	8.181				
15067-26-2	Acenaphthene-d10	119411	9.933				
1517-22-2	Phenanthrene-d10	201529	11.416				
1719-03-5	Chrysene-d12	153727	14.057				
1520-96-3	Perylene-d12	120705	15.533				

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139133.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470	U	470	1500	1800	ug/Kg
110-86-1	Pyridine	430	U	430	710	930	ug/Kg
100-52-7	Benzaldehyde	990	U	990	1500	1800	ug/Kg
62-53-3	Aniline	530	U	530	710	930	ug/Kg
108-95-2	Phenol	450	U	450	710	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	460	U	460	710	930	ug/Kg
95-57-8	2-Chlorophenol	450	U	450	710	930	ug/Kg
95-50-1	1,2-Dichlorobenzene	460	U	460	710	930	ug/Kg
541-73-1	1,3-Dichlorobenzene	470	U	470	710	930	ug/Kg
106-46-7	1,4-Dichlorobenzene	470	U	470	710	930	ug/Kg
100-51-6	Benzyl Alcohol	450	U	450	1500	1800	ug/Kg
95-48-7	2-Methylphenol	440	U	440	710	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	490	U	490	710	930	ug/Kg
98-86-2	Acetophenone	470	U	470	710	930	ug/Kg
65794-96-9	3+4-Methylphenols	430	U	430	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220	U	220	440	440	ug/Kg
67-72-1	Hexachloroethane	450	U	450	710	930	ug/Kg
98-95-3	Nitrobenzene	490	U	490	710	930	ug/Kg
78-59-1	Isophorone	460	U	460	710	930	ug/Kg
88-75-5	2-Nitrophenol	510	U	510	710	930	ug/Kg
105-67-9	2,4-Dimethylphenol	510	U	510	710	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	470	U	470	710	930	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	410	710	930	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	460	U	460	710	930	ug/Kg
65-85-0	Benzoic acid	1900		1300	1500	1800	ug/Kg
91-20-3	Naphthalene	450	U	450	710	930	ug/Kg
106-47-8	4-Chloroaniline	450	U	450	710	930	ug/Kg
87-68-3	Hexachlorobutadiene	450	U	450	710	930	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139133.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	470	U	470	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	420	710	930	ug/Kg
91-57-6	2-Methylnaphthalene	450	U	450	710	930	ug/Kg
77-47-4	Hexachlorocyclopentadiene	850	U	850	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	390	710	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	400	710	930	ug/Kg
92-52-4	1,1-Biphenyl	480	U	480	710	930	ug/Kg
91-58-7	2-Chloronaphthalene	450	U	450	710	930	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	710	930	ug/Kg
131-11-3	Dimethylphthalate	440	U	440	710	930	ug/Kg
208-96-8	Acenaphthylene	470	U	470	710	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	450	U	450	710	930	ug/Kg
99-09-2	3-Nitroaniline	490	U	490	710	930	ug/Kg
83-32-9	Acenaphthene	440	U	440	710	930	ug/Kg
Total PAH	Total PAH	47080	U	7220	710	14880	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	630	U	630	1500	1800	ug/Kg
132-64-9	Dibenzofuran	460	U	460	710	930	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	920	U	920	710	1860	ug/Kg
121-14-2	2,4-Dinitrotoluene	470	U	470	710	930	ug/Kg
84-66-2	Diethylphthalate	440	U	440	710	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	470	U	470	710	930	ug/Kg
86-73-7	Fluorene	470	U	470	710	930	ug/Kg
100-01-6	4-Nitroaniline	580	U	580	710	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	440	U	440	710	930	ug/Kg
103-33-3	Azobenzene	430	U	430	710	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	430	U	430	710	930	ug/Kg
118-74-1	Hexachlorobenzene	460	U	460	710	930	ug/Kg
1912-24-9	Atrazine	500	U	500	710	930	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139133.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	420	U	420	1500	1800	ug/Kg
85-01-8	Phenanthrene	3600		460	710	930	ug/Kg
120-12-7	Anthracene	520	J	460	710	930	ug/Kg
86-74-8	Carbazole	550	J	440	710	930	ug/Kg
84-74-2	Di-n-butylphthalate	460	U	460	710	930	ug/Kg
206-44-0	Fluoranthene	9400		440	710	930	ug/Kg
92-87-5	Benzidine	890	U	890	1500	1800	ug/Kg
129-00-0	Pyrene	6400		450	710	930	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	710	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540	U	540	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	3300		440	710	930	ug/Kg
218-01-9	Chrysene	4300		430	710	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	500	U	500	710	930	ug/Kg
117-84-0	Di-n-octyl phthalate	600	U	600	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300		440	710	930	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		450	710	930	ug/Kg
50-32-8	Benzo(a)pyrene	4200		510	710	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2800		430	710	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	J	440	710	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3200		440	710	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	470	U	470	710	930	ug/Kg
123-91-1	1,4-Dioxane	600	U	600	710	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	710	930	ug/Kg
90-12-0	1-Methylnaphthalene	450	U	450	930	930	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.21		18-112		50	SPK: -150
13127-88-3	Phenol-d6	71.49		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	64.475		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	64.92		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139133.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.79		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	60.815		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89053	6.898				
1146-65-2	Naphthalene-d8	293932	8.181				
15067-26-2	Acenaphthene-d10	136439	9.934				
1517-22-2	Phenanthrene-d10	225668	11.416				
1719-03-5	Chrysene-d12	167350	14.057				
1520-96-3	Perylene-d12	130180	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.175	
000080-56-8	.alpha.-Pinene	1800	J			6.181	
000472-07-1	Junenol	410	J			10.657	
004505-48-0	1H-Indene, 2-phenyl-	640	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	780	J			12.033	
000084-65-1	9,10-Anthracenedione	1100	J			12.233	
000243-17-4	11H-Benzo[b]fluorene	570	J			13.186	
000122-69-0	Cinnamyl cinnamate	2300	J			13.769	
000082-05-3	7H-Benz[de]anthracen-7-one	660	J			13.904	
000295-65-8	Cyclohexadecane	800	J			14.539	
	unknown14.839	520	J			14.839	
021964-49-8	1,13-Tetradecadiene	860	J			14.998	
000593-45-3	Octadecane	3600	J			15.198	
000192-97-2	Benzo[e]pyrene	3300	J			15.41	
014811-95-1	1,19-Eicosadiene	730	J			15.792	
000629-78-7	Heptadecane	1700	J			16.033	
	unknown16.092	1100	J			16.092	
	unknown16.851	1400	J			16.851	
000083-46-5	.beta.-Sitosterol	1200	J			17.639	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-909-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139133.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
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
BF139134.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	500	U	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	U	610	820	1100	ug/Kg
108-95-2	Phenol	520	U	520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	520	U	520	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	540	U	540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	540	U	540	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	520	U	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	U	570	820	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	500	U	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	500	500	ug/Kg
67-72-1	Hexachloroethane	520	U	520	820	1100	ug/Kg
98-95-3	Nitrobenzene	570	U	570	820	1100	ug/Kg
78-59-1	Isophorone	530	U	530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	590	U	590	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	540	U	540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	520	U	520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
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
BF139134.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	550	U	550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	820	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	820	1100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	820	1100	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	820	1100	ug/Kg
83-32-9	Acenaphthene	510	U	510	820	1100	ug/Kg
Total PAH	Total PAH	24540	U	8320	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	730	U	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	530	U	530	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060	U	1060	820	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	820	1100	ug/Kg
84-66-2	Diethylphthalate	500	U	500	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	820	1100	ug/Kg
86-73-7	Fluorene	540	U	540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	670	U	670	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	820	1100	ug/Kg
103-33-3	Azobenzene	500	U	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	530	U	530	820	1100	ug/Kg
1912-24-9	Atrazine	570	U	570	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
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
BF139134.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	2200		530	820	1100	ug/Kg
120-12-7	Anthracene	530	U	530	820	1100	ug/Kg
86-74-8	Carbazole	500	U	500	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	530	U	530	820	1100	ug/Kg
206-44-0	Fluoranthene	5300		510	820	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	3800		520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	610	U	610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	620	U	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2100		510	820	1100	ug/Kg
218-01-9	Chrysene	2200		500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	690	U	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3100		510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	940	J	520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2000		580	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	U	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		500	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	690	U	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.93		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.555		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	71.58		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	57.615		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	S-910-K1-0-0.5-081524	SDG No.:	BF082224
Lab Sample ID:	P3641-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.07 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
BF139134.D	5	8/16/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.965		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	48.54		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83526	6.898				
1146-65-2	Naphthalene-d8	273659	8.181				
15067-26-2	Acenaphthene-d10	129835	9.934				
1517-22-2	Phenanthrene-d10	217183	11.422				
1719-03-5	Chrysene-d12	157613	14.057				
1520-96-3	Perylene-d12	127168	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.175	
000832-69-9	Phenanthrene, 1-methyl-	740	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J			12.033	
000084-65-1	9,10-Anthracenedione	630	J			12.233	
000479-79-8	11H-Benzo[a]fluoren-11-one	440	J			13.692	
000112-95-8	Eicosane	1500	J			15.198	
000192-97-2	Benzo[e]pyrene	1600	J			15.41	
000629-94-7	Heneicosane	720	J			16.033	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	BF082224
Lab Sample ID:	P3671-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF139135.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93.1	U	93.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.6	U	96.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.5	U	97.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.3	U	97.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.7	U	96.7	310	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93	U	93	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47	U	47	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.6	U	98.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.5	U	99.5	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.2	U	96.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	BF082224
Lab Sample ID:	P3671-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF139135.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.3	U	90.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.1	U	97.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.2	U	95.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.9	U	96.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	150	200	ug/Kg
Total PAH	Total PAH	2410	U	1544.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	310	380	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.9	U	196.9	150	400	ug/Kg
84-66-2	Diethylphthalate	93.3	U	93.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.7	U	99.7	150	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.1	U	95.1	150	200	ug/Kg
103-33-3	Azobenzene	92.7	U	92.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.9	U	91.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99	U	99	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	BF082224
Lab Sample ID:	P3671-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF139135.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.1	U	90.1	310	380	ug/Kg
85-01-8	Phenanthrene	230		97.9	150	200	ug/Kg
120-12-7	Anthracene	98.3	U	98.3	150	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	150	200	ug/Kg
206-44-0	Fluoranthene	510		95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	360		96.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	94	150	200	ug/Kg
218-01-9	Chrysene	210		92.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	96.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	200		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	91	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		93.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.566		18-112		65	SPK: -150
13127-88-3	Phenol-d6	96.072		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	90.981		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	71.537		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	BF082224
Lab Sample ID:	P3671-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF139135.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.584		10-116		76	SPK: -150
1718-51-0	Terphenyl-d14	63.068		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85247	6.898				
1146-65-2	Naphthalene-d8	279964	8.181				
15067-26-2	Acenaphthene-d10	126845	9.934				
1517-22-2	Phenanthrene-d10	218265	11.416				
1719-03-5	Chrysene-d12	157920	14.057				
1520-96-3	Perylene-d12	125372	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.21	
	unknown3.416	140	J			3.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.122	
000470-82-6	Eucalyptol	84.7	J			7.057	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.487	
000118-65-0	Bicyclo[7.2.0]undec-4-ene, 4,11,11	570	J			9.592	
	unknown10.028	85.1	J			10.028	
000057-10-3	n-Hexadecanoic acid	320	J			11.945	
000122-69-0	Cinnamyl cinnamate	1300	J			13.774	
001599-67-3	1-Docosene	320	J			13.904	
000295-65-8	Cyclohexadecane	260	J			14.539	
062235-06-7	(3E,7E)-4,8,12-Trimethyltrideca-1,	210	J			14.921	
000544-76-3	Hexadecane	140	J			15.198	
000629-66-3	2-Nonadecanone	100	J			15.274	
000192-97-2	Benzo[e]pyrene	130	J			15.41	
000629-99-2	Pentacosane	90.9	J			16.033	
018835-33-1	1-Hexacosene	210	J			16.086	
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	200	J			17.645	

Hit Summary Sheet SW-846

SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-1-COMP								
P3640-01	SP-1-COMP	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P3640-01	SP-1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P3640-01	SP-1-COMP	Solid	7-Hexadecene, (Z)-	*	220.000	J		
P3640-01	SP-1-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P3640-01	SP-1-COMP	Solid	Cyclopentadecane	*	230.000	J		
P3640-01	SP-1-COMP	Solid	Dichloroacetic acid, heptadecyl es	*	260.000	J		
P3640-01	SP-1-COMP	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	76.400	J		
P3640-01	SP-1-COMP	Solid	Heptadecane	*	110.000	J		
P3640-01	SP-1-COMP	Solid	Hexacosane	*	79.700	J		
P3640-01	SP-1-COMP	Solid	n-Hexadecanoic acid	*	160.000	J		
P3640-01	SP-1-COMP	Solid	Oxirane, hexadecyl-	*	110.000	J		
P3640-01	SP-1-COMP	Solid	unknown10.027	*	85.200	J		
P3640-01	SP-1-COMP	Solid	unknown17.645	*	140.000	J		
P3640-01	SP-1-COMP	Solid	unknown18.474	*	74.600	J		
P3640-01	SP-1-COMP	Solid	unknown3.428	*	120.000	J		
Total Tics :					4,405.90			
P3640-01	SP-1-COMP	Solid	Benzo(g,h,i)perylene		140.000	J	88.3	190 ug/Kg
P3640-01	SP-1-COMP	Solid	Bis(2-ethylhexyl)phthalate		180.000	J	100	190 ug/Kg
P3640-01	SP-1-COMP	Solid	Fluoranthene		110.000	J	90	190 ug/Kg
Total Svoc :					430.00			
Total Concentration:					4,835.90			
Client ID : S-907-K1-0-0.5-081524								
P3641-01	S-907-K1-0-0.5-081524	Solid	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	*	240.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	1-Docosene	*	350.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	1-Hexacosene	*	320.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo[e]pyrene	*	270.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Butane, 2-methoxy-2-methyl-	*	3,200.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Cinnamyl cinnamate	*	300.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Cyclopentadecane	*	310.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Eucalyptol	*	600.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	n-Hexadecanoic acid	*	500.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Octadecanoic acid	*	170.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Pentacosane	*	220.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	Tetratetracontane	*	360.000	J		

Hit Summary Sheet SW-846

SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-01	S-907-K1-0-0.5-081524	Solid	unknown11.533	*	120.000	J		
P3641-01	S-907-K1-0-0.5-081524	Solid	unknown13.857	*	90.100	J		
Total Tics :				7,460.10				
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo(a)anthracene		240.000		100	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo(a)pyrene		300.000		120	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo(b)fluoranthene		430.000		100	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo(g,h,i)perylene		310.000		100	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Benzo(k)fluoranthene		190.000	J	110	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Chrysene		300.000		100	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Fluoranthene		580.000		110	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene		200.000	J	100	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Phenanthrene		190.000	J	110	220 ug/Kg
P3641-01	S-907-K1-0-0.5-081524	Solid	Pyrene		400.000		110	220 ug/Kg
Total Svoc :				3,140.00				
Total Concentration:				10,600.10				
Client ID : S-907-K1-0.5-1.0-081524								
P3641-02	S-907-K1-0.5-1.0-081524	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,900.000	J		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	Eucalyptol	*	170.000	J		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	140.000	J		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	Trichloroacetic acid, hexadecyl es	*	140.000	J		
P3641-02	S-907-K1-0.5-1.0-081524	Solid	unknown13.686	*	160.000	J		
Total Tics :				3,820.00				
P3641-02	S-907-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene		140.000	J	110	230 ug/Kg
Total Svoc :				140.00				
Total Concentration:				3,960.00				
Client ID : S-908-K1-0-0.5-081524								
P3641-03	S-908-K1-0-0.5-081524	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	730.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	.gamma.-Sitosterol	*	3,500.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	1-Eicosene	*	1,600.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	1-Heptacosanol	*	2,200.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	1H-Cycloprop[e]azulene, 1a,2,3,5	*	760.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	2-Pentacosanone	*	860.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	4-Methylheneicosane	*	930.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	9,10-Anthracenedione	*	640.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo[e]pyrene	*	1,600.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Cinnamyl cinnamate	*	1,100.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Eicosanal-	*	2,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-03	S-908-K1-0-0.5-081524	Solid	Heptadecane, 9-octyl-	*	6,500.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	n-Hexadecanoic acid	*	1,200.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Octadecanal	*	1,700.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Oxirane, hexadecyl-	*	2,400.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Pentacos-1-ene	*	760.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Pentacosane	*	3,700.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	Pentadecafluorooctanoic acid, oct:	*	920.000	J		
P3641-03	S-908-K1-0-0.5-081524	Solid	unknown17.368	*	1,100.000	J		
Total Tics :					36,600.00			
P3641-03	S-908-K1-0-0.5-081524	Solid	Acenaphthene		150.000	J	94.9	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Anthracene		420.000		98.8	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo(a)anthracene		1,800.000		94.5	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo(a)pyrene		1,900.000		110	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo(b)fluoranthene		2,800.000		94.9	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo(g,h,i)perylene		1,300.000		93.8	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzo(k)fluoranthene		940.000		96.7	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Benzoic acid		920.000		280	390 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Bis(2-ethylhexyl)phthalate		120.000	J	110	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Carbazole		260.000		94	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Chrysene		1,900.000		93.1	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Dibenzo(a,h)anthracene		330.000		95.1	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Fluoranthene		4,500.000	E	95.7	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Fluorene		140.000	J	100	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene		1,200.000		91.4	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Phenanthrene		2,400.000		98.3	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Pyrene		3,300.000	E	97.2	200 ug/Kg
P3641-03	S-908-K1-0-0.5-081524	Solid	Total PAH		23,080.000		1551.1	3200 ug/Kg
Total Svoc :					47,460.00			
Total Concentration:					84,060.00			
Client ID : S-908-K1-0.5-1.0-081524								
P3641-04	S-908-K1-0.5-1.0-081524	Solid	.alpha.-Pinene	*	140.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	.gamma.-Sitosterol	*	550.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	1,19-Eicosadiene	*	340.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	1-Octadecene	*	380.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	2-Nonadecanone	*	140.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	260.000	A		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo[e]pyrene	*	190.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Cinnamyl cinnamate	*	1,200.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Cyclohexadecane	*	220.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Eicosanal-	*	220.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Heneicosane	*	460.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Hexacosane	*	450.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Humulene	*	130.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	190.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	n-Tetracosanol-1	*	260.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Oxirane, heptadecyl-	*	350.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Triacontyl acetate	*	270.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	unknown17.080	*	150.000	J		
P3641-04	S-908-K1-0.5-1.0-081524	Solid	unknown17.362	*	160.000	J		
Total Tics :					8,060.00			
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo(a)anthracene		230.000	87.9	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo(a)pyrene		240.000	100	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo(b)fluoranthene		370.000	88.3	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene		260.000	87.2	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Benzo(k)fluoranthene	J	150.000	89.9	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Chrysene		260.000	86.6	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Fluoranthene		480.000	89	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Indeno(1,2,3-cd)pyrene	J	170.000	85	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Phenanthrene		240.000	91.5	190	ug/Kg
P3641-04	S-908-K1-0.5-1.0-081524	Solid	Pyrene		430.000	90.4	190	ug/Kg
Total Svoc :					2,830.00			
Total Concentration:					10,890.00			
Client ID : S-909-K1-0-0.5-081524								
P3641-05	S-909-K1-0-0.5-081524	Solid	.alpha.-Pinene	*	1,800.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	.beta.-Sitosterol	*	1,200.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	1,13-Tetradecadiene	*	860.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	1,19-Eicosadiene	*	730.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	11H-Benzo[b]fluorene	*	570.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	1H-Indene, 2-phenyl-	*	640.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	780.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	7H-Benz[de]anthracen-7-one	*	660.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	9,10-Anthracenedione	*	1,100.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo[e]pyrene	*	3,300.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Cinnamyl cinnamate	*	2,300.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Cyclohexadecane	*	800.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Heptadecane	*	1,700.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Junenol	*	410.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	Octadecane	*	3,600.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-05	S-909-K1-0-0.5-081524	Solid	unknown14.839	*	520.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	unknown16.092	*	1,100.000	J		
P3641-05	S-909-K1-0-0.5-081524	Solid	unknown16.851	*	1,400.000	J		
Total Tics :				25,670.00				
P3641-05	S-909-K1-0-0.5-081524	Solid	Anthracene	520.000	J	460	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo(a)anthracene	3,300.000		440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo(a)pyrene	4,200.000		510	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo(b)fluoranthene	6,300.000		440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo(g,h,i)perylene	3,200.000		440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzo(k)fluoranthene	2,300.000		450	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Benzoic acid	1,900.000		1300	1800	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Carbazole	550.000	J	440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Chrysene	4,300.000		430	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Dibenzo(a,h)anthracene	760.000	J	440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Fluoranthene	9,400.000		440	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene	2,800.000		430	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Phenanthrene	3,600.000		460	930	ug/Kg
P3641-05	S-909-K1-0-0.5-081524	Solid	Pyrene	6,400.000		450	930	ug/Kg
Total Svoc :				49,530.00				
Total Concentration:				75,200.00				

Client ID : S-909-K1-0.5-1.0-081524

P3641-06	S-909-K1-0.5-1.0-081524	Solid	.beta.-Sitosterol	*	1,100.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	1,19-Eicosadiene	*	450.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	1-Docosene	*	690.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	1-Octadecene	*	300.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	290.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	9,10-Anthracenedione	*	380.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo[e]pyrene	*	1,200.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	*	520.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Carbonic acid, eicosyl vinyl ester	*	250.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Cinnamyl cinnamate	*	780.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	E-7-Octadecene	*	1,800.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Heneicosane	*	760.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Junol	*	350.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	530.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Oxirane, heptadecyl-	*	520.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Oxirane, tridecyl-	*	390.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Picene	*	560.000	J		
P3641-06	S-909-K1-0.5-1.0-081524	Solid	unknown16.445	*	250.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-06	S-909-K1-0.5-1.0-081524	Solid	unknown18.698	*	270.000	J		
Total Tics :					13,190.00			
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Anthracene	170.000	J	89.7	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo(a)anthracene	1,100.000		85.8	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo(a)pyrene	1,400.000		98.8	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo(b)fluoranthene	2,100.000		86.2	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene	950.000		85.1	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzo(k)fluoranthene	730.000		87.8	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Benzoic acid	520.000		250	350	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Carbazole	160.000	J	85.3	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Chrysene	1,400.000		84.5	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Dibenzo(a,h)anthracene	230.000		86.3	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Fluoranthene	2,600.000		86.8	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Indeno(1,2,3-cd)pyrene	900.000		83	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Phenanthrene	1,100.000		89.3	180	ug/Kg
P3641-06	S-909-K1-0.5-1.0-081524	Solid	Pyrene	1,800.000		88.2	180	ug/Kg
Total Svoc :					15,160.00			
Total Concentration:					28,350.00			

Client ID : S-910-K1-0-0.5-081524

P3641-07	S-910-K1-0-0.5-081524	Solid	11H-Benzo[a]fluoren-11-one	*	440.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	540.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	9,10-Anthracenedione	*	630.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo[e]pyrene	*	1,600.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	Eicosane	*	1,500.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	Heneicosane	*	720.000	J		
P3641-07	S-910-K1-0-0.5-081524	Solid	Phenanthrene, 1-methyl-	*	740.000	J		
Total Tics :					8,970.00			
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo(a)anthracene	2,100.000		510	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo(a)pyrene	2,000.000		580	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo(b)fluoranthene	3,100.000		510	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo(g,h,i)perylene	1,700.000		500	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Benzo(k)fluoranthene	940.000	J	520	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Chrysene	2,200.000		500	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Fluoranthene	5,300.000		510	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		490	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Phenanthrene	2,200.000		530	1100	ug/Kg
P3641-07	S-910-K1-0-0.5-081524	Solid	Pyrene	3,800.000		520	1100	ug/Kg
Total Svoc :					24,540.00			

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SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				33,510.00				
Client ID : S-910-K1-0.5-1.0-081524-FD								
P3641-08	S-910-K1-0.5-1.0-081524	Solid	.gamma.-Sitosterol	*	780.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	1-Docosene	*	240.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	1-Eicosene	*	550.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	11H-Benzo[a]fluoren-11-one	*	200.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	16-Heptadecenal	*	860.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	1H-3a,7-Methanoazulene, octahy	*	570.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	310.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	9,10-Anthracenedione	*	320.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Behenic alcohol	*	800.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo[e]pyrene	*	1,100.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Cyclopentane, (4-octyldodecyl)-	*	410.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Heptafluorobutyric acid, n-octade	*	2,900.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Hexacosanal	*	600.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Hexacosane	*	1,400.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	530.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Nonadecane	*	300.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Octadecanal	*	740.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Raseglurant, N-methyl	*	210.000	J		
P3641-08	S-910-K1-0.5-1.0-081524	Solid	unknown14.839	*	320.000	J		
Total Tics :				14,640.00				
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Anthracene		210.000	J	110	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)anthracene		1,300.000		100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)pyrene		1,200.000		120	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo(b)fluoranthene		1,900.000		100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene		750.000		100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzo(k)fluoranthene		680.000		110	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Benzoic acid		480.000		300	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Carbazole		110.000	J	100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Chrysene		1,400.000		100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Dibenzo(a,h)anthracene		210.000	J	100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Fluoranthene		2,600.000		100	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Indeno(1,2,3-cd)pyrene		700.000		99.8	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Phenanthrene		980.000		110	ug/Kg
P3641-08	S-910-K1-0.5-1.0-081524	Solid	Pyrene		1,800.000		110	ug/Kg
Total Svoc :				14,320.00				
Total Concentration:				28,960.00				

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SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-910-K1-0.5-1.0-081524								
P3641-09	S-910-K1-0.5-1.0-081524	Solid	.beta.-Sitosterol	*	140.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	1-Docosene	*	450.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	5-Eicosene, (E)-	*	310.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	5-Pyrrolidin-2-ylidenemethyl-3,4-	*	130.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	9,10-Anthracenedione	*	110.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo[e]pyrene	*	330.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Docosyl pentafluoropropionate	*	290.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	E-7-Octadecene	*	800.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Eicosane	*	260.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Eucalyptol	*	280.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	450.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	n-Nonadecanol-1	*	420.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Oxirane, heptadecyl-	*	320.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Tetracosanal	*	120.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Tetradecanal	*	170.000	J		
P3641-09	S-910-K1-0.5-1.0-081524	Solid	unknown13.863	*	210.000	J		
Total Tics :					7,060.00			
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)anthracene		530.000	93.9	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)pyrene		480.000	110	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo(b)fluoranthene		680.000	94.3	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene		350.000	93.2	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Benzo(k)fluoranthene		320.000	96.1	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Chrysene		520.000	92.5	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Fluoranthene		970.000	95	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Indeno(1,2,3-cd)pyrene		260.000	90.8	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Phenanthrene		400.000	97.7	200	ug/Kg
P3641-09	S-910-K1-0.5-1.0-081524	Solid	Pyrene		730.000	96.5	200	ug/Kg
Total Svoc :					5,240.00			
Total Concentration:					12,300.00			
Client ID : S-910-K1-0.5-1.0-081524-FD								
P3641-10	S-910-K1-0.5-1.0-081524	Solid	1-Docosene	*	290.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	1-Heptacosanol	*	440.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	1-Octadecene	*	340.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	16-Heptadecenal	*	190.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3641-10	S-910-K1-0.5-1.0-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	9,10-Anthracenedione	*	150.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo[e]pyrene	*	400.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	E-7-Octadecene	*	850.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Eucalyptol	*	230.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	n-Hexadecanoic acid	*	500.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Octadecane	*	360.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Oxirane, heptadecyl-	*	330.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Oxirane, hexadecyl-	*	140.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Stigmasta-3,5-diene	*	160.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Tetradecanoic acid	*	120.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	unknown11.851	*	140.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	unknown14.921	*	170.000	J		
P3641-10	S-910-K1-0.5-1.0-081524	Solid	unknown17.257	*	250.000	J		
Total Tics :					7,420.00			
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)anthracene		560.000	99.5	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo(a)pyrene		530.000	110	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo(b)fluoranthene		730.000	100	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo(g,h,i)perylene		370.000	98.7	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Benzo(k)fluoranthene		360.000	100	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Chrysene		560.000	98	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Fluoranthene		1,200.000	100	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Indeno(1,2,3-cd)pyrene		290.000	96.3	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Phenanthrene		440.000	100	210	ug/Kg
P3641-10	S-910-K1-0.5-1.0-081524	Solid	Pyrene		780.000	100	210	ug/Kg
Total Svoc :					5,820.00			
Total Concentration:					13,240.00			
Client ID : S-902-J-0-0.5-081624DL								
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Anthracene		960.000	JD 540	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Benzo(a)anthracene		2,200.000	D 510	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Benzo(a)pyrene		2,100.000	D 590	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Benzo(b)fluoranthene		2,300.000	D 520	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Benzo(g,h,i)perylene		1,600.000	D 510	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Benzo(k)fluoranthene		1,100.000	D 530	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Chrysene		2,100.000	D 510	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Fluoranthene		5,500.000	D 520	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D 500	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Phenanthrene		3,700.000	D 530	1100	ug/Kg
P3660-03DL	S-902-J-0-0.5-081624DL	Solid	Pyrene		3,700.000	D 530	1100	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				26,360.00				
Total Concentration:				26,360.00				
Client ID :	S-902-0.5-1-081624DL							
P3660-04DL	S-902-0.5-1-081624DL	Solid	Anthracene	1,400.000	D	540	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Benzo(a)anthracene	2,600.000	D	520	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Benzo(a)pyrene	2,400.000	D	600	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Benzo(b)fluoranthene	2,600.000	D	520	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Benzo(g,h,i)perylene	1,700.000	D	510	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Benzo(k)fluoranthene	1,300.000	D	530	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Carbazole	660.000	JD	520	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Chrysene	2,400.000	D	510	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Fluoranthene	6,300.000	D	520	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Indeno(1,2,3-cd)pyrene	1,200.000	D	500	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Phenanthrene	4,900.000	D	540	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Pyrene	4,400.000	D	530	1100	ug/Kg
P3660-04DL	S-902-0.5-1-081624DL	Solid	Total PAH	31,200.000	D	8500	17600	ug/Kg
Total Svoc :				63,060.00				
Total Concentration:				63,060.00				
Client ID :	914-J-SD-0-0.5-081624							
P3663-03	914-J-SD-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl *	340.000	A			
P3663-03	914-J-SD-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl- *	3,600.000	J			
P3663-03	914-J-SD-0-0.5-081624	Solid	n-Hexadecanoic acid *	490.000	J			
P3663-03	914-J-SD-0-0.5-081624	Solid	Naphthalene, decahydro-4a-methy *	200.000	J			
P3663-03	914-J-SD-0-0.5-081624	Solid	Octadecanoic acid *	220.000	J			
P3663-03	914-J-SD-0-0.5-081624	Solid	Pyrene, 1-methyl- *	160.000	J			
P3663-03	914-J-SD-0-0.5-081624	Solid	Trifluoroacetoxy hexadecane *	250.000	J			
Total Tics :				5,260.00				
P3663-03	914-J-SD-0-0.5-081624	Solid	Benzo(a)anthracene	180.000	J	170	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Benzo(b)fluoranthene	190.000	J	170	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Benzo(g,h,i)perylene	280.000	J	170	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Chrysene	180.000	J	170	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Fluoranthene	310.000	J	170	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Phenanthrene	230.000	J	180	360	ug/Kg
P3663-03	914-J-SD-0-0.5-081624	Solid	Pyrene	330.000	J	180	360	ug/Kg
Total Svoc :				1,700.00				
Total Concentration:				6,960.00				
Client ID :	915-J-SD-0-0.5-081624							
P3663-09	915-J-SD-0-0.5-081624	Solid	11H-Benzo[a]fluoren-11-one *	190.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	11H-Benzo[a]fluorene *	160.000	J			

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-09	915-J-SD-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl *	350.000	A			
P3663-09	915-J-SD-0-0.5-081624	Solid	4H-Cyclopenta[def]phenanthrene *	400.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	9,10-Anthracenedione *	340.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Anthracene, 2-methyl- *	320.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene *	220.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo[e]pyrene *	930.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl- *	2,700.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Fluoranthene, 2-methyl- *	240.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Heptadecane *	290.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	Octadecane *	780.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	unknown14.592 *	150.000	J			
P3663-09	915-J-SD-0-0.5-081624	Solid	unknown14.845 *	180.000	J			
Total Tics :				7,250.00				
P3663-09	915-J-SD-0-0.5-081624	Solid	Anthracene	220.000	J	190	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(a)anthracene	1,100.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(a)pyrene	1,200.000		210	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(b)fluoranthene	1,800.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(g,h,i)perylene	840.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(k)fluoranthene	590.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Chrysene	1,400.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Dibenzo(a,h)anthracene	190.000	J	180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Fluoranthene	3,300.000		180	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Indeno(1,2,3-cd)pyrene	670.000		170	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Phenanthrene	1,700.000		190	380	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Pyrene	2,100.000		180	380	ug/Kg
Total Svoc :				15,110.00				
Total Concentration:				22,360.00				
Client ID : 915-J-SD-0.5-1-081624DL								
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Anthracene	2,400.000	D	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Benzo(a)anthracene	10,400.000	D	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Benzo(a)pyrene	10,200.000	D	1200	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Benzo(b)fluoranthene	12,500.000	D	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Benzo(g,h,i)perylene	5,700.000	D	1000	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Benzo(k)fluoranthene	4,500.000	D	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Carbazole	1,100.000	JD	1000	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Chrysene	10,400.000	D	1000	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Dibenzo(a,h)anthracene	1,300.000	JD	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Fluoranthene	27,600.000	D	1100	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Indeno(1,2,3-cd)pyrene	5,000.000	D	1000	2200	ug/Kg
P3663-10DL	915-J-SD-0.5-1-081624D	Solid	Phenanthrene	13,800.000	D	1100	2200	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-10DL	915-J-SD-0.5-1-081624	Solid	Pyrene	19,200.000	D	1100	2200	ug/Kg
Total Svoc :				124,100.00				
Total Concentration:				124,100.00				
Client ID : 919-J-SD-0.5-1-081624								
P3663-11	919-J-SD-0.5-1-081624	Solid	11H-Benzo[a]fluorene	*	360.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	710.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	620.000	A		
P3663-11	919-J-SD-0.5-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	840.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	290.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo[e]pyrene	*	1,600.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	5,500.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Heneicosane	*	730.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Heptadecane	*	210.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Hexadecane	*	1,700.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Naphthalene, 2-phenyl-	*	310.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Phenanthrene, 1-methyl-	*	250.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	Pyrene, 1-methyl-	*	260.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	unknown13.898	*	430.000	J		
P3663-11	919-J-SD-0.5-1-081624	Solid	unknown13.968	*	230.000	J		
Total Tics :				14,040.00				
P3663-11	919-J-SD-0.5-1-081624	Solid	Anthracene		550.000	250	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo(a)anthracene		2,700.000	240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo(a)pyrene		2,500.000	280	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo(b)fluoranthene		3,000.000	240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo(g,h,i)perylene		1,400.000	240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Benzo(k)fluoranthene		1,100.000	250	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Bis(2-ethylhexyl)phthalate		400.000	J 270	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Carbazole		280.000	J 240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Chrysene		2,400.000	240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Dibenzo(a,h)anthracene		320.000	J 240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Fluoranthene		6,400.000	240	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Indeno(1,2,3-cd)pyrene		1,200.000	230	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Phenanthrene		3,400.000	250	510	ug/Kg
P3663-11	919-J-SD-0.5-1-081624	Solid	Pyrene		4,600.000	250	510	ug/Kg
Total Svoc :				30,250.00				
Total Concentration:				44,290.00				
Client ID : 919-J-SD-0.1-081624								
P3663-12	919-J-SD-0.1-081624	Solid	1-Hexacosene	*	390.000	J		
P3663-12	919-J-SD-0.1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	1,000.000	A		

Hit Summary Sheet SW-846

SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-12	919-J-SD-0-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	460.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Anthracene, 1-methyl-	*	790.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Benzo[e]pyrene	*	1,000.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	8,900.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Hexadecane	*	820.000	J		
Total Tics :					13,360.00			
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(a)anthracene		1,600.000	450	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(a)pyrene		1,600.000	510	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(b)fluoranthene		2,100.000	450	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(g,h,i)perylene		1,300.000	440	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(k)fluoranthene		990.000	460	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Chrysene		1,900.000	440	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Fluoranthene		4,300.000	450	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Indeno(1,2,3-cd)pyrene		830.000	J 430	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Phenanthrene		2,100.000	460	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Pyrene		2,800.000	460	940	ug/Kg
Total Svoc :					19,520.00			
Total Concentration:					32,880.00			
Client ID : S-903-J-SO-0.5-1.0-081924								
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	(3E,7E)-4,8,12-Trimethyltrideca-1	*	210.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	1-Docosene	*	320.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	1-Hexacosene	*	210.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	2-Nonadecanone	*	100.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo[e]pyrene	*	130.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Bicyclo[7.2.0]undec-4-ene, 4,11,1	*	570.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Cholest-5-ene, 3-ethoxy-, (3.beta.	*	200.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Cinnamyl cinnamate	*	1,300.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Cyclohexadecane	*	260.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Eucalyptol	*	84.700	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Hexadecane	*	140.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	n-Hexadecanoic acid	*	320.000	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Pentacosane	*	90.900	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	unknown10.028	*	85.100	J		
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	unknown3.416	*	140.000	J		
Total Tics :					6,700.70			
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo(a)anthracene		190.000	J 94	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo(a)pyrene		200.000	110	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo(b)fluoranthene	250.000		94.5	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo(g,h,i)perylene	220.000		93.3	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Benzo(k)fluoranthene	130.000	J	96.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Chrysene	210.000		92.6	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Fluoranthene	510.000		95.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	91	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Phenanthrene	230.000		97.9	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	Solid	Pyrene	360.000		96.7	200	ug/Kg
Total Svoc :						2,410.00		
Total Concentration:						9,110.70		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082024 SAS No.: BF082024 SDG No.: BF082024
Instrument ID: _____ Calibration Date(s): 8/20/2024 : _____
Calibration Time(s): 17:10 _____

LAB FILE ID:		RRF2.5 = BF139078.D		RRF005 = BF139079.D		RRF010 = BF139080.D		
		RRF020 = BF139081.D		RRF040 = BF139082.D		RRF050 = BF139083.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		1.227	0.804	0.822	0.794	0.769	0.856	19.2
Pyridine		1.553	1.469	1.544	1.361	1.323	1.417	7.5
2-Fluorophenol		1.671	1.315	1.335	1.225	1.182	1.300	13.5
Benzaldehyde			1.182	1.163	0.921	0.843	0.985	17.8
Aniline		1.903	1.548	1.626	1.511	1.469	1.516	15.1
Phenol-d6		2.058	1.698	1.737	1.612	1.545	1.680	11.0
Phenol		2.131	1.793	1.839	1.709	1.607	1.748	11.5
bis(2-Chloroethyl)ether		1.913	1.323	1.374	1.261	1.209	1.406	16.9
2-Chlorophenol		1.529	1.254	1.309	1.194	1.161	1.250	11.0
1,2-Dichlorobenzene		1.512	1.459	1.483	1.341	1.277	1.374	8.0
1,3-Dichlorobenzene		1.853	1.533	1.576	1.434	1.373	1.503	11.7
1,4-Dichlorobenzene		1.803	1.560	1.572	1.440	1.381	1.503	10.5
Benzyl Alcohol		1.608	1.313	1.366	1.280	1.225	1.328	10.0
2-Methylphenol		1.249	1.086	1.114	1.029	0.999	1.070	8.5
2,2-oxybis(1-Chloropropane)		2.693	1.975	2.043	1.850	1.768	1.980	16.9
Acetophenone		0.542	0.529	0.538	0.504	0.488	0.511	4.9
3+4-Methylphenols		1.706	1.418	1.446	1.348	1.258	1.386	11.7
n-Nitroso-di-n-propylamine	1.348	1.435	1.039	1.089	1.005	0.955	1.103	16.7
Nitrobenzene-d5		0.274	0.288	0.336	0.360	0.365	0.343	13.6
Hexachloroethane		0.677	0.502	0.532	0.507	0.485	0.527	12.9
Nitrobenzene		0.328	0.335	0.382	0.395	0.395	0.382	9.7
Isophorone		0.768	0.748	0.752	0.717	0.693	0.730	3.7
2-Nitrophenol		0.064	0.075	0.100	0.118	0.126	0.110	28.5
2,4-Dimethylphenol		0.275	0.227	0.234	0.223	0.219	0.231	8.7
bis(2-Chloroethoxy)methane		0.489	0.438	0.440	0.410	0.393	0.426	7.8
2,4-Dichlorophenol		0.293	0.290	0.299	0.287	0.278	0.288	2.6
1,2,4-Trichlorobenzene		0.370	0.350	0.352	0.331	0.314	0.337	6.2
Benzoic acid			0.100	0.133	0.167	0.183	0.167	26.4
Naphthalene		1.090	1.062	1.071	0.997	0.945	1.014	6.1
4-Chloroaniline		0.357	0.355	0.363	0.347	0.330	0.347	3.5
Hexachlorobutadiene		0.234	0.233	0.231	0.216	0.206	0.220	5.5
Caprolactam		0.090	0.091	0.092	0.092	0.089	0.091	1.8
4-Chloro-3-methylphenol		0.333	0.314	0.329	0.319	0.304	0.319	3.1
2-Methylnaphthalene		0.758	0.678	0.678	0.629	0.598	0.650	9.1
Hexachlorocyclopentadiene		0.202	0.192	0.218	0.214	0.211	0.210	4.9
2,4,6-Trichlorophenol		0.408	0.364	0.378	0.356	0.360	0.370	5.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082024 SAS No.: BF082024 SDG No.: BF082024
Instrument ID: _____ Calibration Date(s): 8/20/2024 : _____
Calibration Time(s): 17:10 _____

LAB FILE ID:		RRF2.5 = BF139078.D		RRF005 = BF139079.D		RRF010 = BF139080.D		
		RRF020 = BF139081.D		RRF040 = BF139082.D		RRF050 = BF139083.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.526	1.341	1.326	1.207	1.147	1.261	11.6
2,4,5-Trichlorophenol		0.401	0.359	0.384	0.386	0.363	0.379	3.7
1,1-Biphenyl		1.333	1.479	1.479	1.374	1.301	1.370	5.8
2-Chloronaphthalene		1.208	1.165	1.171	1.087	1.047	1.113	6.0
2-Nitroaniline		0.160	0.170	0.235	0.285	0.304	0.262	28.8
Dimethylphthalate		1.239	1.281	1.295	1.236	1.181	1.235	3.5
Acenaphthylene		1.656	1.666	1.690	1.587	1.523	1.595	4.8
2,6-Dinitrotoluene		0.093	0.147	0.202	0.236	0.243	0.206	30.8
3-Nitroaniline		0.123	0.151	0.211	0.241	0.243	0.213	25.9
Acenaphthene		1.181	1.076	1.072	1.027	0.985	1.053	6.2
2,4-Dinitrophenol			0.036	0.049	0.072	0.080	0.074	37.0
4-Nitrophenol			0.131	0.169	0.195	0.199	0.187	17.1
Dibenzofuran		1.611	1.620	1.623	1.518	1.441	1.530	5.8
2,4-Dinitrotoluene		0.109	0.165	0.229	0.289	0.297	0.250	34.3
Diethylphthalate		1.275	1.237	1.267	1.222	1.175	1.223	3.3
4-Chlorophenyl-phenylether		0.703	0.642	0.636	0.589	0.573	0.611	8.5
Fluorene		1.395	1.280	1.273	1.195	1.142	1.223	8.1
4-Nitroaniline		0.139	0.164	0.213	0.244	0.248	0.219	22.7
4,6-Dinitro-2-methylphenol			0.031	0.046	0.064	0.071	0.064	33.8
n-Nitrosodiphenylamine		0.707	0.606	0.613	0.571	0.544	0.592	9.8
Azobenzene		1.521	1.378	1.395	1.334	1.296	1.360	6.1
2,4,6-Tribromophenol		0.132	0.174	0.191	0.190	0.187	0.181	12.6
4-Bromophenyl-phenylether		0.228	0.217	0.226	0.207	0.199	0.212	5.5
Hexachlorobenzene		0.255	0.229	0.231	0.220	0.215	0.227	5.9
Atrazine		0.241	0.198	0.197	0.147	0.164	0.181	18.4
Pentachlorophenol		0.135	0.131	0.147	0.149	0.148	0.145	6.2
Phenanthrene		1.228	1.053	1.066	0.968	0.938	1.017	10.8
Anthracene		1.172	1.037	1.035	0.953	0.924	0.994	9.5
Carbazole		1.112	0.959	0.976	0.892	0.865	0.928	10.5
Di-n-butylphthalate		1.373	1.077	1.098	1.019	0.987	1.076	12.9
Fluoranthene		1.275	1.159	1.152	1.050	1.001	1.085	10.6
Benzidine		0.410	0.361	0.368	0.505	0.439	0.413	12.0
Pyrene		1.566	1.495	1.606	1.688	1.704	1.669	7.3
Terphenyl-d14		1.099	1.121	1.144	1.212	1.243	1.205	7.2
Butylbenzylphthalate		0.492	0.497	0.564	0.610	0.604	0.577	10.7
3,3-Dichlorobenzidine		0.429	0.419	0.407	0.349	0.329	0.367	13.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082024 SAS No.: BF082024 SDG No.: BF082024
Instrument ID: _____ Calibration Date(s): 8/20/2024 : _____
Calibration Time(s): 17:10 _____

LAB FILE ID:		RRF2.5 = BF139078.D			RRF005 = BF139079.D		RRF010 = BF139080.D	
		RRF020 = BF139081.D			RRF040 = BF139082.D		RRF050 = BF139083.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.478	1.343	1.346	1.301	1.232	1.315	6.6
Chrysene		1.229	1.245	1.288	1.153	1.111	1.192	5.3
Bis(2-ethylhexyl)phthalate		0.749	0.719	0.757	0.779	0.764	0.765	3.6
Di-n-octyl phthalate		1.238	1.050	1.094	1.030	0.998	1.074	7.2
Benzo(b)fluoranthene		1.474	1.391	1.390	1.257	1.153	1.304	9.3
Benzo(k)fluoranthene		1.051	1.220	1.288	1.076	1.019	1.086	11.4
Benzo(a)pyrene		1.052	1.068	1.087	1.014	0.981	1.030	3.9
Indeno(1,2,3-cd)pyrene		0.909	0.873	1.124	1.298	1.308	1.171	17.6
Dibenzo(a,h)anthracene		0.745	0.724	0.922	1.078	1.071	0.961	17.3
Benzo(g,h,i)perylene		0.641	0.713	0.968	1.106	1.102	0.969	21.5
1,2,4,5-Tetrachlorobenzene		0.904	0.595	0.595	0.560	0.531	0.609	21.8
1,4-Dioxane		0.591	0.579	0.579	0.553	0.528	0.558	4.7
2,3,4,6-Tetrachlorophenol		0.259	0.297	0.325	0.313	0.306	0.305	7.3
1-Methylnaphthalene		0.677	0.662	0.666	0.613	0.585	0.627	6.4

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.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 10:54

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	116386	6.899	419218	8.18	240364	9.93
	UPPER LIMIT	232772	7.399	838436	8.681	480728	10.434
	LOWER LIMIT	58193	6.399	209609	7.681	120182	9.434
	EPA SAMPLE NO.						
01	PB162782BL	86825	6.90	330923	8.18	195333	9.93
02	PB162687BS	97452	6.90	363464	8.18	218661	9.94
03	PB162687BSD	98594	6.90	365831	8.18	213614	9.94
04	S-908-K1-0.5-1.0-081524	93720	6.90	354044	8.18	202983	9.93
05	914-J-SD-0-0.5-081624	93886	6.90	363216	8.18	206333	9.93
06	S-907-K1-0.5-1.0-081524	99830	6.90	364776	8.18	205382	9.93
07	SP-1-COMP	98107	6.90	355120	8.18	192433	9.93
08	S-909-K1-0.5-1.0-081524	99701	6.90	365151	8.18	181246	9.93
09	S-910-K1-0.5-1.0-081524-FD	79829	6.90	281865	8.18	132654	9.93
10	S-910-K1-0.5-1.0-081524	95054	6.90	339289	8.18	172491	9.93
11	S-910-K1-0.5-1.0-081524-FD	87146	6.90	299994	8.18	137580	9.93
12	S-907-K1-0-0.5-081524	81947	6.90	283880	8.18	133415	9.93
13	915-J-SD-0-0.5-081624	90408	6.90	314044	8.18	149707	9.93
14	919-J-SD-0-0.5-1-081624	81256	6.90	286743	8.18	137735	9.93
15	919-J-SD-0-1-081624	74682	6.90	259603	8.18	125045	9.93
16	S-908-K1-0-0.5-081524	83864	6.90	280884	8.18	125689	9.93
17	S-902-J-0-0.5-081624DL	79112	6.90	266147	8.18	127618	9.93
18	S-902-0.5-1-081624DL	78032	6.90	259444	8.18	124374	9.93
19	915-J-SD-0.5-1-081624DL	76169	6.90	254689	8.18	119411 *	9.93
20	S-909-K1-0-0.5-081524	89053	6.90	293932	8.18	136439	9.93
21	S-910-K1-0-0.5-081524	83526	6.90	273659	8.18	129835	9.93
22	S-903-J-SO-0.5-1.0-081924	85247	6.90	279964	8.18	126845	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 21:20

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	116386	6.899	419218	8.18	240364	9.93
UPPER LIMIT	232772	7.399	838436	8.681	480728	10.434
LOWER LIMIT	58193	6.399	209609	7.681	120182	9.434
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139113.D

Time Analyzed: 10:54

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	92822	6.898	343989	8.18	206423	9.93
	UPPER LIMIT	185644	7.398	687978	8.681	412846	10.433
	LOWER LIMIT	46411	6.398	171994.5	7.681	103211.5	9.433
	EPA SAMPLE NO.						
01	PB162782BL	86825	6.90	330923	8.18	195333	9.93
02	PB162687BS	97452	6.90	363464	8.18	218661	9.94
03	PB162687BSD	98594	6.90	365831	8.18	213614	9.94
04	S-908-K1-0.5-1.0-081524	93720	6.90	354044	8.18	202983	9.93
05	914-J-SD-0-0.5-081624	93886	6.90	363216	8.18	206333	9.93
06	S-907-K1-0.5-1.0-081524	99830	6.90	364776	8.18	205382	9.93
07	SP-1-COMP	98107	6.90	355120	8.18	192433	9.93
08	S-909-K1-0.5-1.0-081524	99701	6.90	365151	8.18	181246	9.93
09	S-910-K1-0.5-1.0-081524-FD	79829	6.90	281865	8.18	132654	9.93
10	S-910-K1-0.5-1.0-081524	95054	6.90	339289	8.18	172491	9.93
11	S-910-K1-0.5-1.0-081524-FD	87146	6.90	299994	8.18	137580	9.93
12	S-907-K1-0-0.5-081524	81947	6.90	283880	8.18	133415	9.93
13	915-J-SD-0-0.5-081624	90408	6.90	314044	8.18	149707	9.93
14	919-J-SD-0-0.5-1-081624	81256	6.90	286743	8.18	137735	9.93
15	919-J-SD-0-1-081624	74682	6.90	259603	8.18	125045	9.93
16	S-908-K1-0-0.5-081524	83864	6.90	280884	8.18	125689	9.93
17	S-902-J-0-0.5-081624DL	79112	6.90	266147	8.18	127618	9.93
18	S-902-0.5-1-081624DL	78032	6.90	259444	8.18	124374	9.93
19	915-J-SD-0.5-1-081624DL	76169	6.90	254689	8.18	119411	9.93
20	S-909-K1-0-0.5-081524	89053	6.90	293932	8.18	136439	9.93
21	S-910-K1-0-0.5-081524	83526	6.90	273659	8.18	129835	9.93
22	S-903-J-SO-0.5-1.0-081924	85247	6.90	279964	8.18	126845	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139113.D Time Analyzed: 21:20

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	92822	6.898	343989	8.18	206423	9.93
UPPER LIMIT	185644	7.398	687978	8.681	412846	10.433
LOWER LIMIT	46411	6.398	171994.5	7.681	103211.5	9.433
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.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 10:54

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	434981	11.422	276906	14.057	215524	15.533
	UPPER LIMIT	869962	11.922	553812	14.557	431048	16.033
	LOWER LIMIT	217490.5	10.922	138453	13.557	107762	15.033
	EPA SAMPLE NO.						
01	PB162782BL	369564	11.42	295723	14.06	242965	15.53
02	PB162687BS	399434	11.42	238276	14.06	208759	15.54
03	PB162687BSD	389288	11.42	242651	14.06	204282	15.53
04	S-908-K1-0.5-1.0-081524	344082	11.42	188310	14.06	190875	15.53
05	914-J-SD-0-0.5-081624	363483	11.42	194565	14.06	198854	15.53
06	S-907-K1-0.5-1.0-081524	314086	11.42	194609	14.06	190955	15.53
07	SP-1-COMP	280802	11.42	192992	14.06	181320	15.53
08	S-909-K1-0.5-1.0-081524	252789	11.42	188524	14.06	156127	15.54
09	S-910-K1-0.5-1.0-081524-FD	198920 *	11.42	159676	14.06	132552	15.53
10	S-910-K1-0.5-1.0-081524	240499	11.42	172106	14.06	136165	15.53
11	S-910-K1-0.5-1.0-081524-FD	204095 *	11.42	165237	14.06	128213	15.53
12	S-907-K1-0-0.5-081524	204551 *	11.42	164631	14.06	129640	15.53
13	915-J-SD-0-0.5-081624	222720	11.42	172003	14.06	132740	15.53
14	919-J-SD-0-0.5-1-081624	199428 *	11.42	145183	14.06	113682	15.53
15	919-J-SD-0-1-081624	194651 *	11.42	149810	14.06	119715	15.53
16	S-908-K1-0-0.5-081524	197256 *	11.42	138893	14.06	111251	15.54
17	S-902-J-0-0.5-081624DL	202035 *	11.42	153592	14.06	120624	15.53
18	S-902-0.5-1-081624DL	200601 *	11.42	154409	14.06	120105	15.53
19	915-J-SD-0.5-1-081624DL	201529 *	11.42	153727	14.06	120705	15.53
20	S-909-K1-0-0.5-081524	225668	11.42	167350	14.06	130180	15.53
21	S-910-K1-0-0.5-081524	217183 *	11.42	157613	14.06	127168	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 21:20

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	434981	11.422	276906	14.057	215524	15.533
UPPER LIMIT	869962	11.922	553812	14.557	431048	16.033
LOWER LIMIT	217490.5	10.922	138453	13.557	107762	15.033
EPA SAMPLE NO.						
22 S-903-J-SO-0.5-1.0-081924	218265	11.42	157920	14.06	125372	15.53

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.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139113.D Time Analyzed: 10:54

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	374434	11.421	220430	14.057	197324	15.533
	UPPER LIMIT	748868	11.921	440860	14.557	394648	16.033
	LOWER LIMIT	187217	10.921	110215	13.557	98662	15.033
	EPA SAMPLE NO.						
01	PB162782BL	369564	11.42	295723	14.06	242965	15.53
02	PB162687BS	399434	11.42	238276	14.06	208759	15.54
03	PB162687BSD	389288	11.42	242651	14.06	204282	15.53
04	S-908-K1-0.5-1.0-081524	344082	11.42	188310	14.06	190875	15.53
05	914-J-SD-0-0.5-081624	363483	11.42	194565	14.06	198854	15.53
06	S-907-K1-0.5-1.0-081524	314086	11.42	194609	14.06	190955	15.53
07	SP-1-COMP	280802	11.42	192992	14.06	181320	15.53
08	S-909-K1-0.5-1.0-081524	252789	11.42	188524	14.06	156127	15.54
09	S-910-K1-0.5-1.0-081524-FD	198920	11.42	159676	14.06	132552	15.53
10	S-910-K1-0.5-1.0-081524	240499	11.42	172106	14.06	136165	15.53
11	S-910-K1-0.5-1.0-081524-FD	204095	11.42	165237	14.06	128213	15.53
12	S-907-K1-0-0.5-081524	204551	11.42	164631	14.06	129640	15.53
13	915-J-SD-0-0.5-081624	222720	11.42	172003	14.06	132740	15.53
14	919-J-SD-0-0.5-1-081624	199428	11.42	145183	14.06	113682	15.53
15	919-J-SD-0-1-081624	194651	11.42	149810	14.06	119715	15.53
16	S-908-K1-0-0.5-081524	197256	11.42	138893	14.06	111251	15.54
17	S-902-J-0-0.5-081624DL	202035	11.42	153592	14.06	120624	15.53
18	S-902-0.5-1-081624DL	200601	11.42	154409	14.06	120105	15.53
19	915-J-SD-0.5-1-081624DL	201529	11.42	153727	14.06	120705	15.53
20	S-909-K1-0-0.5-081524	225668	11.42	167350	14.06	130180	15.53
21	S-910-K1-0-0.5-081524	217183	11.42	157613	14.06	127168	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082224 SAS No.: BF082224 SDG NO.: BF082224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BF139113.D Time Analyzed: 21:20

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	374434	11.421	220430	14.057	197324	15.533
UPPER LIMIT	748868	11.921	440860	14.557	394648	16.033
LOWER LIMIT	187217	10.921	110215	13.557	98662	15.033
EPA SAMPLE NO.						
22 S-903-J-SO-0.5-1.0-081924	218265	11.42	157920	14.06	125372	15.53

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.: **BF082224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB162687BS	n-Nitrosodimethylamine	50	44.3	ug/L	89					55	108	
	Pyridine	50	41.9	ug/L	84					29	97	
	Benzaldehyde	50	45.1	ug/L	90					10	162	
	Aniline	50	48.2	ug/L	96					10	130	
	Phenol	50	48.4	ug/L	97					66	118	
	bis(2-Chloroethyl)ether	50	43.7	ug/L	87					62	103	
	2-Chlorophenol	50	49	ug/L	98					70	117	
	1,2-Dichlorobenzene	50	47.5	ug/L	95					72	102	
	1,3-Dichlorobenzene	50	44.2	ug/L	88					71	103	
	1,4-Dichlorobenzene	50	45.4	ug/L	91					76	103	
	Benzyl Alcohol	50	49.7	ug/L	99		*			36	93	
	2-Methylphenol	50	48.4	ug/L	97					69	109	
	2,2-oxybis(1-Chloropropane)	50	46.8	ug/L	94					65	100	
	Acetophenone	50	47.3	ug/L	95					60	104	
	3+4-Methylphenols	50	48.4	ug/L	97					67	106	
	N-Nitroso-di-n-propylamine	50	46	ug/L	92					57	107	
	Hexachloroethane	50	45.9	ug/L	92					76	118	
	Nitrobenzene	50	52.8	ug/L	106					58	106	
	Isophorone	50	49.3	ug/L	99					61	102	
	2-Nitrophenol	50	57.2	ug/L	114					70	115	
	2,4-Dimethylphenol	50	58	ug/L	116					42	142	
	bis(2-Chloroethoxy)methane	50	46.3	ug/L	93					58	109	
	2,4-Dichlorophenol	50	48.8	ug/L	98					66	115	
	1,2,4-Trichlorobenzene	50	44.3	ug/L	89					41	115	
	Benzoic acid	50	50.6	ug/L	101					10	125	
	Naphthalene	50	46.8	ug/L	94					64	107	
	4-Chloroaniline	50	20.7	ug/L	41					10	85	
	Hexachlorobutadiene	50	45.9	ug/L	92					69	101	
	Caprolactam	50	51.2	ug/L	102					58	128	
	4-Chloro-3-methylphenol	50	50.3	ug/L	101					65	114	
	2-Methylnaphthalene	50	47.7	ug/L	95					64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*			36	160	
	2,4,6-Trichlorophenol	50	49.5	ug/L	99					61	110	
	2,4,5-Trichlorophenol	50	49.6	ug/L	99					70	106	
	1,1-Biphenyl	50	47.4	ug/L	95					72	98	
	2-Chloronaphthalene	50	44.9	ug/L	90					59	106	
	2-Nitroaniline	50	55	ug/L	110					73	114	
	Dimethylphthalate	50	50.3	ug/L	101					64	103	
	Acenaphthylene	50	50.4	ug/L	101					79	103	
	2,6-Dinitrotoluene	50	53	ug/L	106					64	110	
	3-Nitroaniline	50	34.5	ug/L	69					28	100	
	Acenaphthene	50	54	ug/L	108					59	113	
	Total PAH	800	798.8	ug/L	100					59	113	
	2,4-Dinitrophenol	100	110	ug/L	110					36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162687BS	4-Nitrophenol	100	120	ug/L	120				45	147	
	Dibenzofuran	50	48.4	ug/L	97				65	106	
	2,4-Dinitrotoluene	50	58.1	ug/L	116		*		60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	111.1	ug/L	111				60	115	
	Diethylphthalate	50	50.2	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	48.1	ug/L	96				61	104	
	Fluorene	50	47.9	ug/L	96				64	107	
	4-Nitroaniline	50	52.5	ug/L	105				55	125	
	4,6-Dinitro-2-methylphenol	50	62.7	ug/L	125				62	132	
	N-Nitrosodiphenylamine	50	48.1	ug/L	96				61	109	
	Azobenzene	50	49.3	ug/L	99				59	106	
	4-Bromophenyl-phenylether	50	48.1	ug/L	96				73	103	
	Hexachlorobenzene	50	47.9	ug/L	96				73	106	
	Atrazine	50	55.9	ug/L	112				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	48	ug/L	96				62	109	
	Anthracene	50	50	ug/L	100				65	110	
	Carbazole	50	46.9	ug/L	94				62	106	
	Di-n-butylphthalate	50	48.9	ug/L	98				64	106	
	Fluoranthene	50	46.6	ug/L	93				64	110	
	Benzidine	100	77.2	ug/L	77				10	94	
	Pyrene	50	51.2	ug/L	102				71	103	
	Butylbenzylphthalate	50	57	ug/L	114		*		61	105	
	3,3-Dichlorobenzidine	50	34.2	ug/L	68				43	108	
	Benzo(a)anthracene	50	48.7	ug/L	97				62	107	
	Chrysene	50	50.8	ug/L	102				61	108	
	bis(2-Ethylhexyl)phthalate	50	56.3	ug/L	113		*		59	110	
	Di-n-octyl phthalate	50	57.7	ug/L	115				52	139	
	Benzo(b)fluoranthene	50	47.8	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	50.2	ug/L	100				77	105	
	Benzo(a)pyrene	50	52.9	ug/L	106				72	131	
	Indeno(1,2,3-cd)pyrene	50	54.5	ug/L	109		*		72	105	
	Dibenz(a,h)anthracene	50	55.1	ug/L	110				78	115	
	Benzo(g,h,i)perylene	50	43.9	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.3	ug/L	95				72	101	
	1,4-Dioxane	50	38.2	ug/L	76				38	125	
	2,3,4,6-Tetrachlorophenol	50	54.8	ug/L	110				63	116	
	1-Methylnaphthalene	50	46.1	ug/L	92				51	114	
PB162687BSD	n-Nitrosodimethylamine	50	43.5	ug/L	87	2			55	108	20
	Pyridine	50	40.4	ug/L	81	4			29	97	20
	Benzaldehyde	50	45.4	ug/L	91	1			10	162	20
	Aniline	50	47.2	ug/L	94	2			10	130	20
	Phenol	50	47.2	ug/L	94	3			66	118	20
	bis(2-Chloroethyl)ether	50	43	ug/L	86	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162687BSD	2-Chlorophenol	50	47.8	ug/L	96	2			70	117	20
	1,2-Dichlorobenzene	50	46.6	ug/L	93	2			72	102	20
	1,3-Dichlorobenzene	50	44	ug/L	88	0			71	103	20
	1,4-Dichlorobenzene	50	44.3	ug/L	89	2			76	103	20
	Benzyl Alcohol	50	48.5	ug/L	97	2	*		36	93	20
	2-Methylphenol	50	47	ug/L	94	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	46.2	ug/L	92	1			65	100	20
	Acetophenone	50	46.6	ug/L	93	1			60	104	20
	3+4-Methylphenols	50	46.5	ug/L	93	4			67	106	20
	N-Nitroso-di-n-propylamine	50	45.2	ug/L	90	2			57	107	20
	Hexachloroethane	50	45.6	ug/L	91	1			76	118	20
	Nitrobenzene	50	52.3	ug/L	105	1			58	106	20
	Isophorone	50	48.6	ug/L	97	1			61	102	20
	2-Nitrophenol	50	57.2	ug/L	114	0			70	115	20
	2,4-Dimethylphenol	50	56.5	ug/L	113	3			42	142	20
	bis(2-Chloroethoxy)methane	50	45.8	ug/L	92	1			58	109	20
	2,4-Dichlorophenol	50	48.3	ug/L	97	1			66	115	20
	1,2,4-Trichlorobenzene	50	43.5	ug/L	87	2			41	115	20
	Benzoic acid	50	50.4	ug/L	101	0			10	125	20
	Naphthalene	50	45.8	ug/L	92	2			64	107	20
	4-Chloroaniline	50	19.5	ug/L	39	6			10	85	20
	Hexachlorobutadiene	50	44.7	ug/L	89	3			69	101	20
	Caprolactam	50	50.1	ug/L	100	2			58	128	20
	4-Chloro-3-methylphenol	50	49.1	ug/L	98	2			65	114	20
	2-Methylnaphthalene	50	47.3	ug/L	95	1			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	0	*		36	160	20
	2,4,6-Trichlorophenol	50	49.5	ug/L	99	0			61	110	20
	2,4,5-Trichlorophenol	50	49	ug/L	98	1			70	106	20
	1,1-Biphenyl	50	47.6	ug/L	95	0			72	98	20
	2-Chloronaphthalene	50	45.2	ug/L	90	1			59	106	20
	2-Nitroaniline	50	56.1	ug/L	112	2			73	114	20
	Dimethylphthalate	50	50.4	ug/L	101	0			64	103	20
	Acenaphthylene	50	50.8	ug/L	102	1			79	103	20
	2,6-Dinitrotoluene	50	53.3	ug/L	107	1			64	110	20
	3-Nitroaniline	50	35.4	ug/L	71	3			28	100	20
	Acenaphthene	50	54.5	ug/L	109	1			59	113	20
	Total PAH	800	790.4	ug/L	99	1			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	0			36	166	20
	4-Nitrophenol	100	120	ug/L	120	0			45	147	20
	Dibenzofuran	50	48.3	ug/L	97	0			65	106	20
	2,4-Dinitrotoluene	50	58.6	ug/L	117	1	*		60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	111.9	ug/L	112	1			60	115	20
	Diethylphthalate	50	50.3	ug/L	101	0			63	105	20
	4-Chlorophenyl-phenylether	50	47.4	ug/L	95	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162687BSD	Fluorene	50	47.4	ug/L	95	1			64	107	20
	4-Nitroaniline	50	52.4	ug/L	105	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	63.1	ug/L	126	1			62	132	20
	N-Nitrosodiphenylamine	50	47.5	ug/L	95	1			61	109	20
	Azobenzene	50	48.6	ug/L	97	1			59	106	20
	4-Bromophenyl-phenylether	50	48.1	ug/L	96	0			73	103	20
	Hexachlorobenzene	50	47.2	ug/L	94	1			73	106	20
	Atrazine	50	56.6	ug/L	113	1			76	120	20
	Pentachlorophenol	100	99.8	ug/L	100	0			47	114	20
	Phenanthrene	50	47.8	ug/L	96	0			62	109	20
	Anthracene	50	49.6	ug/L	99	1			65	110	20
	Carbazole	50	46.6	ug/L	93	1			62	106	20
	Di-n-butylphthalate	50	48.8	ug/L	98	0			64	106	20
	Fluoranthene	50	46.4	ug/L	93	0			64	110	20
	Benzidine	100	75.8	ug/L	76	2			10	94	20
	Pyrene	50	49.4	ug/L	99	4			71	103	20
	Butylbenzylphthalate	50	54.7	ug/L	109	4	*		61	105	20
	3,3-Dichlorobenzidine	50	32.9	ug/L	66	4			43	108	20
	Benzo(a)anthracene	50	49	ug/L	98	1			62	107	20
	Chrysene	50	50.4	ug/L	101	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	54.8	ug/L	110	3			59	110	20
	Di-n-octyl phthalate	50	56.2	ug/L	112	3			52	139	20
	Benzo(b)fluoranthene	50	48.6	ug/L	97	2			77	113	20
	Benzo(k)fluoranthene	50	48.9	ug/L	98	3			77	105	20
	Benzo(a)pyrene	50	52.1	ug/L	104	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	53.8	ug/L	108	1	*		72	105	20
	Dibenz(a,h)anthracene	50	53.4	ug/L	107	3			78	115	20
	Benzo(g,h,i)perylene	50	42.5	ug/L	85	3			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	47.6	ug/L	95	1			72	101	20
	1,4-Dioxane	50	36.6	ug/L	73	4			38	125	20
	2,3,4,6-Tetrachlorophenol	50	54.9	ug/L	110	0			63	116	20
	1-Methylnaphthalene	50	45.2	ug/L	90	2			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162687BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082224

SAS No.: BF082224 SDG NO.: BF082224

Lab File ID: BF139115.D

Lab Sample ID: PB162687BS

Instrument ID: BNA_F

Date Extracted: 08/13/2024

Matrix: (soil/water) Water

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 11:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162687BS	PB162687BS	BF139115.D	08/22/2024
PB162687BSD	PB162687BSD	BF139116.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162782BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082224

SAS No.: BF082224 SDG NO.: BF082224

Lab File ID: BF139114.D

Lab Sample ID: PB162782BL

Instrument ID: BNA_F

Date Extracted: 08/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 10:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-908-K1-0.5-1.0-081524	P3641-04	BF139117.D	08/22/2024
S-908-K1-0-0.5-081524	P3641-03	BF139129.D	08/22/2024
S-909-K1-0-0.5-081524	P3641-05	BF139133.D	08/22/2024
S-910-K1-0-0.5-081524	P3641-07	BF139134.D	08/22/2024
S-907-K1-0.5-1.0-081524	P3641-02	BF139119.D	08/22/2024
SP-1-COMP	P3640-01	BF139120.D	08/22/2024
S-909-K1-0.5-1.0-081524	P3641-06	BF139121.D	08/22/2024
S-910-K1-0.5-1.0-081524-FD	P3641-08	BF139122.D	08/22/2024
S-910-K1-0.5-1.0-081524	P3641-09	BF139123.D	08/22/2024
S-910-K1-0.5-1.0-081524-FD	P3641-10	BF139124.D	08/22/2024
S-907-K1-0-0.5-081524	P3641-01	BF139125.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

915-J-SD-0-0.5-0816

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082224

SAS No.: BF082224 SDG NO.: BF082224

Lab File ID: BF139126.D

Lab Sample ID: P3663-09

Instrument ID: BNA_F

Date Extracted: 08/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 16:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
915-J-SD-0-0.5-081624	P3663-09	BF139126.D	08/22/2024
919-J-SD-0-0.5-1-081624	P3663-11	BF139127.D	08/22/2024
919-J-SD-0-1-081624	P3663-12	BF139128.D	08/22/2024
914-J-SD-0-0.5-081624	P3663-03	BF139118.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

S-903-J-SO-0.5-1.0-

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082224

SAS No.: BF082224 SDG NO.: BF082224

Lab File ID: BF139135.D

Lab Sample ID: P3671-12

Instrument ID: BNA_F

Date Extracted: 08/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 21:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-903-J-SO-0.5-1.0-081924	P3671-12	BF139135.D	08/22/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162687BS	PB162687BS	BF139115.D	2-Fluorophenol	150	131.88	88		10	139
			Phenol-d6	150	132.46	88		10	134
			Nitrobenzene-d5	100	115.02	115		49	133
			2-Fluorobiphenyl	100	90.97	91		52	132
			2,4,6-Tribromophenol	150	165.48	110		44	137
			Terphenyl-d14	100	109.66	110		48	125
PB162687BSD	PB162687BSD	BF139116.D	2-Fluorophenol	150	129.80	87		10	139
			Phenol-d6	150	130.73	87		10	134
			Nitrobenzene-d5	100	113.85	114		49	133
			2-Fluorobiphenyl	100	91.46	91		52	132
			2,4,6-Tribromophenol	150	165.02	110		44	137
			Terphenyl-d14	100	105.68	106		48	125

Surrogate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3640-01	SP-1-COMP	BF139120.D	2-Fluorophenol	150	79.93	53		18	112
			Phenol-d6	150	83.18	55		15	107
			Nitrobenzene-d5	100	74.93	75		18	107
			2-Fluorobiphenyl	100	62.79	63		20	109
			2,4,6-Tribromophenol	150	74.08	49		10	116
			Terphenyl-d14	100	54.33	54		10	105
P3641-01	S-907-K1-0-0.5-081BF139125.D		2-Fluorophenol	150	70.43	47		18	112
			Phenol-d6	150	69.89	47		15	107
			Nitrobenzene-d5	100	66.08	66		18	107
			2-Fluorobiphenyl	100	53.71	54		20	109
			2,4,6-Tribromophenol	150	72.65	48		10	116
			Terphenyl-d14	100	38.23	38		10	105
P3641-02	S-907-K1-0.5-1.0-0 BF139119.D		2-Fluorophenol	150	76.79	51		18	112
			Phenol-d6	150	79.36	53		15	107
			Nitrobenzene-d5	100	70.77	71		18	107
			2-Fluorobiphenyl	100	48.21	48		20	109
			2,4,6-Tribromophenol	150	77.61	52		10	116
			Terphenyl-d14	100	36.70	37		10	105
P3641-03	S-908-K1-0-0.5-081BF139129.D		2-Fluorophenol	150	69.92	47		18	112
			Phenol-d6	150	67.09	45		15	107
			Nitrobenzene-d5	100	63.84	64		18	107
			2-Fluorobiphenyl	100	60.28	60		20	109
			2,4,6-Tribromophenol	150	71.28	48		10	116
			Terphenyl-d14	100	53.73	54		10	105
P3641-04	S-908-K1-0.5-1.0-0 BF139117.D		2-Fluorophenol	150	70.40	47		18	112
			Phenol-d6	150	72.29	48		15	107
			Nitrobenzene-d5	100	62.10	62		18	107
			2-Fluorobiphenyl	100	51.27	51		20	109
			2,4,6-Tribromophenol	150	80.52	54		10	116
			Terphenyl-d14	100	53.77	54		10	105
P3641-05	S-909-K1-0-0.5-081BF139133.D		2-Fluorophenol	150	75.21	50		18	112
			Phenol-d6	150	71.49	48		15	107
			Nitrobenzene-d5	100	64.48	64		18	107
			2-Fluorobiphenyl	100	64.92	65		20	109
			2,4,6-Tribromophenol	150	78.79	53		10	116
			Terphenyl-d14	100	60.82	61		10	105
P3641-06	S-909-K1-0.5-1.0-0 BF139121.D		2-Fluorophenol	150	77.44	52		18	112
			Phenol-d6	150	78.23	52		15	107
			Nitrobenzene-d5	100	69.40	69		18	107
			2-Fluorobiphenyl	100	63.41	63		20	109
			2,4,6-Tribromophenol	150	78.06	52		10	116
			Terphenyl-d14	100	52.49	52		10	105
P3641-07	S-910-K1-0-0.5-081BF139134.D		2-Fluorophenol	150	82.93	55		18	112
			Phenol-d6	150	78.56	52		15	107
			Nitrobenzene-d5	100	71.58	72		18	107
			2-Fluorobiphenyl	100	57.62	58		20	109
			2,4,6-Tribromophenol	150	82.97	55		10	116
			Terphenyl-d14	100	48.54	49		10	105
P3641-08	S-910-K1-0.5-1.0-0 BF139122.D		2-Fluorophenol	150	44.41	30		18	112

Surrogate Summary

SW-846

SDG No.: **BF082224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3641-08	S-910-K1-0.5-1.0-0	BF139122.D	Phenol-d6	150	42.76	29		15	107
			Nitrobenzene-d5	100	39.08	39		18	107
			2-Fluorobiphenyl	100	36.47	36		20	109
			2,4,6-Tribromophenol	150	43.11	29		10	116
			Terphenyl-d14	100	27.99	28		10	105
P3641-09	S-910-K1-0.5-1.0-0	BF139123.D	2-Fluorophenol	150	88.57	59		18	112
			Phenol-d6	150	89.23	59		15	107
			Nitrobenzene-d5	100	81.14	81		18	107
			2-Fluorobiphenyl	100	67.89	68		20	109
			2,4,6-Tribromophenol	150	86.73	58		10	116
P3641-10	S-910-K1-0.5-1.0-0	BF139124.D	Terphenyl-d14	100	55.14	55		10	105
			2-Fluorophenol	150	65.53	44		18	112
			Phenol-d6	150	65.42	44		15	107
			Nitrobenzene-d5	100	61.37	61		18	107
			2-Fluorobiphenyl	100	56.95	57		20	109
PB162782BL	PB162782BL	BF139114.D	2,4,6-Tribromophenol	150	67.40	45		10	116
			Terphenyl-d14	100	40.71	41		10	105
			2-Fluorophenol	150	137.61	92		18	112
			Phenol-d6	150	139.26	93		15	107
			Nitrobenzene-d5	100	119.86	120	*	18	107
			2-Fluorobiphenyl	100	96.69	97		20	109
			2,4,6-Tribromophenol	150	165.47	110		10	116
			Terphenyl-d14	100	91.21	91		10	105

Surrogate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3660-03DL	S-902-J-0-0.5-0816:BF139130.D		2-Fluorophenol	150	68.67	46		18	112
			Phenol-d6	150	67.71	45		15	107
			Nitrobenzene-d5	100	60.23	60		18	107
			2-Fluorobiphenyl	100	49.58	50		20	109
			2,4,6-Tribromophenol	150	67.81	45		10	116
			Terphenyl-d14	100	42.85	43		10	105
P3660-04DL	S-902-0.5-1-081624BF139131.D		2-Fluorophenol	150	58.95	39		18	112
			Phenol-d6	150	57.79	39		15	107
			Nitrobenzene-d5	100	49.91	50		18	107
			2-Fluorobiphenyl	100	41.37	41		20	109
			2,4,6-Tribromophenol	150	56.08	37		10	116
			Terphenyl-d14	100	35.26	35		10	105
P3663-03	914-J-SD-0-0.5-081BF139118.D		2-Fluorophenol	150	90.88	61		18	112
			Phenol-d6	150	94.40	63		15	107
			Nitrobenzene-d5	100	78.09	78		18	107
			2-Fluorobiphenyl	100	58.44	58		20	109
			2,4,6-Tribromophenol	150	103.57	69		10	116
			Terphenyl-d14	100	58.93	59		10	105
P3663-09	915-J-SD-0-0.5-081BF139126.D		2-Fluorophenol	150	86.27	58		18	112
			Phenol-d6	150	86.11	57		15	107
			Nitrobenzene-d5	100	76.15	76		18	107
			2-Fluorobiphenyl	100	57.33	57		20	109
			2,4,6-Tribromophenol	150	86.08	57		10	116
			Terphenyl-d14	100	39.46	39		10	105
P3663-10DL	915-J-SD-0.5-1-081BF139132.D		2-Fluorophenol	150	121.65	81		18	112
			Phenol-d6	150	116.68	78		15	107
			Nitrobenzene-d5	100	100.96	101		18	107
			2-Fluorobiphenyl	100	88.53	89		20	109
			2,4,6-Tribromophenol	150	121.60	81		10	116
			Terphenyl-d14	100	69.27	69		10	105
P3663-11	919-J-SD-0-0.5-1-0:BF139127.D		2-Fluorophenol	150	112.65	75		18	112
			Phenol-d6	150	111.71	74		15	107
			Nitrobenzene-d5	100	99.28	99		18	107
			2-Fluorobiphenyl	100	78.81	79		20	109
			2,4,6-Tribromophenol	150	109.97	73		10	116
			Terphenyl-d14	100	62.59	63		10	105
P3663-12	919-J-SD-0-1-0816:BF139128.D		2-Fluorophenol	150	106.67	71		18	112
			Phenol-d6	150	104.82	70		15	107
			Nitrobenzene-d5	100	94.10	94		18	107
			2-Fluorobiphenyl	100	74.36	74		20	109
			2,4,6-Tribromophenol	150	105.16	70		10	116
			Terphenyl-d14	100	58.09	58		10	105

Surrogate Summary

SW-846

SDG No.: **BF082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3671-12	S-903-J-SO-0.5-1.0-BF139135.D		2-Fluorophenol	150	97.57	65		18	112
			Phenol-d6	150	96.07	64		15	107
			Nitrobenzene-d5	100	90.98	91		18	107
			2-Fluorobiphenyl	100	71.54	72		20	109
			2,4,6-Tribromophenol	150	113.58	76		10	116
			Terphenyl-d14	100	63.07	63		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082224

Lab Code: CHEM

SAS No.: BF082224 SDG NO.: BF082224

Lab File ID: BF139112.D

DFTPP Injection Date: 08/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.6
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	43.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	85.7
443	15.0 - 24.0% of mass 442	16.5 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139113.D	08/22/2024	10:25
PB162782BL	PB162782BL	BF139114.D	08/22/2024	10:54
PB162687BS	PB162687BS	BF139115.D	08/22/2024	11:23
PB162687BSD	PB162687BSD	BF139116.D	08/22/2024	11:53
S-908-K1-0.5-1.0-081524	P3641-04	BF139117.D	08/22/2024	12:22
914-J-SD-0-0.5-081624	P3663-03	BF139118.D	08/22/2024	12:52
S-907-K1-0.5-1.0-081524	P3641-02	BF139119.D	08/22/2024	13:22
SP-1-COMP	P3640-01	BF139120.D	08/22/2024	13:51
S-909-K1-0.5-1.0-081524	P3641-06	BF139121.D	08/22/2024	14:20
S-910-K1-0.5-1.0-081524-FD	P3641-08	BF139122.D	08/22/2024	14:50
S-910-K1-0.5-1.0-081524	P3641-09	BF139123.D	08/22/2024	15:21
S-910-K1-0.5-1.0-081524-FD	P3641-10	BF139124.D	08/22/2024	15:51
S-907-K1-0-0.5-081524	P3641-01	BF139125.D	08/22/2024	16:21
915-J-SD-0-0.5-081624	P3663-09	BF139126.D	08/22/2024	16:51
919-J-SD-0-0.5-1-081624	P3663-11	BF139127.D	08/22/2024	17:21
919-J-SD-0-1-081624	P3663-12	BF139128.D	08/22/2024	17:51
S-908-K1-0-0.5-081524	P3641-03	BF139129.D	08/22/2024	18:21
S-902-J-0-0.5-081624DL	P3660-03DL	BF139130.D	08/22/2024	18:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082224

Lab Code: CHEM

SAS No.: BF082224

SDG NO.: BF082224

Lab File ID: BF139112.D

DFTPP Injection Date: 08/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:55

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197	Less than 2.0% of mass 198	0.0
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443	15.0 - 24.0% of mass 442	16.5 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
S-902-0.5-1-081624DL	P3660-04DL	BF139131.D	08/22/2024	19:20
915-J-SD-0.5-1-081624DL	P3663-10DL	BF139132.D	08/22/2024	19:50
S-909-K1-0-0.5-081524	P3641-05	BF139133.D	08/22/2024	20:20
S-910-K1-0-0.5-081524	P3641-07	BF139134.D	08/22/2024	20:50
S-903-J-SO-0.5-1.0-081924	P3671-12	BF139135.D	08/22/2024	21:20