

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG No.: BF082124

Instrument ID: BNA_F Calibration Date/Time: 8/21/2024 1:08:50

Lab File ID: BF139089.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	0.801		-6.425	
Pyridine	1.417	1.405		-0.847	
2-Fluorophenol	1.300	1.246		-4.154	
Benzaldehyde	0.985	0.971		-1.421	
Aniline	1.516	1.512		-0.264	
Phenol-d6	1.680	1.639		-2.44	
Phenol	1.748	1.734		-0.801	20.0
bis(2-Chloroethyl)ether	1.406	1.264		-10.1	
2-Chlorophenol	1.250	1.209		-3.28	
1,2-Dichlorobenzene	1.374	1.366		-0.582	
1,3-Dichlorobenzene	1.503	1.449		-3.593	
1,4-Dichlorobenzene	1.503	1.470		-2.196	20.0
Benzyl Alcohol	1.328	1.297		-2.334	
2-Methylphenol	1.070	1.044		-2.43	
2,2-oxybis(1-Chloropropane)	1.980	1.863		-5.909	
Acetophenone	0.511	0.500		-2.153	
3+4-Methylphenols	1.386	1.361		-1.804	
n-Nitroso-di-n-propylamine	1.103	1.009	0.050	-8.522	
Nitrobenzene-d5	0.343	0.389		13.411	
Hexachloroethane	0.527	0.513		-2.657	
Nitrobenzene	0.382	0.422		10.471	
Isophorone	0.730	0.715		-2.055	
2-Nitrophenol	0.110	0.136		23.636	20.0
2,4-Dimethylphenol	0.231	0.229		-0.866	
bis(2-Chloroethoxy)methane	0.426	0.411		-3.521	
2,4-Dichlorophenol	0.288	0.290		0.694	20.0
1,2,4-Trichlorobenzene	0.337	0.331		-1.78	
Benzoic acid	0.167	0.197		17.964	
Naphthalene	1.014	0.999		-1.479	
4-Chloroaniline	0.347	0.337		-2.882	
Hexachlorobutadiene	0.220	0.215		-2.273	20.0
Caprolactam	0.091	0.093		2.198	
4-Chloro-3-methylphenol	0.319	0.321		0.627	20.0
2-Methylnaphthalene	0.650	0.631		-2.923	
Hexachlorocyclopentadiene	0.210	0.213	0.050	1.429	
2,4,6-Trichlorophenol	0.370	0.383		3.514	20.0
2-Fluorobiphenyl	1.261	1.213		-3.807	
2,4,5-Trichlorophenol	0.379	0.377		-0.528	
1,1-Biphenyl	1.370	1.380		0.73	

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Lab File ID: BF139089.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	1.085		-2.516	
2-Nitroaniline	0.262	0.334		27.481	
Dimethylphthalate	1.235	1.249		1.134	
Acenaphthylene	1.595	1.599		0.251	
2,6-Dinitrotoluene	0.206	0.264		28.155	
3-Nitroaniline	0.213	0.260		22.066	
Acenaphthene	1.053	1.046		-0.665	20.0
2,4-Dinitrophenol	0.074	0.086	0.050	16.216	
4-Nitrophenol	0.187	0.216	0.050	15.508	
Dibenzofuran	1.530	1.549		1.242	
2,4-Dinitrotoluene	0.250	0.339		35.6	
Diethylphthalate	1.223	1.228		0.409	
4-Chlorophenyl-phenylether	0.611	0.599		-1.964	
Fluorene	1.223	1.206		-1.39	
4-Nitroaniline	0.219	0.274		25.114	
4,6-Dinitro-2-methylphenol	0.064	0.076		18.75	
n-Nitrosodiphenylamine	0.592	0.560		-5.405	20.0
Azobenzene	1.360	1.361		0.074	
2,4,6-Tribromophenol	0.181	0.196		8.287	
4-Bromophenyl-phenylether	0.212	0.202		-4.717	
Hexachlorobenzene	0.227	0.222		-2.203	
Atrazine	0.181	0.145		-19.89	
Pentachlorophenol	0.145	0.150		3.448	20.0
Phenanthrene	1.017	0.970		-4.621	
Anthracene	0.994	0.955		-3.924	
Carbazole	0.928	0.887		-4.418	
Di-n-butylphthalate	1.076	1.016		-5.576	
Fluoranthene	1.085	1.052		-3.041	20.0
Benzidine	0.413	0.476		15.254	
Pyrene	1.669	1.571		-5.872	
Terphenyl-d14	1.205	1.140		-5.394	
Butylbenzylphthalate	0.577	0.589		2.08	
3,3-Dichlorobenzidine	0.367	0.356		-2.997	
Benzo(a)anthracene	1.315	1.264		-3.878	
Chrysene	1.192	1.194		0.168	
Bis(2-ethylhexyl)phthalate	0.765	0.786		2.745	
Di-n-octyl phthalate	1.074	1.136		5.773	20.0
Benzo(b)fluoranthene	1.304	1.209		-7.285	
Benzo(k)fluoranthene	1.086	1.181		8.748	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG No.: BF082124

Instrument ID: BNA_F Calibration Date/Time: 8/21/2024 1:08:50

Lab File ID: BF139089.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	1.021		-0.874	20.0
Indeno(1,2,3-cd)pyrene	1.171	1.244		6.234	
Dibenzo(a,h)anthracene	0.961	1.023		6.452	
Benzo(g,h,i)perylene	0.969	1.029		6.192	
1,2,4,5-Tetrachlorobenzene	0.609	0.553		-9.195	
1,4-Dioxane	0.558	0.558		0.0	20.0
2,3,4,6-Tetrachlorophenol	0.305	0.322		5.574	
1-Methylnaphthalene	0.627	0.618		-1.435	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BL	SDG No.:	BF082124
Lab Sample ID:	PB162850BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139090.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BL	SDG No.:	BF082124
Lab Sample ID:	PB162850BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139090.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BL	SDG No.:	BF082124
Lab Sample ID:	PB162850BL	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
BF139090.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	113.924		18-112		76	SPK: -150
13127-88-3	Phenol-d6	115.512		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	95.686		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	79.26		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BL	SDG No.:	BF082124
Lab Sample ID:	PB162850BL	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
BF139090.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.543		10-116		86	SPK: -150
1718-51-0	Terphenyl-d14	74.799		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121355	6.898				
1146-65-2	Naphthalene-d8	461611	8.175				
15067-26-2	Acenaphthene-d10	271022	9.933				
1517-22-2	Phenanthrene-d10	481091	11.416				
1719-03-5	Chrysene-d12	372322	14.057				
1520-96-3	Perylene-d12	318638	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.14	
000112-95-8	Eicosane	68.3	J			17.186	

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BS	SDG No.:	BF082124
Lab Sample ID:	PB162850BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139091.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1300		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1200		180	270	330	ug/Kg
62-53-3	Aniline	1600		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	950		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BS	SDG No.:	BF082124
Lab Sample ID:	PB162850BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139091.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	25000		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BS	SDG No.:	BF082124
Lab Sample ID:	PB162850BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139091.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	2600		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.204		18-112		79	SPK: -150
13127-88-3	Phenol-d6	119.282		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	99.769		18-107		100	SPK: -100
321-60-8	2-Fluorobiphenyl	83.739		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162850BS	SDG No.:	BF082124
Lab Sample ID:	PB162850BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139091.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.903		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	92.635		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108933	6.898				
1146-65-2	Naphthalene-d8	403276	8.181				
15067-26-2	Acenaphthene-d10	234232	9.939				
1517-22-2	Phenanthrene-d10	419101	11.422				
1719-03-5	Chrysene-d12	276239	14.063				
1520-96-3	Perylene-d12	219301	15.539				

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:	916-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.6
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
BF139092.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	570	700	ug/Kg
110-86-1	Pyridine	170	U	170	270	360	ug/Kg
100-52-7	Benzaldehyde	380	U	380	570	700	ug/Kg
62-53-3	Aniline	200	U	200	270	360	ug/Kg
108-95-2	Phenol	170	U	170	270	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	270	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	270	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	270	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	270	360	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	570	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	270	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	360	ug/Kg
98-86-2	Acetophenone	180	U	180	270	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	570	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	84.9	U	84.9	170	170	ug/Kg
67-72-1	Hexachloroethane	170	U	170	270	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	360	ug/Kg
78-59-1	Isophorone	180	U	180	270	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	270	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	270	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	270	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	270	360	ug/Kg
65-85-0	Benzoic acid	500	U	500	570	700	ug/Kg
91-20-3	Naphthalene	170	U	170	270	360	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	270	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	270	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:	916-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.6
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
BF139092.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	570	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	270	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	270	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	570	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	270	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	270	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	270	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	270	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	270	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	270	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	270	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	270	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	270	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	270	360	ug/Kg
Total PAH	Total PAH	2780	U	2780	270	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	570	700	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	570	700	ug/Kg
132-64-9	Dibenzofuran	180	U	180	270	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	270	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360	U	360	270	720	ug/Kg
84-66-2	Diethylphthalate	170	U	170	270	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	270	360	ug/Kg
86-73-7	Fluorene	180	U	180	270	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	270	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	570	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	270	360	ug/Kg
103-33-3	Azobenzene	170	U	170	270	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	270	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	270	360	ug/Kg
1912-24-9	Atrazine	190	U	190	270	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:	916-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.6
Sample Wt/Vol:	30.04	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
BF139092.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	570	700	ug/Kg
85-01-8	Phenanthrene	180	U	180	270	360	ug/Kg
120-12-7	Anthracene	180	U	180	270	360	ug/Kg
86-74-8	Carbazole	170	U	170	270	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	270	360	ug/Kg
206-44-0	Fluoranthene	170	U	170	270	360	ug/Kg
92-87-5	Benzidine	340	U	340	570	700	ug/Kg
129-00-0	Pyrene	170	U	170	270	360	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	270	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	570	700	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	270	360	ug/Kg
218-01-9	Chrysene	170	U	170	270	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	270	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	570	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	270	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	270	360	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	270	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	270	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	270	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	270	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	270	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	270	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.346		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.916		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	59.97		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	38.88		20-109		39	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:	916-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.6
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
BF139092.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.841		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	36.78		10-105		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83969	6.898				
1146-65-2	Naphthalene-d8	323212	8.175				
15067-26-2	Acenaphthene-d10	186112	9.933				
1517-22-2	Phenanthrene-d10	306274	11.416				
1719-03-5	Chrysene-d12	144567	14.051				
1520-96-3	Perylene-d12	186947	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4800	J			2.193	
004254-14-2	R-(-)-1,2-propanediol	200	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	A			5.11	
000470-82-6	Eucalyptol	500	J			7.051	
	unknown11.533	140	J			11.533	
002649-64-1	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	200	J			11.851	
000057-10-3	n-Hexadecanoic acid	630	J			11.945	
000057-11-4	Octadecanoic acid	290	J			12.733	
074339-54-1	Trichloroacetic acid, hexadecyl es	680	J			13.904	
959085-66-6	Heptadecyl heptafluorobutyrate	740	J			14.545	
1000357-25-6	1-Cyclopentyleicosane	150	J			15.227	
	unknown17.039	290	J			17.039	
	unknown17.374	140	J			17.374	
	unknown17.645	180	J			17.645	
	unknown17.727	270	J			17.727	
004630-07-3	Naphthalene, 1,2,3,5,6,7,8,8a-octa	340	J			17.98	

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-0-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139093.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	170	U	170	510	630	ug/Kg
110-86-1	Pyridine	150	U	150	250	320	ug/Kg
100-52-7	Benzaldehyde	350	U	350	510	630	ug/Kg
62-53-3	Aniline	180	U	180	250	320	ug/Kg
108-95-2	Phenol	160	U	160	250	320	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	160	250	320	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	250	320	ug/Kg
95-50-1	1,2-Dichlorobenzene	160	U	160	250	320	ug/Kg
541-73-1	1,3-Dichlorobenzene	160	U	160	250	320	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	250	320	ug/Kg
100-51-6	Benzyl Alcohol	160	U	160	510	630	ug/Kg
95-48-7	2-Methylphenol	150	U	150	250	320	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	250	320	ug/Kg
98-86-2	Acetophenone	170	U	170	250	320	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	510	630	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	76.6	U	76.6	150	150	ug/Kg
67-72-1	Hexachloroethane	160	U	160	250	320	ug/Kg
98-95-3	Nitrobenzene	170	U	170	250	320	ug/Kg
78-59-1	Isophorone	160	U	160	250	320	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	250	320	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	250	320	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	250	320	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	250	320	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	160	U	160	250	320	ug/Kg
65-85-0	Benzoic acid	450	U	450	510	630	ug/Kg
91-20-3	Naphthalene	160	U	160	250	320	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	250	320	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	250	320	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-0-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139093.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	170	U	170	510	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	250	320	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	250	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	300	510	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	250	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	250	320	ug/Kg
92-52-4	1,1-Biphenyl	170	U	170	250	320	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	250	320	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	250	320	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	250	320	ug/Kg
208-96-8	Acenaphthylene	160	U	160	250	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	250	320	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	250	320	ug/Kg
83-32-9	Acenaphthene	150	U	150	250	320	ug/Kg
Total PAH	Total PAH	2510	U	2510	250	5120	ug/Kg
51-28-5	2,4-Dinitrophenol	460	U	460	510	630	ug/Kg
100-02-7	4-Nitrophenol	220	U	220	510	630	ug/Kg
132-64-9	Dibenzofuran	160	U	160	250	320	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	320	U	320	250	640	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	250	320	ug/Kg
84-66-2	Diethylphthalate	150	U	150	250	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	250	320	ug/Kg
86-73-7	Fluorene	160	U	160	250	320	ug/Kg
100-01-6	4-Nitroaniline	200	U	200	250	320	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	510	630	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	160	250	320	ug/Kg
103-33-3	Azobenzene	150	U	150	250	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	250	320	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	250	320	ug/Kg
1912-24-9	Atrazine	170	U	170	250	320	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-0-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139093.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	150	U	150	510	630	ug/Kg
85-01-8	Phenanthrene	160	U	160	250	320	ug/Kg
120-12-7	Anthracene	160	U	160	250	320	ug/Kg
86-74-8	Carbazole	150	U	150	250	320	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	250	320	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	320	ug/Kg
92-87-5	Benzidine	310	U	310	510	630	ug/Kg
129-00-0	Pyrene	160	U	160	250	320	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	250	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	510	630	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	150	250	320	ug/Kg
218-01-9	Chrysene	150	U	150	250	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	250	320	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	510	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	250	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	250	320	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	180	250	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	250	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	250	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	250	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	250	320	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	250	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	250	320	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	320	320	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.519		18-112		73	SPK: -150
13127-88-3	Phenol-d6	114.369		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	91.877		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	66.821		20-109		67	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-0-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139093.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.626		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	73.13		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88228	6.898				
1146-65-2	Naphthalene-d8	333262	8.175				
15067-26-2	Acenaphthene-d10	193908	9.934				
1517-22-2	Phenanthrene-d10	335638	11.416				
1719-03-5	Chrysene-d12	152501	14.051				
1520-96-3	Perylene-d12	182422	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4600	J			2.24	
	unknown3.428	220	J			3.428	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	370	A			5.122	
000470-82-6	Eucalyptol	400	J			7.051	
002649-64-1	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	150	J			11.851	
000057-10-3	n-Hexadecanoic acid	320	J			11.945	
000528-43-8	Magnolol	130	J			12.951	
1000282-98-2	Dichloroacetic acid, heptadecyl es	490	J			13.904	
1000351-88-8	Nonadecyl pentafluoropropionate	340	J			14.545	
	unknown17.727	140	J			17.727	

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-0-1-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3663-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139094.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2900		160	510	630	ug/Kg
110-86-1	Pyridine	2800		150	250	320	ug/Kg
100-52-7	Benzaldehyde	2400		350	510	630	ug/Kg
62-53-3	Aniline	3500		180	250	320	ug/Kg
108-95-2	Phenol	3200		160	250	320	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2800		160	250	320	ug/Kg
95-57-8	2-Chlorophenol	3200		160	250	320	ug/Kg
95-50-1	1,2-Dichlorobenzene	3100		160	250	320	ug/Kg
541-73-1	1,3-Dichlorobenzene	2900		160	250	320	ug/Kg
106-46-7	1,4-Dichlorobenzene	3000		160	250	320	ug/Kg
100-51-6	Benzyl Alcohol	3300		160	510	630	ug/Kg
95-48-7	2-Methylphenol	3100		150	250	320	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		170	250	320	ug/Kg
98-86-2	Acetophenone	3100		170	250	320	ug/Kg
65794-96-9	3+4-Methylphenols	3100		150	510	630	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3100		76.6	150	150	ug/Kg
67-72-1	Hexachloroethane	3000		160	250	320	ug/Kg
98-95-3	Nitrobenzene	3400		170	250	320	ug/Kg
78-59-1	Isophorone	3200		160	250	320	ug/Kg
88-75-5	2-Nitrophenol	3500		180	250	320	ug/Kg
105-67-9	2,4-Dimethylphenol	3800		180	250	320	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3100		160	250	320	ug/Kg
120-83-2	2,4-Dichlorophenol	3200		140	250	320	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2900		160	250	320	ug/Kg
65-85-0	Benzoic acid	3100		450	510	630	ug/Kg
91-20-3	Naphthalene	3000		160	250	320	ug/Kg
106-47-8	4-Chloroaniline	2400		160	250	320	ug/Kg
87-68-3	Hexachlorobutadiene	3000		160	250	320	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-0-1-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3663-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139094.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3100		160	510	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3200		150	250	320	ug/Kg
91-57-6	2-Methylnaphthalene	3100		160	250	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	11300	E	300	510	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3400		140	250	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3100		140	250	320	ug/Kg
92-52-4	1,1-Biphenyl	3200		170	250	320	ug/Kg
91-58-7	2-Chloronaphthalene	3100		160	250	320	ug/Kg
88-74-4	2-Nitroaniline	3500		180	250	320	ug/Kg
131-11-3	Dimethylphthalate	3400		160	250	320	ug/Kg
208-96-8	Acenaphthylene	3400		160	250	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	3400		160	250	320	ug/Kg
99-09-2	3-Nitroaniline	2700		170	250	320	ug/Kg
83-32-9	Acenaphthene	3600		150	250	320	ug/Kg
Total PAH	Total PAH	50900		2510	250	5120	ug/Kg
51-28-5	2,4-Dinitrophenol	6200	E	460	510	630	ug/Kg
100-02-7	4-Nitrophenol	7000	E	220	510	630	ug/Kg
132-64-9	Dibenzofuran	3200		160	250	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	3500		160	250	320	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6900		320	250	640	ug/Kg
84-66-2	Diethylphthalate	3300		150	250	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3200		160	250	320	ug/Kg
86-73-7	Fluorene	3100		160	250	320	ug/Kg
100-01-6	4-Nitroaniline	3200		200	250	320	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3800		220	510	630	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3400		160	250	320	ug/Kg
103-33-3	Azobenzene	3200		150	250	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400		150	250	320	ug/Kg
118-74-1	Hexachlorobenzene	3300		160	250	320	ug/Kg
1912-24-9	Atrazine	3600		170	250	320	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:	914-J-SD-0-1-081624MS			SDG No.:	BF082124	
Lab Sample ID:	P3663-05MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	47.5	
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
BF139094.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6200	E	150	510	630	ug/Kg
85-01-8	Phenanthrene	3200		160	250	320	ug/Kg
120-12-7	Anthracene	3300		160	250	320	ug/Kg
86-74-8	Carbazole	2800		150	250	320	ug/Kg
84-74-2	Di-n-butylphthalate	3000		160	250	320	ug/Kg
206-44-0	Fluoranthene	2500		160	250	320	ug/Kg
92-87-5	Benzidine	7000	E	310	510	630	ug/Kg
129-00-0	Pyrene	3400		160	250	320	ug/Kg
85-68-7	Butylbenzylphthalate	3400		180	250	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3200		190	510	630	ug/Kg
56-55-3	Benzo(a)anthracene	3200		150	250	320	ug/Kg
218-01-9	Chrysene	3300		150	250	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		170	250	320	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		210	510	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		150	250	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		160	250	320	ug/Kg
50-32-8	Benzo(a)pyrene	3300		180	250	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3500		150	250	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		150	250	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700		150	250	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3300		160	250	320	ug/Kg
123-91-1	1,4-Dioxane	2700		210	250	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3500		140	250	320	ug/Kg
90-12-0	1-Methylnaphthalene	3000		160	320	320	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.085		18-112		57	SPK: -150
13127-88-3	Phenol-d6	88.36		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	70.072		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	49.064		20-109		49	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-0-1-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3663-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139094.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.586		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	47.079		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91245	6.898				
1146-65-2	Naphthalene-d8	344368	8.18				
15067-26-2	Acenaphthene-d10	193971	9.933				
1517-22-2	Phenanthrene-d10	321854	11.421				
1719-03-5	Chrysene-d12	150412	14.057				
1520-96-3	Perylene-d12	194315	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:	914-J-SD-0-1-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3663-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139095.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2900		170	510	630	ug/Kg
110-86-1	Pyridine	2800		150	250	320	ug/Kg
100-52-7	Benzaldehyde	2300		350	510	630	ug/Kg
62-53-3	Aniline	3500		180	250	320	ug/Kg
108-95-2	Phenol	3100		160	250	320	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2800		160	250	320	ug/Kg
95-57-8	2-Chlorophenol	3100		160	250	320	ug/Kg
95-50-1	1,2-Dichlorobenzene	3000		160	250	320	ug/Kg
541-73-1	1,3-Dichlorobenzene	2800		160	250	320	ug/Kg
106-46-7	1,4-Dichlorobenzene	2900		160	250	320	ug/Kg
100-51-6	Benzyl Alcohol	3200		160	510	630	ug/Kg
95-48-7	2-Methylphenol	3100		150	250	320	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3100		170	250	320	ug/Kg
98-86-2	Acetophenone	3000		170	250	320	ug/Kg
65794-96-9	3+4-Methylphenols	3100		150	510	630	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3000		76.6	150	150	ug/Kg
67-72-1	Hexachloroethane	3000		160	250	320	ug/Kg
98-95-3	Nitrobenzene	3300		170	250	320	ug/Kg
78-59-1	Isophorone	3200		160	250	320	ug/Kg
88-75-5	2-Nitrophenol	3500		180	250	320	ug/Kg
105-67-9	2,4-Dimethylphenol	3700		180	250	320	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3000		160	250	320	ug/Kg
120-83-2	2,4-Dichlorophenol	3100		140	250	320	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2800		160	250	320	ug/Kg
65-85-0	Benzoic acid	3000		450	510	630	ug/Kg
91-20-3	Naphthalene	3000		160	250	320	ug/Kg
106-47-8	4-Chloroaniline	2400		160	250	320	ug/Kg
87-68-3	Hexachlorobutadiene	2900		160	250	320	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-0-1-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3663-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139095.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3000		170	510	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3100		150	250	320	ug/Kg
91-57-6	2-Methylnaphthalene	3000		160	250	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	10800	E	300	510	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3300		140	250	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3000		140	250	320	ug/Kg
92-52-4	1,1-Biphenyl	3100		170	250	320	ug/Kg
91-58-7	2-Chloronaphthalene	3000		160	250	320	ug/Kg
88-74-4	2-Nitroaniline	3400		180	250	320	ug/Kg
131-11-3	Dimethylphthalate	3200		160	250	320	ug/Kg
208-96-8	Acenaphthylene	3300		160	250	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	3300		160	250	320	ug/Kg
99-09-2	3-Nitroaniline	2600		170	250	320	ug/Kg
83-32-9	Acenaphthene	3400		150	250	320	ug/Kg
Total PAH	Total PAH	49200		2510	250	5120	ug/Kg
51-28-5	2,4-Dinitrophenol	6100	E	460	510	630	ug/Kg
100-02-7	4-Nitrophenol	6600	E	220	510	630	ug/Kg
132-64-9	Dibenzofuran	3100		160	250	320	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6700		320	250	640	ug/Kg
121-14-2	2,4-Dinitrotoluene	3400		160	250	320	ug/Kg
84-66-2	Diethylphthalate	3200		150	250	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3000		160	250	320	ug/Kg
86-73-7	Fluorene	3000		160	250	320	ug/Kg
100-01-6	4-Nitroaniline	3000		200	250	320	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3800		220	510	630	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3300		160	250	320	ug/Kg
103-33-3	Azobenzene	3100		150	250	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3300		150	250	320	ug/Kg
118-74-1	Hexachlorobenzene	3100		160	250	320	ug/Kg
1912-24-9	Atrazine	3400		170	250	320	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:	914-J-SD-0-1-081624MSD			SDG No.:	BF082124	
Lab Sample ID:	P3663-06MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	47.5	
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
BF139095.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5900	E	150	510	630	ug/Kg
85-01-8	Phenanthrene	3000		160	250	320	ug/Kg
120-12-7	Anthracene	3200		160	250	320	ug/Kg
86-74-8	Carbazole	2700		150	250	320	ug/Kg
84-74-2	Di-n-butylphthalate	2900		160	250	320	ug/Kg
206-44-0	Fluoranthene	2400		160	250	320	ug/Kg
92-87-5	Benzidine	6700	E	310	510	630	ug/Kg
129-00-0	Pyrene	3200		160	250	320	ug/Kg
85-68-7	Butylbenzylphthalate	3200		180	250	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300		190	510	630	ug/Kg
56-55-3	Benzo(a)anthracene	3100		150	250	320	ug/Kg
218-01-9	Chrysene	3300		150	250	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		170	250	320	ug/Kg
117-84-0	Di-n-octyl phthalate	3900		210	510	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		150	250	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		160	250	320	ug/Kg
50-32-8	Benzo(a)pyrene	3200		180	250	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3400		150	250	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3400		150	250	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2600		150	250	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3200		170	250	320	ug/Kg
123-91-1	1,4-Dioxane	2600		210	250	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200		140	250	320	ug/Kg
90-12-0	1-Methylnaphthalene	2900		160	320	320	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.703		18-112		56	SPK: -150
13127-88-3	Phenol-d6	85.801		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	69.119		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	47.36		20-109		47	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-0-1-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3663-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	47.5
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
BF139095.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.691		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	44.571		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90429	6.898				
1146-65-2	Naphthalene-d8	341193	8.181				
15067-26-2	Acenaphthene-d10	195409	9.933				
1517-22-2	Phenanthrene-d10	318526	11.416				
1719-03-5	Chrysene-d12	148531	14.057				
1520-96-3	Perylene-d12	196106	15.533				



Client:				Date Collected:	8/16/2024 12:00:00 AM	
Project:				Date Received:	8/16/2024 12:00:00 AM	
Client Sample ID:	916-J-SD-0-0.5-081624			SDG No.:	BF082124	
Lab Sample ID:	P3663-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	38.5	
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
BF139096.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	440	540	ug/Kg
110-86-1	Pyridine	130	U	130	210	280	ug/Kg
100-52-7	Benzaldehyde	300	U	300	440	540	ug/Kg
62-53-3	Aniline	160	U	160	210	280	ug/Kg
108-95-2	Phenol	130	U	130	210	280	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	210	280	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	210	280	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	210	280	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	210	280	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	210	280	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	440	540	ug/Kg
95-48-7	2-Methylphenol	130	U	130	210	280	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	280	ug/Kg
98-86-2	Acetophenone	140	U	140	210	280	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	440	540	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.4	U	65.4	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	210	280	ug/Kg
98-95-3	Nitrobenzene	150	U	150	210	280	ug/Kg
78-59-1	Isophorone	140	U	140	210	280	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	280	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	210	280	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	210	280	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	210	280	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	210	280	ug/Kg
65-85-0	Benzoic acid	380	U	380	440	540	ug/Kg
91-20-3	Naphthalene	130	U	130	210	280	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	210	280	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	210	280	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:	916-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	38.5
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
BF139096.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	440	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	210	280	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	210	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	440	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	210	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	210	280	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	210	280	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	210	280	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	210	280	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	210	280	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	210	280	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	210	280	ug/Kg
83-32-9	Acenaphthene	130	U	130	210	280	ug/Kg
Total PAH	Total PAH	2140	U	2140	210	4480	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	440	540	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	440	540	ug/Kg
132-64-9	Dibenzofuran	140	U	140	210	280	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	210	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	210	280	ug/Kg
84-66-2	Diethylphthalate	130	U	130	210	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	210	280	ug/Kg
86-73-7	Fluorene	140	U	140	210	280	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	210	280	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	440	540	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	210	280	ug/Kg
103-33-3	Azobenzene	130	U	130	210	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	210	280	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	280	ug/Kg
1912-24-9	Atrazine	150	U	150	210	280	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:	916-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	38.5
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
BF139096.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	440	540	ug/Kg
85-01-8	Phenanthrene	140	U	140	210	280	ug/Kg
120-12-7	Anthracene	140	U	140	210	280	ug/Kg
86-74-8	Carbazole	130	U	130	210	280	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	210	280	ug/Kg
206-44-0	Fluoranthene	130	U	130	210	280	ug/Kg
92-87-5	Benzidine	260	U	260	440	540	ug/Kg
129-00-0	Pyrene	130	U	130	210	280	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	210	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	440	540	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	280	ug/Kg
218-01-9	Chrysene	130	U	130	210	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	210	280	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	440	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	210	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	210	280	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	210	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	210	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	210	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	210	280	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	210	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	210	280	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	280	280	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.948		18-112		47	SPK: -150
13127-88-3	Phenol-d6	72.616		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	57.387		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	44.197		20-109		44	SPK: -100



Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	916-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	38.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Cleanup :	
		GPC Factor :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139096.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.348		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	47.991		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86250	6.898				
1146-65-2	Naphthalene-d8	334904	8.175				
15067-26-2	Acenaphthene-d10	190520	9.934				
1517-22-2	Phenanthrene-d10	313079	11.416				
1719-03-5	Chrysene-d12	143438	14.051				
1520-96-3	Perylene-d12	184759	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3100	J			2.199	
	unknown3.393	120	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.11	
000470-82-6	Eucalyptol	130	J			7.051	
000057-10-3	n-Hexadecanoic acid	130	J			11.945	
000661-19-8	Behenic alcohol	230	J			13.904	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			14.539	

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-906-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-08	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
BF139097.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-906-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-08	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
BF139097.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	1544.6	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



Client:				Date Collected:	8/16/2024 12:00:00 AM	
Project:				Date Received:	8/16/2024 12:00:00 AM	
Client Sample ID:	S-906-J-0.5-1-081624			SDG No.:	BF082124	
Lab Sample ID:	P3660-08			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
BF139097.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	97.9	U	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	95.2	U	95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.7	U	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	94	U	94	150	200	ug/Kg
218-01-9	Chrysene	92.6	U	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	94.5	U	94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.2	U	96.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	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	130	J	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	77.273		18-112		52	SPK: -150
13127-88-3	Phenol-d6	80.203		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	64.935		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	51.555		20-109		52	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-906-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-08	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
BF139097.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.607		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	50.828		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86738	6.898				
1146-65-2	Naphthalene-d8	333593	8.175				
15067-26-2	Acenaphthene-d10	187007	9.928				
1517-22-2	Phenanthrene-d10	293759	11.416				
1719-03-5	Chrysene-d12	147747	14.051				
1520-96-3	Perylene-d12	190769	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.193	
	unknown3.387	110	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.11	
000770-35-4	1-Phenoxypropan-2-ol	96.7	J			8.486	
000057-10-3	n-Hexadecanoic acid	130	J			11.939	
018835-33-1	1-Hexacosene	320	J			13.904	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	190	J			14.539	
000192-97-2	Benzo[e]pyrene	110	J			15.092	
088104-31-8	2- Chloropropionic acid, octadecyl	120	J			15.215	
000506-51-4	n-Tetracosanol-1	92.4	J			16.08	
000057-88-5	Cholesterol	240	J			16.433	
	unknown17.057	100	J			17.057	
072747-25-2	1H-Cycloprop[e]azulene, decahydro-	360	J			17.215	
000083-47-6	.gamma.-Sitosterol	270	J			17.633	
	unknown18.456	130	J			18.456	

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-906-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139098.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	420	520	ug/Kg
110-86-1	Pyridine	130	U	130	200	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	420	520	ug/Kg
62-53-3	Aniline	150	U	150	200	270	ug/Kg
108-95-2	Phenol	130	U	130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	270	ug/Kg
98-86-2	Acetophenone	140	U	140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	420	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.2	U	63.2	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	270	ug/Kg
78-59-1	Isophorone	130	U	130	200	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	270	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	520	ug/Kg
91-20-3	Naphthalene	130	U	130	200	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	270	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-906-J-0-0.5-081624			SDG No.:	BF082124	
Lab Sample ID:	P3660-05			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	36.4	
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
BF139098.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	420	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	420	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	270	ug/Kg
Total PAH	Total PAH	2090	U	2090	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	200	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	200	270	ug/Kg
84-66-2	Diethylphthalate	130	U	130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	270	ug/Kg
86-73-7	Fluorene	130	U	130	200	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	270	ug/Kg
103-33-3	Azobenzene	120	U	120	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	270	ug/Kg
1912-24-9	Atrazine	140	U	140	200	270	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-906-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139098.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	520	ug/Kg
85-01-8	Phenanthrene	130	J	130	200	270	ug/Kg
120-12-7	Anthracene	130	U	130	200	270	ug/Kg
86-74-8	Carbazole	130	U	130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	270	ug/Kg
206-44-0	Fluoranthene	250	J	130	200	270	ug/Kg
92-87-5	Benzidine	260	U	260	420	520	ug/Kg
129-00-0	Pyrene	240	J	130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	420	520	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	130	200	270	ug/Kg
218-01-9	Chrysene	170	J	120	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	J	130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	200	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.347		18-112		50	SPK: -150
13127-88-3	Phenol-d6	77.53		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	64.251		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	42.608		20-109		43	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-906-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139098.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.69		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	35.214		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96486	6.892				
1146-65-2	Naphthalene-d8	365290	8.175				
15067-26-2	Acenaphthene-d10	205405	9.928				
1517-22-2	Phenanthrene-d10	315424	11.416				
1719-03-5	Chrysene-d12	168459	14.051				
1520-96-3	Perylene-d12	213064	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J			2.204	
004254-14-2	R-(-)-1,2-propanediol	160	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.116	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.486	
000057-10-3	n-Hexadecanoic acid	210	J			11.945	
000661-19-8	Behenic alcohol	170	J			13.904	
000629-78-7	Heptadecane	110	J			14.533	
000192-97-2	Benzo[e]pyrene	160	J			15.404	
	unknown16.433	120	J			16.433	
000473-13-2	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	140	J			17.215	
	unknown17.633	220	J			17.633	

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-906-J-0-0.5-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3660-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139099.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500		140	420	520	ug/Kg
110-86-1	Pyridine	2400		130	200	270	ug/Kg
100-52-7	Benzaldehyde	2000		290	420	520	ug/Kg
62-53-3	Aniline	2600		150	200	270	ug/Kg
108-95-2	Phenol	2700		130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2400		130	200	270	ug/Kg
95-57-8	2-Chlorophenol	2600		130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	2600		130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	2500		130	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500		140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	2700		130	420	520	ug/Kg
95-48-7	2-Methylphenol	2600		130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		140	200	270	ug/Kg
98-86-2	Acetophenone	2600		140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	2700		130	420	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2500		63.3	130	130	ug/Kg
67-72-1	Hexachloroethane	2500		130	200	270	ug/Kg
98-95-3	Nitrobenzene	2800		140	200	270	ug/Kg
78-59-1	Isophorone	2700		130	200	270	ug/Kg
88-75-5	2-Nitrophenol	3000		150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	3100		150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2600		130	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	2600		120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2400		130	200	270	ug/Kg
65-85-0	Benzoic acid	2500		370	420	520	ug/Kg
91-20-3	Naphthalene	2500		130	200	270	ug/Kg
106-47-8	4-Chloroaniline	1500		130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	2500		130	200	270	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-906-J-0-0.5-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3660-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139099.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2600		140	420	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	2600		130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8500	E	240	420	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2800		110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600		120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	2700		140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	2500		130	200	270	ug/Kg
88-74-4	2-Nitroaniline	2900		150	200	270	ug/Kg
131-11-3	Dimethylphthalate	2700		130	200	270	ug/Kg
208-96-8	Acenaphthylene	2800		140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800		130	200	270	ug/Kg
99-09-2	3-Nitroaniline	2100		140	200	270	ug/Kg
83-32-9	Acenaphthene	2900		130	200	270	ug/Kg
Total PAH	Total PAH	41700		2090	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	E	380	420	520	ug/Kg
100-02-7	4-Nitrophenol	5400	E	180	420	520	ug/Kg
132-64-9	Dibenzofuran	2700		130	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5700		270	200	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		140	200	270	ug/Kg
84-66-2	Diethylphthalate	2700		130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2600		130	200	270	ug/Kg
86-73-7	Fluorene	2600		130	200	270	ug/Kg
100-01-6	4-Nitroaniline	2400		170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3200		180	420	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2900		130	200	270	ug/Kg
103-33-3	Azobenzene	2600		120	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2800		120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	2800		130	200	270	ug/Kg
1912-24-9	Atrazine	3000		140	200	270	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-906-J-0-0.5-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3660-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139099.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5000	E	120	420	520	ug/Kg
85-01-8	Phenanthrene	2700		130	200	270	ug/Kg
120-12-7	Anthracene	2700		130	200	270	ug/Kg
86-74-8	Carbazole	2300		130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	2500		130	200	270	ug/Kg
206-44-0	Fluoranthene	2200		130	200	270	ug/Kg
92-87-5	Benzidine	3200		260	420	520	ug/Kg
129-00-0	Pyrene	2700		130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	2600		150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2700		150	420	520	ug/Kg
56-55-3	Benzo(a)anthracene	2700		130	200	270	ug/Kg
218-01-9	Chrysene	2900		120	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700		140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		170	420	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	2900		150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2500		120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500		130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700		140	200	270	ug/Kg
123-91-1	1,4-Dioxane	2300		170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	2500		130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.893		18-112		49	SPK: -150
13127-88-3	Phenol-d6	75.452		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	61.516		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	40.539		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-906-J-0-0.5-081624MS	SDG No.:	BF082124
Lab Sample ID:	P3660-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139099.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.965		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	34.645		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83761	6.898				
1146-65-2	Naphthalene-d8	316859	8.181				
15067-26-2	Acenaphthene-d10	180680	9.934				
1517-22-2	Phenanthrene-d10	287257	11.422				
1719-03-5	Chrysene-d12	147068	14.057				
1520-96-3	Perylene-d12	184340	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-906-J-0-0.5-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3660-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139100.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500		140	420	520	ug/Kg
110-86-1	Pyridine	2400		130	200	270	ug/Kg
100-52-7	Benzaldehyde	1900		290	420	520	ug/Kg
62-53-3	Aniline	2600		150	200	270	ug/Kg
108-95-2	Phenol	2700		130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2400		130	200	270	ug/Kg
95-57-8	2-Chlorophenol	2700		130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	2600		130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	2400		130	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500		140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	2700		130	420	520	ug/Kg
95-48-7	2-Methylphenol	2600		130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		140	200	270	ug/Kg
98-86-2	Acetophenone	2600		140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	2700		130	420	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2600		63.2	130	130	ug/Kg
67-72-1	Hexachloroethane	2500		130	200	270	ug/Kg
98-95-3	Nitrobenzene	2800		140	200	270	ug/Kg
78-59-1	Isophorone	2700		130	200	270	ug/Kg
88-75-5	2-Nitrophenol	3100		150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	3200		150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2600		130	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	2700		120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2400		130	200	270	ug/Kg
65-85-0	Benzoic acid	2700		370	420	520	ug/Kg
91-20-3	Naphthalene	2500		130	200	270	ug/Kg
106-47-8	4-Chloroaniline	1400		130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	2500		130	200	270	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-906-J-0-0.5-081624MSD			SDG No.:	BF082124	
Lab Sample ID:	P3660-07MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	36.4	
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
BF139100.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2600		140	420	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	2600		130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8400	E	240	420	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2800		110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600		120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	2700		140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	2500		130	200	270	ug/Kg
88-74-4	2-Nitroaniline	2900		150	200	270	ug/Kg
131-11-3	Dimethylphthalate	2700		130	200	270	ug/Kg
208-96-8	Acenaphthylene	2800		140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800		130	200	270	ug/Kg
99-09-2	3-Nitroaniline	2100		140	200	270	ug/Kg
83-32-9	Acenaphthene	2900		130	200	270	ug/Kg
Total PAH	Total PAH	41500		2090	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	E	380	420	520	ug/Kg
100-02-7	4-Nitrophenol	5400	E	180	420	520	ug/Kg
132-64-9	Dibenzofuran	2700		130	200	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		140	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5700		270	200	540	ug/Kg
84-66-2	Diethylphthalate	2700		130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2600		130	200	270	ug/Kg
86-73-7	Fluorene	2500		130	200	270	ug/Kg
100-01-6	4-Nitroaniline	2400		170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300		180	420	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2900		130	200	270	ug/Kg
103-33-3	Azobenzene	2600		120	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900		120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	2700		130	200	270	ug/Kg
1912-24-9	Atrazine	3000		140	200	270	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-906-J-0-0.5-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3660-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139100.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5000	E	120	420	520	ug/Kg
85-01-8	Phenanthrene	2700		130	200	270	ug/Kg
120-12-7	Anthracene	2700		130	200	270	ug/Kg
86-74-8	Carbazole	2200		130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	2500		130	200	270	ug/Kg
206-44-0	Fluoranthene	2200		130	200	270	ug/Kg
92-87-5	Benzidine	3100		260	420	520	ug/Kg
129-00-0	Pyrene	2600		130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	2600		150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2600		150	420	520	ug/Kg
56-55-3	Benzo(a)anthracene	2700		130	200	270	ug/Kg
218-01-9	Chrysene	2900		120	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600		140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	3200		170	420	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	2900		150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2500		120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500		130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700		140	200	270	ug/Kg
123-91-1	1,4-Dioxane	2300		170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	2500		130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.3		18-112		49	SPK: -150
13127-88-3	Phenol-d6	75.417		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	62.676		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	40.433		20-109		40	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-906-J-0-0.5-081624MSD	SDG No.:	BF082124
Lab Sample ID:	P3660-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.4
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
BF139100.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.184		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	33.572		10-105		34	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89610	6.898				
1146-65-2	Naphthalene-d8	336148	8.181				
15067-26-2	Acenaphthene-d10	191894	9.934				
1517-22-2	Phenanthrene-d10	303323	11.422				
1719-03-5	Chrysene-d12	158862	14.057				
1520-96-3	Perylene-d12	194420	15.533				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-4-4.5-072024	SDG No.:	BF082124
Lab Sample ID:	P3357-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
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
BF139101.D	1	7/25/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162271

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	160	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	220	ug/Kg
108-95-2	Phenol	100	U	100	160	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	220	ug/Kg
98-86-2	Acetophenone	110	U	110	160	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	U	51	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	160	220	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	220	ug/Kg
78-59-1	Isophorone	110	U	110	160	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	220	ug/Kg
120-83-2	2,4-Dichlorophenol	95.6	U	95.6	160	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	220	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-4-4.5-072024	SDG No.:	BF082124
Lab Sample ID:	P3357-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
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
BF139101.D	1	7/25/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162271

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	98.1	U	98.1	160	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.4	U	90.4	160	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.7	U	93.7	160	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	220	ug/Kg
Total PAH	Total PAH	1668.9	U	1668.9	160	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	160	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	220	ug/Kg
86-73-7	Fluorene	110	U	110	160	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	160	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	160	220	ug/Kg
103-33-3	Azobenzene	100	U	100	160	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.9	U	99.9	160	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	220	ug/Kg
1912-24-9	Atrazine	120	U	120	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-4-4.5-072024	SDG No.:	BF082124
Lab Sample ID:	P3357-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
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
BF139101.D	1	7/25/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.9	U	97.9	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	220	ug/Kg
120-12-7	Anthracene	110	U	110	160	220	ug/Kg
86-74-8	Carbazole	100	U	100	160	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	160	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	220	ug/Kg
218-01-9	Chrysene	100	U	100	160	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	160	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.9	U	98.9	160	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.6	U	94.6	160	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.558		18-112		52	SPK: -150
13127-88-3	Phenol-d6	81.202		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	67.545		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	58.075		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-4-4.5-072024	SDG No.:	BF082124
Lab Sample ID:	P3357-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
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
BF139101.D	1	7/25/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.987		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	53.257		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91413	6.898				
1146-65-2	Naphthalene-d8	348904	8.175				
15067-26-2	Acenaphthene-d10	195605	9.933				
1517-22-2	Phenanthrene-d10	297079	11.416				
1719-03-5	Chrysene-d12	162195	14.051				
1520-96-3	Perylene-d12	200601	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.193	
000067-63-0	Isopropyl Alcohol	230	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.11	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	200	J			8.486	
	unknown	10.028	J			10.028	
000057-10-3	n-Hexadecanoic acid	87.8	J			11.945	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	290	J			12.874	
018835-33-1	1-Hexacosene	320	J			13.904	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	210	J			14.539	
000630-01-3	Hexacosane	140	J			15.198	
000506-51-4	n-Tetracosanol-1	160	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:	910-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139102.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	U	130	420	510	ug/Kg
110-86-1	Pyridine	120	U	120	200	260	ug/Kg
100-52-7	Benzaldehyde	280	U	280	420	510	ug/Kg
62-53-3	Aniline	150	U	150	200	260	ug/Kg
108-95-2	Phenol	130	U	130	200	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	260	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	260	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	260	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	260	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	200	260	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	200	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	260	ug/Kg
98-86-2	Acetophenone	130	U	130	200	260	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	420	510	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.2	U	62.2	120	120	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	260	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	260	ug/Kg
78-59-1	Isophorone	130	U	130	200	260	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	260	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	200	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	260	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	260	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	260	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	510	ug/Kg
91-20-3	Naphthalene	130	U	130	200	260	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	260	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	260	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:	910-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139102.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	130	U	130	420	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	260	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	420	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	200	260	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	200	260	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	260	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	260	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	260	ug/Kg
208-96-8	Acenaphthylene	130	U	130	200	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	260	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	260	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	260	ug/Kg
Total PAH	Total PAH	2050	U	2050	200	4160	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	510	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	510	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	260	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	U	260	200	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	200	260	ug/Kg
84-66-2	Diethylphthalate	120	U	120	200	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	260	ug/Kg
86-73-7	Fluorene	130	U	130	200	260	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	510	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	260	ug/Kg
103-33-3	Azobenzene	120	U	120	200	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	260	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	260	ug/Kg
1912-24-9	Atrazine	140	U	140	200	260	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:	910-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139102.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	510	ug/Kg
85-01-8	Phenanthrene	130	U	130	200	260	ug/Kg
120-12-7	Anthracene	130	U	130	200	260	ug/Kg
86-74-8	Carbazole	120	U	120	200	260	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	260	ug/Kg
206-44-0	Fluoranthene	190	J	130	200	260	ug/Kg
92-87-5	Benzidine	250	U	250	420	510	ug/Kg
129-00-0	Pyrene	180	J	130	200	260	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	420	510	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	200	260	ug/Kg
218-01-9	Chrysene	160	J	120	200	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	260	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	130	200	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	260	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	200	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	200	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	120	200	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	200	260	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	260	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	260	260	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.008		18-112		48	SPK: -150
13127-88-3	Phenol-d6	74.508		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	58.005		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	46.49		20-109		46	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:	910-J-SD-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139102.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.908		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	42.884		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92258	6.898				
1146-65-2	Naphthalene-d8	350389	8.175				
15067-26-2	Acenaphthene-d10	195604	9.933				
1517-22-2	Phenanthrene-d10	300989	11.416				
1719-03-5	Chrysene-d12	164567	14.057				
1520-96-3	Perylene-d12	203505	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.116	
000205-82-3	Benzo[j]fluoranthene	110	J			15.404	
000112-95-8	Eicosane	220	J			16.039	

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:	910-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139103.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	U	130	420	510	ug/Kg
110-86-1	Pyridine	120	U	120	200	260	ug/Kg
100-52-7	Benzaldehyde	280	U	280	420	510	ug/Kg
62-53-3	Aniline	150	U	150	200	260	ug/Kg
108-95-2	Phenol	130	U	130	200	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	260	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	260	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	260	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	260	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	200	260	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	200	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	260	ug/Kg
98-86-2	Acetophenone	130	U	130	200	260	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	420	510	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.3	U	62.3	120	120	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	260	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	260	ug/Kg
78-59-1	Isophorone	130	U	130	200	260	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	260	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	200	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	260	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	260	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	260	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	510	ug/Kg
91-20-3	Naphthalene	130	U	130	200	260	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	260	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	260	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:	910-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139103.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	130	U	130	420	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	260	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	420	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	200	260	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	260	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	260	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	260	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	260	ug/Kg
208-96-8	Acenaphthylene	130	U	130	200	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	260	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	260	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	260	ug/Kg
Total PAH	Total PAH	5390	U	2050	200	4160	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	510	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	510	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	200	260	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	U	260	200	520	ug/Kg
84-66-2	Diethylphthalate	120	U	120	200	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	260	ug/Kg
86-73-7	Fluorene	130	U	130	200	260	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	510	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	260	ug/Kg
103-33-3	Azobenzene	120	U	120	200	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	260	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	260	ug/Kg
1912-24-9	Atrazine	140	U	140	200	260	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:	910-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139103.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	510	ug/Kg
85-01-8	Phenanthrene	580		130	200	260	ug/Kg
120-12-7	Anthracene	130	J	130	200	260	ug/Kg
86-74-8	Carbazole	120	U	120	200	260	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	260	ug/Kg
206-44-0	Fluoranthene	870		130	200	260	ug/Kg
92-87-5	Benzidine	250	U	250	420	510	ug/Kg
129-00-0	Pyrene	790		130	200	260	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	420	510	ug/Kg
56-55-3	Benzo(a)anthracene	570		120	200	260	ug/Kg
218-01-9	Chrysene	510		120	200	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	260	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		130	200	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		130	200	260	ug/Kg
50-32-8	Benzo(a)pyrene	540		140	200	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	J	120	200	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		120	200	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	200	260	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	260	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	260	260	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.142		18-112		51	SPK: -150
13127-88-3	Phenol-d6	78.667		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	62.984		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	46.199		20-109		46	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:	910-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BF139103.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.032		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	35.314		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85511	6.898				
1146-65-2	Naphthalene-d8	315314	8.175				
15067-26-2	Acenaphthene-d10	177801	9.933				
1517-22-2	Phenanthrene-d10	265235	11.416				
1719-03-5	Chrysene-d12	154529	14.057				
1520-96-3	Perylene-d12	174421	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.11	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.486	
000057-10-3	n-Hexadecanoic acid	120	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.027	
033543-31-6	Fluoranthene, 2-methyl-	120	J			13.186	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	160	J			13.798	
	unknown13.892	310	J			13.892	
	unknown13.968	340	J			13.968	
000593-45-3	Octadecane	170	J			14.539	
000630-01-3	Hexacosane	670	J			15.198	
000192-97-2	Benzo[e]pyrene	330	J			15.404	
007098-22-8	Tetratetracontane	520	J			16.039	
	unknown16.092	140	J			16.092	
007390-81-0	Oxirane, hexadecyl-	170	J			16.856	
000224-41-9	Dibenz[a,j]anthracene	130	J			17.186	
	unknown17.645	140	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:	S-901-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.1	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
BF139104.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	51.5	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	300	U	300	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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-901-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.1	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
BF139104.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	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	350	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	94.6	U	94.6	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	1689.8	U	1689.8	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	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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-901-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.1 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
BF139104.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.8	U	98.8	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	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	260		100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	180	J	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	170	J	100	170	220	ug/Kg
218-01-9	Chrysene	160	J	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	240		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.8	U	99.8	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	190	J	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	95.5	U	95.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.008		18-112		50	SPK: -150
13127-88-3	Phenol-d6	76.422		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	64.792		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	46.49		20-109		46	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-901-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.1	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
BF139104.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.04		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	29.781		10-105		30	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87908	6.898				
1146-65-2	Naphthalene-d8	325479	8.175				
15067-26-2	Acenaphthene-d10	163105	9.933				
1517-22-2	Phenanthrene-d10	214328	11.416				
1719-03-5	Chrysene-d12	178213	14.051				
1520-96-3	Perylene-d12	164701	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.199	
004254-14-2	R-(-)-1,2-propanediol	120	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.11	
000080-56-8	.alpha.-Pinene	110	J			6.181	
000470-82-6	Eucalyptol	110	J			7.051	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.486	
000057-10-3	n-Hexadecanoic acid	270	J			11.945	
001740-19-8	Dehydroabietic acid	220	J			13.857	
001454-84-8	n-Nonadecanol-1	190	J			13.904	
000295-17-0	Cyclotetradecane	120	J			14.539	
000544-76-3	Hexadecane	290	J			15.198	
000192-97-2	Benzo[e]pyrene	120	J			15.404	
000593-45-3	Octadecane	140	J			16.039	
005348-82-3	Acetic acid, chloro-, octadecyl es	110	J			16.086	
053111-25-4	(4aS,9aR)-3,5,5,9-Tetramethyl-2,4a	220	J			17.215	
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	310	J			17.639	
	unknown17.721	180	J			17.721	
000471-74-9	.delta.8(14)-Isopimaric acid	200	J			17.98	
	unknown18.462	140	J			18.462	

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-901-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22
Sample Wt/Vol:	30.1 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
BF139104.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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-901-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139105.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.4	U	99.4	310	380	ug/Kg
110-86-1	Pyridine	91.5	U	91.5	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	95	U	95	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.9	U	95.9	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.7	U	95.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.9	U	96.9	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.5	U	98.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.1	U	99.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	95.1	U	95.1	310	380	ug/Kg
95-48-7	2-Methylphenol	92.3	U	92.3	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.6	U	99.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91.4	U	91.4	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.2	U	46.2	91.7	91.7	ug/Kg
67-72-1	Hexachloroethane	95.1	U	95.1	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.9	U	96.9	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98.3	U	98.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.5	U	86.5	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.8	U	97.8	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.6	U	94.6	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.6	U	94.6	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.4	U	95.4	150	190	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-901-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139105.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.4	U	99.4	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.8	U	88.8	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.5	U	94.5	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.8	U	81.8	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.8	U	84.8	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.4	U	95.4	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.6	U	93.6	150	190	ug/Kg
208-96-8	Acenaphthylene	99.1	U	99.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.3	U	95.3	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.9	U	92.9	150	190	ug/Kg
Total PAH	Total PAH	1521.6	U	1521.6	150	3040	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	96.7	U	96.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	194.1	U	194.1	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.8	U	98.8	150	190	ug/Kg
84-66-2	Diethylphthalate	91.8	U	91.8	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.1	U	98.1	150	190	ug/Kg
86-73-7	Fluorene	98	U	98	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.5	U	93.5	150	190	ug/Kg
103-33-3	Azobenzene	91.2	U	91.2	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.4	U	90.4	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97.4	U	97.4	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	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-901-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139105.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.6	U	88.6	310	380	ug/Kg
85-01-8	Phenanthrene	96.2	U	96.2	150	190	ug/Kg
120-12-7	Anthracene	96.7	U	96.7	150	190	ug/Kg
86-74-8	Carbazole	92	U	92	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.6	U	96.6	150	190	ug/Kg
206-44-0	Fluoranthene	93.6	U	93.6	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	95.1	U	95.1	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.5	U	92.5	150	190	ug/Kg
218-01-9	Chrysene	91.1	U	91.1	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.9	U	92.9	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.6	U	94.6	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.5	U	89.5	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93	U	93	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	91.8	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.4	U	99.4	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.6	U	85.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	95.3	U	95.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.288		18-112		41	SPK: -150
13127-88-3	Phenol-d6	63.831		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	54.374		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	47.368		20-109		47	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-901-J-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139105.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.189		10-116		38	SPK: -150
1718-51-0	Terphenyl-d14	35.629		10-105		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85374	6.898				
1146-65-2	Naphthalene-d8	304737	8.175				
15067-26-2	Acenaphthene-d10	152414	9.928				
1517-22-2	Phenanthrene-d10	207304	11.416				
1719-03-5	Chrysene-d12	172523	14.051				
1520-96-3	Perylene-d12	154645	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.181	
	unknown3.381	92.8	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	79.4	J			8.486	
000057-10-3	n-Hexadecanoic acid	96.6	J			11.939	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	380	J			12.868	
959085-66-6	Heptadecyl heptafluorobutyrate	150	J			13.904	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			14.539	
028102-68-3	(R)-2-((4aS,8aR)-4a-Methyl-8-methy	890	J			14.798	
000192-97-2	Benzo[e]pyrene	78.7	J			15.098	
000630-01-3	Hexacosane	80.2	J			15.198	

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-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-03	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
BF139106.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	51.3	U	51.3	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	96.1	U	96.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-03	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
BF139106.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	98.6	U	98.6	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.8	U	90.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.1	U	94.1	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	280		100	170	220	ug/Kg
Total PAH	Total PAH	23360		1689.4	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	170	J	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	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	320		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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-J-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-03	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
BF139106.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.3	U	98.3	340	420	ug/Kg
85-01-8	Phenanthrene	3300		110	170	220	ug/Kg
120-12-7	Anthracene	880		110	170	220	ug/Kg
86-74-8	Carbazole	440		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	4600	E	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	2700		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	2000		100	170	220	ug/Kg
218-01-9	Chrysene	2000		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	2400		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	890		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	1900		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		99.4	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		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	U	95	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.55		18-112		43	SPK: -150
13127-88-3	Phenol-d6	64.755		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	56.531		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	46.646		20-109		47	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-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-03	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
BF139106.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.316		10-116		38	SPK: -150
1718-51-0	Terphenyl-d14	31.407		10-105		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84206	6.898				
1146-65-2	Naphthalene-d8	301294	8.175				
15067-26-2	Acenaphthene-d10	139828	9.928				
1517-22-2	Phenanthrene-d10	189573	11.416				
1719-03-5	Chrysene-d12	168419	14.057				
1520-96-3	Perylene-d12	134093	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			12.028	
000243-17-4	11H-Benzo[b]fluorene	180	J			13.186	
006765-39-5	1-Heptadecene	170	J			13.898	
000112-88-9	1-Octadecene	180	J			14.539	
007476-08-6	Benz(a)anthracene-7-carbonitrile	200	J			14.933	
007390-81-0	Oxirane, hexadecyl-	250	J			14.998	
000192-97-2	Benzo[e]pyrene	1100	J			15.21	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	220	J			15.304	
	unknown15.363	180	J			15.363	
000205-82-3	Benzo[j]fluoranthene	1300	J			15.41	
000629-94-7	Heneicosane	300	J			16.033	
1000151-82-0	Boroxin, ethyldiphenyl-	300	J			16.092	
000193-43-1	Indeno[1,2,3-cd]fluoranthene	370	J			16.851	
000215-58-7	Benzo[b]triphenylene	310	J			17.198	
000213-46-7	Picene	370	J			17.251	
000083-46-5	.beta.-Sitosterol	480	J			17.633	
000191-26-4	Dibenzo[def,mno]chrysene	390	J			17.692	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	470	J			17.98	

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-0-0.5-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-03	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
BF139106.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown18.462	200	J			18.462	

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-902-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-04	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
BF139107.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	51.8	U	51.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	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:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	S-902-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-04	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
BF139107.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

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	99.6	U	99.6	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	91.7	U	91.7	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.1	U	95.1	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	440		100	170	220	ug/Kg
Total PAH	Total PAH	27990		1690	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	290		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	490		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	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



Client:				Date Collected:	8/16/2024 12:00:00 AM	
Project:				Date Received:	8/16/2024 12:00:00 AM	
Client Sample ID:	S-902-0.5-1-081624			SDG No.:	BF082124	
Lab Sample ID:	P3660-04			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
BF139107.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.3	U	99.3	350	420	ug/Kg
85-01-8	Phenanthrene	4400	E	110	170	220	ug/Kg
120-12-7	Anthracene	1300		110	170	220	ug/Kg
86-74-8	Carbazole	590		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	5200	E	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	3400		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	2500		100	170	220	ug/Kg
218-01-9	Chrysene	2100		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	2600		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2200		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		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	U	96	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.612		18-112		37	SPK: -150
13127-88-3	Phenol-d6	56.219		15-107		37	SPK: -150
4165-60-0	Nitrobenzene-d5	48.962		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	39.858		20-109		40	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-902-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-04	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
BF139107.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	50.921		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	28.094		10-105		28	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83112	6.898				
1146-65-2	Naphthalene-d8	295487	8.175				
15067-26-2	Acenaphthene-d10	141956	9.927				
1517-22-2	Phenanthrene-d10	198637	11.416				
1719-03-5	Chrysene-d12	164495	14.057				
1520-96-3	Perylene-d12	132017	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.11	
000098-97-5	Pyrazinoic acid	150	J			6.375	
000571-58-4	Naphthalene, 1,4-dimethyl-	140	J			9.592	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			12.033	
000243-17-4	11H-Benzo[b]fluorene	190	J			13.186	
033543-31-6	Fluoranthene, 2-methyl-	130	J			13.251	
	unknown15.004	190	J			15.004	
000192-97-2	Benzo[e]pyrene	510	J			15.21	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	290	J			15.315	
	unknown15.362	160	J			15.362	
000198-55-0	Perylene	1400	J			15.41	
074003-55-7	3,4-Dibromobenzaldehyde	220	J			16.092	
000191-26-4	Dibenzo[def,mno]chrysene	260	J			16.839	
000213-46-7	Picene	120	J			17.098	
000214-17-5	Benzo[b]chrysene	270	J			17.198	
000135-48-8	Pentacene	120	J			17.256	
	unknown17.633	170	J			17.633	
000193-43-1	Indeno[1,2,3-cd]fluoranthene	430	J			17.692	

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-902-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3660-04	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
BF139107.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006874-67-5	Farnesyl bromide	280	J			17.974	

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.:	BF082124
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
BF139108.D	1	8/20/2024 12:00:00 AM	8/21/2024 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.:	BF082124
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
BF139108.D	1	8/20/2024 12:00:00 AM	8/21/2024 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	14890	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370	U	370	290	760	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	290	380	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.:	BF082124
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
BF139108.D	1	8/20/2024 12:00:00 AM	8/21/2024 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	210	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	1900		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	1200		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	710		180	290	380	ug/Kg
50-32-8	Benzo(a)pyrene	1300		210	290	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	590		170	290	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	290	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	780		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	89.484		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.559		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	75.535		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	58.037		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:	915-J-SD-0-0.5-081624	SDG No.:	BF082124
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
BF139108.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.457		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	33.658		10-105		34	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84839	6.898				
1146-65-2	Naphthalene-d8	298493	8.175				
15067-26-2	Acenaphthene-d10	138496	9.928				
1517-22-2	Phenanthrene-d10	188123	11.416				
1719-03-5	Chrysene-d12	170516	14.057				
1520-96-3	Perylene-d12	130898	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	A			5.122	
000613-12-7	Anthracene, 2-methyl-	230	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350	J			12.028	
000084-65-1	9,10-Anthracenedione	300	J			12.233	
002381-21-7	Pyrene, 1-methyl-	200	J			13.186	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	200	J			13.804	
000479-79-8	11H-Benzo[a]fluoren-11-one	240	J			13.898	
1000159-66-2	3,6-Dibora-2,4,5,7-tetraoxaphenanth	150	J			14.586	
020548-62-3	Di-isononyl phthlate	190	J			14.839	
000544-76-3	Hexadecane	600	J			15.198	
000192-97-2	Benzo[e]pyrene	880	J			15.404	
000593-45-3	Octadecane	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:	915-J-SD-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139109.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	230	U	230	700	860	ug/Kg
110-86-1	Pyridine	210	U	210	340	440	ug/Kg
100-52-7	Benzaldehyde	470	U	470	700	860	ug/Kg
62-53-3	Aniline	250	U	250	340	440	ug/Kg
108-95-2	Phenol	220	U	220	340	440	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	220	U	220	340	440	ug/Kg
95-57-8	2-Chlorophenol	220	U	220	340	440	ug/Kg
95-50-1	1,2-Dichlorobenzene	220	U	220	340	440	ug/Kg
541-73-1	1,3-Dichlorobenzene	220	U	220	340	440	ug/Kg
106-46-7	1,4-Dichlorobenzene	230	U	230	340	440	ug/Kg
100-51-6	Benzyl Alcohol	220	U	220	700	860	ug/Kg
95-48-7	2-Methylphenol	210	U	210	340	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	240	U	240	340	440	ug/Kg
98-86-2	Acetophenone	230	U	230	340	440	ug/Kg
65794-96-9	3+4-Methylphenols	210	U	210	700	860	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	210	210	ug/Kg
67-72-1	Hexachloroethane	220	U	220	340	440	ug/Kg
98-95-3	Nitrobenzene	240	U	240	340	440	ug/Kg
78-59-1	Isophorone	220	U	220	340	440	ug/Kg
88-75-5	2-Nitrophenol	250	U	250	340	440	ug/Kg
105-67-9	2,4-Dimethylphenol	240	U	240	340	440	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	220	U	220	340	440	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	340	440	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	220	U	220	340	440	ug/Kg
65-85-0	Benzoic acid	620	U	620	700	860	ug/Kg
91-20-3	Naphthalene	220	U	220	340	440	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	340	440	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	340	440	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-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-10	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
BF139109.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	230	U	230	700	860	ug/Kg
59-50-7	4-Chloro-3-methylphenol	200	U	200	340	440	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	340	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	410	700	860	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	340	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	340	440	ug/Kg
92-52-4	1,1-Biphenyl	230	U	230	340	440	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	340	440	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	340	440	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	340	440	ug/Kg
208-96-8	Acenaphthylene	230	U	230	340	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	340	440	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	340	440	ug/Kg
83-32-9	Acenaphthene	300	J	210	340	440	ug/Kg
Total PAH	Total PAH	110910		3460	340	7040	ug/Kg
51-28-5	2,4-Dinitrophenol	630	U	630	700	860	ug/Kg
100-02-7	4-Nitrophenol	300	U	300	700	860	ug/Kg
132-64-9	Dibenzofuran	220	U	220	340	440	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	440	U	440	340	880	ug/Kg
121-14-2	2,4-Dinitrotoluene	220	U	220	340	440	ug/Kg
84-66-2	Diethylphthalate	210	U	210	340	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	340	440	ug/Kg
86-73-7	Fluorene	710		220	340	440	ug/Kg
100-01-6	4-Nitroaniline	280	U	280	340	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	310	700	860	ug/Kg
86-30-6	n-Nitrosodiphenylamine	210	U	210	340	440	ug/Kg
103-33-3	Azobenzene	210	U	210	340	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	340	440	ug/Kg
118-74-1	Hexachlorobenzene	220	U	220	340	440	ug/Kg
1912-24-9	Atrazine	240	U	240	340	440	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-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	61.7
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
BF139109.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	200	U	200	700	860	ug/Kg
85-01-8	Phenanthrene	12300	E	220	340	440	ug/Kg
120-12-7	Anthracene	2300		220	340	440	ug/Kg
86-74-8	Carbazole	1100		210	340	440	ug/Kg
84-74-2	Di-n-butylphthalate	220	U	220	340	440	ug/Kg
206-44-0	Fluoranthene	23100	E	210	340	440	ug/Kg
92-87-5	Benzidine	430	U	430	700	860	ug/Kg
129-00-0	Pyrene	15800	E	220	340	440	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	340	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	700	860	ug/Kg
56-55-3	Benzo(a)anthracene	10800	E	210	340	440	ug/Kg
218-01-9	Chrysene	9500	E	210	340	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	340	440	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	290	700	860	ug/Kg
205-99-2	Benzo(b)fluoranthene	11000	E	210	340	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	5100		220	340	440	ug/Kg
50-32-8	Benzo(a)pyrene	9700	E	240	340	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4700		200	340	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		210	340	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400		210	340	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	230	340	440	ug/Kg
123-91-1	1,4-Dioxane	290	U	290	340	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	340	440	ug/Kg
90-12-0	1-Methylnaphthalene	220	U	220	440	440	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.005		18-112		75	SPK: -150
13127-88-3	Phenol-d6	110.687		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	95.343		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	80.259		20-109		80	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-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-10	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
BF139109.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.495		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	57.908		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82618	6.898				
1146-65-2	Naphthalene-d8	293248	8.175				
15067-26-2	Acenaphthene-d10	136485	9.933				
1517-22-2	Phenanthrene-d10	187497	11.422				
1719-03-5	Chrysene-d12	147499	14.063				
1520-96-3	Perylene-d12	115799	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4000	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	510	A			5.128	
000203-64-5	4H-Cyclopenta[def]phenanthrene	410	J			12.033	
000612-94-2	Naphthalene, 2-phenyl-	230	J			12.216	
000243-17-4	11H-Benzo[b]fluorene	460	J			13.186	
000238-84-6	11H-Benzo[a]fluorene	340	J			13.257	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	250	J			13.804	
	unknown13.863	280	J			13.863	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	260	J			14.169	
050861-05-7	9H-Cyclopenta[a]pyrene	270	J			14.586	
000192-97-2	Benzo[e]pyrene	2600	J			15.216	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	680	J			15.31	
000198-55-0	Perylene	5700	J			15.416	
000220-97-3	11H-Indeno[2,1-a]phenanthrene	360	J			15.71	
074003-55-7	3,4-Dibromobenzaldehyde	820	J			16.098	
000191-26-4	Dibenzo[def,mno]chrysene	1200	J			16.845	
000213-46-7	Picene	470	J			17.098	
000215-58-7	Benzo[b]triphenylene	1000	J			17.198	
000222-93-5	Pentaphene	730	J			17.262	

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-0.5-1-081624	SDG No.:	BF082124
Lab Sample ID:	P3663-10	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
BF139109.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000193-43-1	Indeno[1,2,3-cd]fluoranthene	1700	J			17.703	

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-0-0.5-081624	SDG No.:	BF082124
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
BF139110.D	1	8/20/2024 12:00:00 AM	8/21/2024 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-0-0.5-081624	SDG No.:	BF082124
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
BF139110.D	1	8/20/2024 12:00:00 AM	8/21/2024 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
Total PAH	Total PAH	29320	U	3960	390	8160	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	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-0-0.5-081624	SDG No.:	BF082124
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
BF139110.D	1	8/20/2024 12:00:00 AM	8/21/2024 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	530		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	6600		240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	4300		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	2600		240	390	510	ug/Kg
218-01-9	Chrysene	2600		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	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	2900		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	2400		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290	J	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		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	112.729		18-112		75	SPK: -150
13127-88-3	Phenol-d6	111.702		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	98.319		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	81.077		20-109		81	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-0-0.5-081624	SDG No.:	BF082124
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
BF139110.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.658		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	56.695		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76237	6.898				
1146-65-2	Naphthalene-d8	268187	8.175				
15067-26-2	Acenaphthene-d10	120597	9.927				
1517-22-2	Phenanthrene-d10	177620	11.416				
1719-03-5	Chrysene-d12	146224	14.057				
1520-96-3	Perylene-d12	112457	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5600	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	600	A			5.122	
002531-84-2	Phenanthrene, 2-methyl-	230	J			11.916	
000613-12-7	Anthracene, 2-methyl-	500	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	780	J			12.027	
000612-94-2	Naphthalene, 2-phenyl-	250	J			12.216	
000238-84-6	11H-Benzo[a]fluorene	350	J			13.186	
033543-31-6	Fluoranthene, 2-methyl-	230	J			13.251	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	290	J			13.804	
000479-79-8	11H-Benzo[a]fluoren-11-one	520	J			13.898	
1000331-84-7	3-Methyl-1-(4-morpholinyl)pyrido[1	310	J			13.968	
000191-30-0	1,2,9,10-Dibenzopyrene	400	J			15.004	
000593-45-3	Octadecane	1700	J			15.198	
000192-97-2	Benzo[e]pyrene	1700	J			15.403	
000629-92-5	Nonadecane	630	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.:	BF082124
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
BF139111.D	1	8/20/2024 12:00:00 AM	8/21/2024 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.:	BF082124
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
BF139111.D	1	8/20/2024 12:00:00 AM	8/21/2024 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	19440	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.:	BF082124
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
BF139111.D	1	8/20/2024 12:00:00 AM	8/21/2024 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	2700		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	1700		450	720	940	ug/Kg
218-01-9	Chrysene	1800		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	2300		450	720	940	ug/Kg
207-08-9	Benzo(k)fluoranthene	810	J	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	104.507		18-112		70	SPK: -150
13127-88-3	Phenol-d6	102.664		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	91.582		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	76.222		20-109		76	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.:	BF082124
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
BF139111.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.23		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	54.89		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77912	6.898				
1146-65-2	Naphthalene-d8	270606	8.175				
15067-26-2	Acenaphthene-d10	124396	9.928				
1517-22-2	Phenanthrene-d10	189134	11.416				
1719-03-5	Chrysene-d12	152308	14.057				
1520-96-3	Perylene-d12	112533	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8500	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1000	A			5.122	
000057-10-3	n-Hexadecanoic acid	450	J			11.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	430	J			12.028	
000243-17-4	11H-Benzo[b]fluorene	470	J			13.186	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	430	J			13.804	
000479-79-8	11H-Benzo[a]fluoren-11-one	480	J			13.898	
000544-76-3	Hexadecane	760	J			15.198	
000205-82-3	Benzo[j]fluoranthene	1000	J			15.404	

Hit Summary Sheet SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-857-J-SO-4-4.5-072024								
P3357-05	S-857-J-SO-4-4.5-072024	Solid	1-Hexacosene	*	320.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Carbonic acid, eicosyl vinyl ester	*	210.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Hexacosane	*	140.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Isopropyl Alcohol	*	230.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	n-Hexadecanoic acid	*	87.800	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	n-Tetracosanol-1	*	160.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	Phenol, 4,4-(1-methylethylidene)b	*	290.000	J		
P3357-05	S-857-J-SO-4-4.5-072024	Solid	unknown10.028	*	910.000	J		
Total Tics :					5,027.80			
Total Concentration:					5,027.80			
Client ID : S-901-J-0-0.5-081624								
P3660-01	S-901-J-0-0.5-081624	Solid	(4aS,9aR)-3,5,5,9-Tetramethyl-2,4	*	220.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	.alpha.-Pinene	*	110.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	.delta.8(14)-Isopimaric acid	*	200.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3660-01	S-901-J-0-0.5-081624	Solid	Acetic acid, chloro-, octadecyl es	*	110.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Benzo[e]pyrene	*	120.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	*	2,600.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Cholest-5-ene, 3-ethoxy-, (3.beta.	*	310.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Cyclotetradecane	*	120.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Dehydroabietic acid	*	220.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Eucalyptol	*	110.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Hexadecane	*	290.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	n-Hexadecanoic acid	*	270.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	n-Nonadecanol-1	*	190.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	Octadecane	*	140.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	R-(-)-1,2-propanediol	*	120.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	unknown17.721	*	180.000	J		
P3660-01	S-901-J-0-0.5-081624	Solid	unknown18.462	*	140.000	J		
Total Tics :					5,750.00			
P3660-01	S-901-J-0-0.5-081624	Solid	Benzo(a)anthracene		170.000	J	100	ug/Kg
P3660-01	S-901-J-0-0.5-081624	Solid	Benzo(a)pyrene		180.000	J	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3660-01	S-901-J-0-0.5-081624	Solid	Benzo(b)fluoranthene	240.000		100	220	ug/Kg
P3660-01	S-901-J-0-0.5-081624	Solid	Benzo(g,h,i)perylene	190.000	J	100	220	ug/Kg
P3660-01	S-901-J-0-0.5-081624	Solid	Chrysene	160.000	J	100	220	ug/Kg
P3660-01	S-901-J-0-0.5-081624	Solid	Fluoranthene	260.000		100	220	ug/Kg
P3660-01	S-901-J-0-0.5-081624	Solid	Pyrene	180.000	J	110	220	ug/Kg
Total Svoc :				1,380.00				
Total Concentration:				7,130.00				
Client ID : S-901-J-0.5-1-081624								
P3660-02	S-901-J-0.5-1-081624	Solid	(R)-2-((4aS,8aR)-4a-Methyl-8-me *	890.000	J			
P3660-02	S-901-J-0.5-1-081624	Solid	1-Phenoxypropan-2-ol *	79.400	J			
P3660-02	S-901-J-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P3660-02	S-901-J-0.5-1-081624	Solid	Benzo[e]pyrene *	78.700	J			
P3660-02	S-901-J-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl- *	1,700.000	J			
P3660-02	S-901-J-0.5-1-081624	Solid	Heptadecyl heptafluorobutyrate *	150.000	J			
P3660-02	S-901-J-0.5-1-081624	Solid	Hexacosane *	80.200	J			
P3660-02	S-901-J-0.5-1-081624	Solid	n-Hexadecanoic acid *	96.600	J			
P3660-02	S-901-J-0.5-1-081624	Solid	Pentadecafluorooctanoic acid, octa *	110.000	J			
P3660-02	S-901-J-0.5-1-081624	Solid	Phenol, 4,4-(1-methylethylidene)ba *	380.000	J			
P3660-02	S-901-J-0.5-1-081624	Solid	unknown3.381 *	92.800	J			
Total Tics :				3,797.70				
P3660-02	S-901-J-0.5-1-081624	Solid	Benzo(g,h,i)perylene	120.000	J	91.8	190	ug/Kg
Total Svoc :				120.00				
Total Concentration:				3,917.70				
Client ID : S-902-J-0-0.5-081624								
P3660-03	S-902-J-0-0.5-081624	Solid	.beta.-Sitosterol *	480.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	1,1,4a-Trimethyl-5,6-dimethylene *	470.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	1-Heptadecene *	170.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	1-Octadecene *	180.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	11H-Benzo[b]fluorene *	180.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	4H-Cyclopenta[def]phenanthrene *	180.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Benz(a)anthracene-7-carbonitrile *	200.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo[b]triphenylene *	310.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo[e]pyrene *	1,100.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo[j]fluoranthene *	1,300.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Boroxin, ethyldiphenyl- *	300.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Dibenzo[def,mno]chrysene *	390.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Dinaphtho[1,2-b:1,2-d]furan *	220.000	J			
P3660-03	S-902-J-0-0.5-081624	Solid	Heneicosane *	300.000	J			

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SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3660-03	S-902-J-0-0.5-081624	Solid	Indeno[1,2,3-cd]fluoranthene	*	370.000	J		
P3660-03	S-902-J-0-0.5-081624	Solid	Oxirane, hexadecyl-	*	250.000	J		
P3660-03	S-902-J-0-0.5-081624	Solid	Picene	*	370.000	J		
P3660-03	S-902-J-0-0.5-081624	Solid	unknown15.363	*	180.000	J		
P3660-03	S-902-J-0-0.5-081624	Solid	unknown18.462	*	200.000	J		
Total Tics :					9,250.00			
P3660-03	S-902-J-0-0.5-081624	Solid	Acenaphthene		280.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Anthracene		880.000	110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo(a)anthracene		2,000.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo(a)pyrene		1,900.000	120	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo(b)fluoranthene		2,400.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo(g,h,i)perylene		930.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Benzo(k)fluoranthene		890.000	110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Carbazole		440.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Chrysene		2,000.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Dibenzo(a,h)anthracene		240.000	100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Dibenzofuran		170.000	J 110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Fluoranthene		4,600.000	E 100	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Fluorene		320.000	110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Indeno(1,2,3-cd)pyrene		920.000	99.4	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Phenanthrene		3,300.000	110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Pyrene		2,700.000	110	220	ug/Kg
P3660-03	S-902-J-0-0.5-081624	Solid	Total PAH		23,360.000	1689.4	3520	ug/Kg
Total Svoc :					47,330.00			
Total Concentration:					56,580.00			
Client ID : S-902-0.5-1-081624								
P3660-04	S-902-0.5-1-081624	Solid	11H-Benzo[b]fluorene	*	190.000	J		
P3660-04	S-902-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3660-04	S-902-0.5-1-081624	Solid	3,4-Dibromobenzaldehyde	*	220.000	J		
P3660-04	S-902-0.5-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Benzo[b]chrysene	*	270.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Benzo[e]pyrene	*	510.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Dibenzo[def,mno]chrysene	*	260.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	290.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Farnesyl bromide	*	280.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Indeno[1,2,3-cd]fluoranthene	*	430.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Naphthalene, 1,4-dimethyl-	*	140.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Pentacene	*	120.000	J		

Hit Summary Sheet
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SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3660-04	S-902-0.5-1-081624	Solid	Perylene	*	1,400.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Picene	*	120.000	J		
P3660-04	S-902-0.5-1-081624	Solid	Pyrazinoic acid	*	150.000	J		
P3660-04	S-902-0.5-1-081624	Solid	unknown15.004	*	190.000	J		
P3660-04	S-902-0.5-1-081624	Solid	unknown15.362	*	160.000	J		
P3660-04	S-902-0.5-1-081624	Solid	unknown17.633	*	170.000	J		
Total Tics :					6,810.00			
P3660-04	S-902-0.5-1-081624	Solid	Acenaphthene		440.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Anthracene		1,300.000	110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Benzo(a)anthracene		2,500.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Benzo(a)pyrene		2,200.000	120	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Benzo(b)fluoranthene		2,600.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Benzo(g,h,i)perylene		1,000.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Benzo(k)fluoranthene		1,100.000	110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Carbazole		590.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Chrysene		2,100.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Dibenzo(a,h)anthracene		270.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Dibenzofuran		290.000	110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Fluoranthene		5,200.000	E 100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Fluorene		490.000	110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Indeno(1,2,3-cd)pyrene		990.000	100	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Phenanthrene		4,400.000	E 110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Pyrene		3,400.000	110	220	ug/Kg
P3660-04	S-902-0.5-1-081624	Solid	Total PAH		27,990.000	1690	3520	ug/Kg
Total Svoc :					56,860.00			
Total Concentration:					63,670.00			

Client ID : S-906-J-0-0.5-081624

P3660-05	S-906-J-0-0.5-081624	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P3660-05	S-906-J-0-0.5-081624	Solid	Behenic alcohol	*	170.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	Benzo[e]pyrene	*	160.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	*	3,000.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	Heptadecane	*	110.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	n-Hexadecanoic acid	*	210.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	140.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	R-(-)-1,2-propanediol	*	160.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	unknown16.433	*	120.000	J		
P3660-05	S-906-J-0-0.5-081624	Solid	unknown17.633	*	220.000	J		
Total Tics :					4,630.00			
P3660-05	S-906-J-0-0.5-081624	Solid	Benzo(a)anthracene		140.000	J 130	270	ug/Kg

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SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3660-05	S-906-J-0-0.5-081624	Solid	Benzo(a)pyrene	160.000	J	150	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Benzo(b)fluoranthene	190.000	J	130	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Benzo(g,h,i)perylene	230.000	J	130	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	140	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Chrysene	170.000	J	120	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Fluoranthene	250.000	J	130	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Phenanthrene	130.000	J	130	270	ug/Kg
P3660-05	S-906-J-0-0.5-081624	Solid	Pyrene	240.000	J	130	270	ug/Kg
Total Svoc :				1,680.00				
Total Concentration:				6,310.00				
Client ID : S-906-J-0.5-1-081624								
P3660-08	S-906-J-0.5-1-081624	Solid	.gamma.-Sitosterol	*	270.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	1-Hexacosene	*	320.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	1-Phenoxypropan-2-ol	*	96.700	J		
P3660-08	S-906-J-0.5-1-081624	Solid	1H-Cycloprop[e]azulene, decahyd	*	360.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	2- Chloropropionic acid, octadecy	*	120.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P3660-08	S-906-J-0.5-1-081624	Solid	Benzo[e]pyrene	*	110.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	Cholesterol	*	240.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	Ethanol, 2-(tetradecyloxy)-	*	190.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	n-Hexadecanoic acid	*	130.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	n-Tetracosanol-1	*	92.400	J		
P3660-08	S-906-J-0.5-1-081624	Solid	unknown17.057	*	100.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	unknown18.456	*	130.000	J		
P3660-08	S-906-J-0.5-1-081624	Solid	unknown3.387	*	110.000	J		
Total Tics :				4,529.10				
P3660-08	S-906-J-0.5-1-081624	Solid	Benzo(g,h,i)perylene	130.000	J	93.3	200	ug/Kg
Total Svoc :				130.00				
Total Concentration:				4,659.10				
Client ID : 910-J-SD-0-0.5-081624								
P3663-01	910-J-SD-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P3663-01	910-J-SD-0-0.5-081624	Solid	Benzo[j]fluoranthene	*	110.000	J		
P3663-01	910-J-SD-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3663-01	910-J-SD-0-0.5-081624	Solid	Eicosane	*	220.000	J		
Total Tics :				2,230.00				
P3663-01	910-J-SD-0-0.5-081624	Solid	Benzo(b)fluoranthene	190.000	J	130	260	ug/Kg
P3663-01	910-J-SD-0-0.5-081624	Solid	Benzo(g,h,i)perylene	210.000	J	120	260	ug/Kg
P3663-01	910-J-SD-0-0.5-081624	Solid	Chrysene	160.000	J	120	260	ug/Kg
P3663-01	910-J-SD-0-0.5-081624	Solid	Fluoranthene	190.000	J	130	260	ug/Kg

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SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-01	910-J-SD-0-0.5-081624	Solid	Pyrene	180.000	J	130	260	ug/Kg
Total Svoc :				930.00				
Total Concentration:				3,160.00				
Client ID : 910-J-SD-0.5-1-081624								
P3663-02	910-J-SD-0.5-1-081624	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P3663-02	910-J-SD-0.5-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	160.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo[e]pyrene	*	330.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	3,000.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Dibenz[a,j]anthracene	*	130.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Hexacosane	*	670.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	n-Hexadecanoic acid	*	120.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Octadecane	*	170.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Oxirane, hexadecyl-	*	170.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	Tetratetracontane	*	520.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	unknown13.892	*	310.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	unknown13.968	*	340.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	unknown16.092	*	140.000	J		
P3663-02	910-J-SD-0.5-1-081624	Solid	unknown17.645	*	140.000	J		
Total Tics :				6,780.00				
P3663-02	910-J-SD-0.5-1-081624	Solid	Anthracene		130.000	J 130	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo(a)anthracene		570.000	120	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo(a)pyrene		540.000	140	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo(b)fluoranthene		600.000	130	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo(g,h,i)perylene		320.000	120	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Benzo(k)fluoranthene		270.000	130	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Chrysene		510.000	120	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Fluoranthene		870.000	130	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Indeno(1,2,3-cd)pyrene		210.000	J 120	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Phenanthrene		580.000	130	260	ug/Kg
P3663-02	910-J-SD-0.5-1-081624	Solid	Pyrene		790.000	130	260	ug/Kg
Total Svoc :				5,390.00				
Total Concentration:				12,170.00				
Client ID : 914-J-SD-0-1-081624								
P3663-04	914-J-SD-0-1-081624	Solid	(3S,3aS,6R,7R,9aS)-1,1,7-Trimetl	*	150.000	J		
P3663-04	914-J-SD-0-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	370.000	A		
P3663-04	914-J-SD-0-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	4,600.000	J		

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SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-04	914-J-SD-0-1-081624	Solid	Dichloroacetic acid, heptadecyl es *	490.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	Eucalyptol	400.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	Magnolol	130.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	n-Hexadecanoic acid	320.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	Nonadecyl pentafluoropropionate *	340.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	unknown17.727	140.000	J			
P3663-04	914-J-SD-0-1-081624	Solid	unknown3.428	220.000	J			
Total Tics :				7,160.00				
Total Concentration:				7,160.00				

Client ID : 916-J-SD-0-0.5-081624

P3663-07	916-J-SD-0-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl *	200.000	A			
P3663-07	916-J-SD-0-0.5-081624	Solid	Behenic alcohol	230.000	J			
P3663-07	916-J-SD-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	3,100.000	J			
P3663-07	916-J-SD-0-0.5-081624	Solid	Eucalyptol	130.000	J			
P3663-07	916-J-SD-0-0.5-081624	Solid	n-Hexadecanoic acid	130.000	J			
P3663-07	916-J-SD-0-0.5-081624	Solid	Pentadecafluorooctanoic acid, oct *	180.000	J			
P3663-07	916-J-SD-0-0.5-081624	Solid	unknown3.393	120.000	J			
Total Tics :				4,090.00				
Total Concentration:				4,090.00				

Client ID : 916-J-SD-0.5-1-081624

P3663-08	916-J-SD-0.5-1-081624	Solid	(3S,3aS,6R,7R,9aS)-1,1,7-Trimetl *	200.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	1-Cyclopentyleicosane	150.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl *	290.000	A			
P3663-08	916-J-SD-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	4,800.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	Eucalyptol	500.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	Heptadecyl heptafluorobutyrate *	740.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	n-Hexadecanoic acid	630.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	Naphthalene, 1,2,3,5,6,7,8,8a-octa *	340.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	Octadecanoic acid	290.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	R-(-)-1,2-propanediol	200.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	Trichloroacetic acid, hexadecyl es *	680.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	unknown11.533	140.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	unknown17.039	290.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	unknown17.374	140.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	unknown17.645	180.000	J			
P3663-08	916-J-SD-0.5-1-081624	Solid	unknown17.727	270.000	J			
Total Tics :				9,840.00				
Total Concentration:				9,840.00				

Client ID : 915-J-SD-0-0.5-081624

Hit Summary Sheet SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-09	915-J-SD-0-0.5-081624	Solid	11H-Benzo[a]fluoren-11-one	*	240.000	J		
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	3,6-Dibora-2,4,5,7-tetraoxaphenar	*	150.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	350.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	9,10-Anthracenedione	*	300.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Anthracene, 2-methyl-	*	230.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	200.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo[e]pyrene	*	880.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Di-isononyl phthlate	*	190.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Hexadecane	*	600.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Octadecane	*	290.000	J		
P3663-09	915-J-SD-0-0.5-081624	Solid	Pyrene, 1-methyl-	*	200.000	J		
Total Tics :					6,780.00			
P3663-09	915-J-SD-0-0.5-081624	Solid	Anthracene		210.000	J	190	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(a)anthracene		1,200.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(a)pyrene		1,300.000		210	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(b)fluoranthene		1,800.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(g,h,i)perylene		780.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Benzo(k)fluoranthene		710.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Chrysene		1,400.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Fluoranthene		3,300.000		180	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Indeno(1,2,3-cd)pyrene		590.000		170	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Phenanthrene		1,700.000		190	ug/Kg
P3663-09	915-J-SD-0-0.5-081624	Solid	Pyrene		1,900.000		180	ug/Kg
Total Svoc :					14,890.00			
Total Concentration:					21,670.00			
Client ID : 915-J-SD-0.5-1-081624								
P3663-10	915-J-SD-0.5-1-081624	Solid	11H-Benzo[a]fluorene	*	340.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	11H-Benzo[b]fluorene	*	460.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	11H-Indeno[2,1-a]phenanthrene	*	360.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	510.000	A		
P3663-10	915-J-SD-0.5-1-081624	Solid	3,4-Dibromobenzaldehyde	*	820.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	410.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	9H-Cyclopenta[a]pyrene	*	270.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	250.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo[b]triphenylene	*	1,000.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo[e]pyrene	*	2,600.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	4,000.000	J		
P3663-10	915-J-SD-0.5-1-081624	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	260.000	J		

Hit Summary Sheet SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-10	915-J-SD-0.5-1-081624	Solid	Dibenzo[def,mno]chrysene	* 1,200.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Dinaphtho[1,2-b:1,2-d]furan	* 680.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Indeno[1,2,3-cd]fluoranthene	* 1,700.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Naphthalene, 2-phenyl-	* 230.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Pentaphene	* 730.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Perylene	* 5,700.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	Picene	* 470.000	J			
P3663-10	915-J-SD-0.5-1-081624	Solid	unknown13.863	* 280.000	J			
Total Tics :				22,270.00				
P3663-10	915-J-SD-0.5-1-081624	Solid	Acenaphthene	300.000	J	210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Anthracene	2,300.000		220	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo(a)anthracene	10,800.000	E	210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo(a)pyrene	9,700.000	E	240	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo(b)fluoranthene	11,000.000	E	210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo(g,h,i)perylene	4,400.000		210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Benzo(k)fluoranthene	5,100.000		220	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Carbazole	1,100.000		210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Chrysene	9,500.000	E	210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Dibenzo(a,h)anthracene	1,200.000		210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Fluoranthene	23,100.000	E	210	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Fluorene	710.000		220	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Indeno(1,2,3-cd)pyrene	4,700.000		200	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Phenanthrene	12,300.000	E	220	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Pyrene	15,800.000	E	220	440	ug/Kg
P3663-10	915-J-SD-0.5-1-081624	Solid	Total PAH	110,910.000		3460	7040	ug/Kg
Total Svoc :				222,920.00				
Total Concentration:				245,190.00				

Client ID : 919-J-SD-0.5-081624

P3663-11	919-J-SD-0.5-081624	Solid	1,2,9,10-Dibenzopyrene	* 400.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	11H-Benzo[a]fluoren-11-one	* 520.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	11H-Benzo[a]fluorene	* 350.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	* 600.000	A			
P3663-11	919-J-SD-0.5-081624	Solid	3-Methyl-1-(4-morpholinyl)pyrid	* 310.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	4H-Cyclopenta[def]phenanthrene	* 780.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Anthracene, 2-methyl-	* 500.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	* 290.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Benzo[e]pyrene	* 1,700.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Butane, 2-methoxy-2-methyl-	* 5,600.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Fluoranthene, 2-methyl-	* 230.000	J			
P3663-11	919-J-SD-0.5-081624	Solid	Naphthalene, 2-phenyl-	* 250.000	J			

Hit Summary Sheet SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-11	919-J-SD-0-0.5-081624	Solid	Nonadecane	*	630.000	J		
P3663-11	919-J-SD-0-0.5-081624	Solid	Octadecane	*	1,700.000	J		
P3663-11	919-J-SD-0-0.5-081624	Solid	Phenanthrene, 2-methyl-	*	230.000	J		
Total Tics :					14,090.00			
P3663-11	919-J-SD-0-0.5-081624	Solid	Anthracene		530.000	250	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Benzo(a)anthracene		2,600.000	240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Benzo(a)pyrene		2,400.000	280	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Benzo(b)fluoranthene		2,900.000	240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Benzo(g,h,i)perylene		1,300.000	240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Benzo(k)fluoranthene		1,300.000	250	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Bis(2-ethylhexyl)phthalate		370.000	J 270	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Carbazole		280.000	J 240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Chrysene		2,600.000	240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Dibenzo(a,h)anthracene		290.000	J 240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Fluoranthene		6,600.000	240	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	230	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Phenanthrene		3,400.000	250	510	ug/Kg
P3663-11	919-J-SD-0-0.5-081624	Solid	Pyrene		4,300.000	250	510	ug/Kg
Total Svoc :					29,970.00			
Total Concentration:					44,060.00			

Client ID : 919-J-SD-0-1-081624

P3663-12	919-J-SD-0-1-081624	Solid	11H-Benzo[a]fluoren-11-one	*	480.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	11H-Benzo[b]fluorene	*	470.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	1,000.000	A		
P3663-12	919-J-SD-0-1-081624	Solid	4H-Cyclopenta[def]phenanthrene	*	430.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	430.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Benzo[j]fluoranthene	*	1,000.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Butane, 2-methoxy-2-methyl-	*	8,500.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	Hexadecane	*	760.000	J		
P3663-12	919-J-SD-0-1-081624	Solid	n-Hexadecanoic acid	*	450.000	J		
Total Tics :					13,520.00			
P3663-12	919-J-SD-0-1-081624	Solid	Benzo(a)anthracene		1,700.000	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		2,300.000	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		810.000	J 460	940	ug/Kg
P3663-12	919-J-SD-0-1-081624	Solid	Chrysene		1,800.000	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



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

Hit Summary Sheet
SW-846

SDG No.: BF082124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3663-12	919-J-SD-0-1-081624	Solid	Pyrene	2,700.000		460	940	ug/Kg
Total Svoc :					19,440.00			
Total Concentration:					32,960.00			



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



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
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.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 09:20

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.						
01	PB162850BL	121355	6.90	461611	8.18	271022	9.93
02	PB162850BS	108933	6.90	403276	8.18	234232	9.94
03	916-J-SD-0.5-1-081624	83969	6.90	323212	8.18	186112	9.93
04	914-J-SD-0-1-081624	88228	6.90	333262	8.18	193908	9.93
05	914-J-SD-0-1-081624MS	91245	6.90	344368	8.18	193971	9.93
06	914-J-SD-0-1-081624MSD	90429	6.90	341193	8.18	195409	9.93
07	916-J-SD-0-0.5-081624	86250	6.90	334904	8.18	190520	9.93
08	S-906-J-0.5-1-081624	86738	6.90	333593	8.18	187007	9.93
09	S-906-J-0-0.5-081624	96486	6.89	365290	8.18	205405	9.93
10	S-906-J-0-0.5-081624MS	83761	6.90	316859	8.18	180680	9.93
11	S-906-J-0-0.5-081624MSD	89610	6.90	336148	8.18	191894	9.93
12	S-857-J-SO-4-4.5-072024	91413	6.90	348904	8.18	195605	9.93
13	910-J-SD-0-0.5-081624	92258	6.90	350389	8.18	195604	9.93
14	910-J-SD-0.5-1-081624	85511	6.90	315314	8.18	177801	9.93
15	S-901-J-0-0.5-081624	87908	6.90	325479	8.18	163105	9.93
16	S-901-J-0.5-1-081624	85374	6.90	304737	8.18	152414	9.93
17	S-902-J-0-0.5-081624	84206	6.90	301294	8.18	139828	9.93
18	S-902-0.5-1-081624	83112	6.90	295487	8.18	141956	9.93
19	915-J-SD-0-0.5-081624	84839	6.90	298493	8.18	138496	9.93
20	915-J-SD-0.5-1-081624	82618	6.90	293248	8.18	136485	9.93
21	919-J-SD-0-0.5-081624	76237	6.90	268187	8.18	120597	9.93
22	919-J-SD-0-1-081624	77912	6.90	270606	8.18	124396	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 19:49

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.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139089.D

Time Analyzed: 09:20

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	106520	6.898	388183	8.18	222129	9.93
	UPPER LIMIT	213040	7.398	776366	8.681	444258	10.433
	LOWER LIMIT	53260	6.398	194091.5	7.681	111064.5	9.433
	EPA SAMPLE NO.						
01	PB162850BL	121355	6.90	461611	8.18	271022	9.93
02	PB162850BS	108933	6.90	403276	8.18	234232	9.94
03	916-J-SD-0.5-1-081624	83969	6.90	323212	8.18	186112	9.93
04	914-J-SD-0-1-081624	88228	6.90	333262	8.18	193908	9.93
05	914-J-SD-0-1-081624MS	91245	6.90	344368	8.18	193971	9.93
06	914-J-SD-0-1-081624MSD	90429	6.90	341193	8.18	195409	9.93
07	916-J-SD-0-0.5-081624	86250	6.90	334904	8.18	190520	9.93
08	S-906-J-0.5-1-081624	86738	6.90	333593	8.18	187007	9.93
09	S-906-J-0-0.5-081624	96486	6.89	365290	8.18	205405	9.93
10	S-906-J-0-0.5-081624MS	83761	6.90	316859	8.18	180680	9.93
11	S-906-J-0-0.5-081624MSD	89610	6.90	336148	8.18	191894	9.93
12	S-857-J-SO-4-4.5-072024	91413	6.90	348904	8.18	195605	9.93
13	910-J-SD-0-0.5-081624	92258	6.90	350389	8.18	195604	9.93
14	910-J-SD-0.5-1-081624	85511	6.90	315314	8.18	177801	9.93
15	S-901-J-0-0.5-081624	87908	6.90	325479	8.18	163105	9.93
16	S-901-J-0.5-1-081624	85374	6.90	304737	8.18	152414	9.93
17	S-902-J-0-0.5-081624	84206	6.90	301294	8.18	139828	9.93
18	S-902-0.5-1-081624	83112	6.90	295487	8.18	141956	9.93
19	915-J-SD-0-0.5-081624	84839	6.90	298493	8.18	138496	9.93
20	915-J-SD-0.5-1-081624	82618	6.90	293248	8.18	136485	9.93
21	919-J-SD-0-0.5-081624	76237	6.90	268187	8.18	120597	9.93
22	919-J-SD-0-1-081624	77912	6.90	270606	8.18	124396	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139089.D Time Analyzed: 19:49

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	106520	6.898	388183	8.18	222129	9.93
UPPER LIMIT	213040	7.398	776366	8.681	444258	10.433
LOWER LIMIT	53260	6.398	194091.5	7.681	111064.5	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.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 09:20

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.						
01	PB162850BL	481091	11.42	372322	14.06	318638	15.53
02	PB162850BS	419101	11.42	276239	14.06	219301	15.54
03	916-J-SD-0.5-1-081624	306274	11.42	144567	14.05	186947	15.53
04	914-J-SD-0-1-081624	335638	11.42	152501	14.05	182422	15.53
05	914-J-SD-0-1-081624MS	321854	11.42	150412	14.06	194315	15.53
06	914-J-SD-0-1-081624MSD	318526	11.42	148531	14.06	196106	15.53
07	916-J-SD-0-0.5-081624	313079	11.42	143438	14.05	184759	15.53
08	S-906-J-0.5-1-081624	293759	11.42	147747	14.05	190769	15.53
09	S-906-J-0-0.5-081624	315424	11.42	168459	14.05	213064	15.53
10	S-906-J-0-0.5-081624MS	287257	11.42	147068	14.06	184340	15.53
11	S-906-J-0-0.5-081624MSD	303323	11.42	158862	14.06	194420	15.53
12	S-857-J-SO-4-4.5-072024	297079	11.42	162195	14.05	200601	15.53
13	910-J-SD-0-0.5-081624	300989	11.42	164567	14.06	203505	15.53
14	910-J-SD-0.5-1-081624	265235	11.42	154529	14.06	174421	15.53
15	S-901-J-0-0.5-081624	214328 *	11.42	178213	14.05	164701	15.53
16	S-901-J-0.5-1-081624	207304 *	11.42	172523	14.05	154645	15.53
17	S-902-J-0-0.5-081624	189573 *	11.42	168419	14.06	134093	15.53
18	S-902-0.5-1-081624	198637 *	11.42	164495	14.06	132017	15.53
19	915-J-SD-0-0.5-081624	188123 *	11.42	170516	14.06	130898	15.53
20	915-J-SD-0.5-1-081624	187497 *	11.42	147499	14.06	115799	15.54
21	919-J-SD-0-0.5-081624	177620 *	11.42	146224	14.06	112457	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139082.D Time Analyzed: 19:49

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.						
22 919-J-SD-0-1-081624	189134 *	11.42	152308	14.06	112533	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.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139089.D Time Analyzed: 09:20

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	405782	11.422	277737	14.063	209466	15.533
	UPPER LIMIT	811564	11.922	555474	14.563	418932	16.033
	LOWER LIMIT	202891	10.922	138868.5	13.563	104733	15.033
	EPA SAMPLE NO.						
01	PB162850BL	481091	11.42	372322	14.06	318638	15.53
02	PB162850BS	419101	11.42	276239	14.06	219301	15.54
03	916-J-SD-0.5-1-081624	306274	11.42	144567	14.05	186947	15.53
04	914-J-SD-0-1-081624	335638	11.42	152501	14.05	182422	15.53
05	914-J-SD-0-1-081624MS	321854	11.42	150412	14.06	194315	15.53
06	914-J-SD-0-1-081624MSD	318526	11.42	148531	14.06	196106	15.53
07	916-J-SD-0-0.5-081624	313079	11.42	143438	14.05	184759	15.53
08	S-906-J-0.5-1-081624	293759	11.42	147747	14.05	190769	15.53
09	S-906-J-0-0.5-081624	315424	11.42	168459	14.05	213064	15.53
10	S-906-J-0-0.5-081624MS	287257	11.42	147068	14.06	184340	15.53
11	S-906-J-0-0.5-081624MSD	303323	11.42	158862	14.06	194420	15.53
12	S-857-J-SO-4-4.5-072024	297079	11.42	162195	14.05	200601	15.53
13	910-J-SD-0-0.5-081624	300989	11.42	164567	14.06	203505	15.53
14	910-J-SD-0.5-1-081624	265235	11.42	154529	14.06	174421	15.53
15	S-901-J-0-0.5-081624	214328	11.42	178213	14.05	164701	15.53
16	S-901-J-0.5-1-081624	207304	11.42	172523	14.05	154645	15.53
17	S-902-J-0-0.5-081624	189573 *	11.42	168419	14.06	134093	15.53
18	S-902-0.5-1-081624	198637 *	11.42	164495	14.06	132017	15.53
19	915-J-SD-0-0.5-081624	188123 *	11.42	170516	14.06	130898	15.53
20	915-J-SD-0.5-1-081624	187497 *	11.42	147499	14.06	115799	15.54
21	919-J-SD-0-0.5-081624	177620 *	11.42	146224	14.06	112457	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082124 SAS No.: BF082124 SDG NO.: BF082124

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BF139089.D Time Analyzed: 19:49

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	405782	11.422	277737	14.063	209466	15.533
UPPER LIMIT	811564	11.922	555474	14.563	418932	16.033
LOWER LIMIT	202891	10.922	138868.5	13.563	104733	15.033
EPA SAMPLE NO.						
22 919-J-SD-0-1-081624	189134 *	11.42	152308	14.06	112533	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.: **BF082124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162850BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	1200	ug/Kg	71				10	133	
	Aniline	1700	1600	ug/Kg	94				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	950	ug/Kg	56				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5300	ug/Kg	161				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	25000	ug/Kg	92				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082124**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162850BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	2600	ug/Kg	79				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

S-857-J-SO-4-4.5-07

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082124

SAS No.: BF082124 SDG NO.: BF082124

Lab File ID: BF139101.D

Lab Sample ID: P3357-05

Instrument ID: BNA_F

Date Extracted: 07/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 14:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-857-J-SO-4-4.5-072024	P3357-05	BF139101.D	08/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162850BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082124

SAS No.: BF082124 SDG NO.: BF082124

Lab File ID: BF139090.D

Lab Sample ID: PB162850BL

Instrument ID: BNA_F

Date Extracted: 08/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 09:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162850BS	PB162850BS	BF139091.D	08/21/2024
916-J-SD-0.5-1-081624	P3663-08	BF139092.D	08/21/2024
914-J-SD-0-1-081624	P3663-04	BF139093.D	08/21/2024
914-J-SD-0-1-081624MS	P3663-05MS	BF139094.D	08/21/2024
914-J-SD-0-1-081624MSD	P3663-06MSD	BF139095.D	08/21/2024
916-J-SD-0-0.5-081624	P3663-07	BF139096.D	08/21/2024
S-906-J-0.5-1-081624	P3660-08	BF139097.D	08/21/2024
S-906-J-0-0.5-081624	P3660-05	BF139098.D	08/21/2024
S-906-J-0-0.5-081624MS	P3660-06MS	BF139099.D	08/21/2024
S-906-J-0-0.5-081624MSD	P3660-07MSD	BF139100.D	08/21/2024
910-J-SD-0-0.5-081624	P3663-01	BF139102.D	08/21/2024
910-J-SD-0.5-1-081624	P3663-02	BF139103.D	08/21/2024
S-901-J-0-0.5-081624	P3660-01	BF139104.D	08/21/2024
S-901-J-0.5-1-081624	P3660-02	BF139105.D	08/21/2024
S-902-J-0-0.5-081624	P3660-03	BF139106.D	08/21/2024
S-902-0.5-1-081624	P3660-04	BF139107.D	08/21/2024
915-J-SD-0-0.5-081624	P3663-09	BF139108.D	08/21/2024
915-J-SD-0.5-1-081624	P3663-10	BF139109.D	08/21/2024
919-J-SD-0-0.5-081624	P3663-11	BF139110.D	08/21/2024
919-J-SD-0-1-081624	P3663-12	BF139111.D	08/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3663-05MS		Client Sample ID: 914-J-SD-0-1-081624MS		DataFile: BF139094.D							
n-Nitrosodimethylamine	3200		2900	ug/Kg	91				66	124	
Pyridine	3200		2800	ug/Kg	88				45	119	
Benzaldehyde	3200		2400	ug/Kg	75				10	86	
Aniline	3200		3500	ug/Kg	109	*			10	88	
Phenol	3200		3200	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	3200		2800	ug/Kg	88				54	125	
2-Chlorophenol	3200		3200	ug/Kg	100				79	107	
1,2-Dichlorobenzene	3200		3100	ug/Kg	97				61	105	
1,3-Dichlorobenzene	3200		2900	ug/Kg	91				62	101	
1,4-Dichlorobenzene	3200		3000	ug/Kg	94				63	104	
Benzyl Alcohol	3200		3300	ug/Kg	103				47	126	
2-Methylphenol	3200		3100	ug/Kg	97				66	122	
2,2-oxybis(1-Chloropropane)	3200		3200	ug/Kg	100				65	110	
Acetophenone	3200		3100	ug/Kg	97				75	111	
3+4-Methylphenols	3200		3100	ug/Kg	97				66	104	
N-Nitroso-di-n-propylamine	3200		3100	ug/Kg	97				59	119	
Hexachloroethane	3200		3000	ug/Kg	94				65	117	
Nitrobenzene	3200		3400	ug/Kg	106				70	119	
Isophorone	3200		3200	ug/Kg	100				76	122	
2-Nitrophenol	3200		3500	ug/Kg	109				54	145	
2,4-Dimethylphenol	3200		3800	ug/Kg	119				44	135	
bis(2-Chloroethoxy)methane	3200		3100	ug/Kg	97				68	112	
2,4-Dichlorophenol	3200		3200	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	3200		2900	ug/Kg	91				57	103	
Benzoic acid	3200		3100	ug/Kg	97				50	104	
Naphthalene	3200		3000	ug/Kg	94				72	110	
4-Chloroaniline	3200		2400	ug/Kg	75				10	91	
Hexachlorobutadiene	3200		3000	ug/Kg	94				66	114	
Caprolactam	3200		3100	ug/Kg	97				51	134	
4-Chloro-3-methylphenol	3200		3200	ug/Kg	100				57	132	
2-Methylnaphthalene	3200		3100	ug/Kg	97				59	123	
Hexachlorocyclopentadiene	6300		11300	ug/Kg	179	*			10	175	
2,4,6-Trichlorophenol	3200		3400	ug/Kg	106				72	117	
2,4,5-Trichlorophenol	3200		3100	ug/Kg	97				72	117	
1,1-Biphenyl	3200		3200	ug/Kg	100				75	113	
2-Chloronaphthalene	3200		3100	ug/Kg	97				67	118	
2-Nitroaniline	3200		3500	ug/Kg	109				69	127	
Dimethylphthalate	3200		3400	ug/Kg	106				70	113	
Acenaphthylene	3200		3400	ug/Kg	106				79	118	
2,6-Dinitrotoluene	3200		3400	ug/Kg	106				70	125	
3-Nitroaniline	3200		2700	ug/Kg	84				30	99	
Acenaphthene	3200		3600	ug/Kg	113				70	121	
Total PAH	51200		50900	ug/Kg	99				70	121	
2,4-Dinitrophenol	6300		6200	ug/Kg	98				10	155	
4-Nitrophenol	6300		7000	ug/Kg	111				45	133	
Dibenzofuran	3200		3200	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	3200		3500	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	6400		6900	ug/Kg	108				55	128	
Diethylphthalate	3200		3300	ug/Kg	103				70	112	
4-Chlorophenyl-phenylether	3200		3200	ug/Kg	100				71	108	
Fluorene	3200		3100	ug/Kg	97				68	116	
4-Nitroaniline	3200		3200	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	3200		3800	ug/Kg	119				10	160	
N-Nitrosodiphenylamine	3200		3400	ug/Kg	106				73	118	
Azobenzene	3200		3200	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	3200		3400	ug/Kg	106				65	121	
Hexachlorobenzene	3200		3300	ug/Kg	103				67	118	
Atrazine	3200		3600	ug/Kg	113				79	127	
Pentachlorophenol	6300		6200	ug/Kg	98				47	128	
Phenanthrene	3200		3200	ug/Kg	100				52	128	
Anthracene	3200		3300	ug/Kg	103				62	124	
Carbazole	3200		2800	ug/Kg	88				59	119	
Di-n-butylphthalate	3200		3000	ug/Kg	94				69	118	
Fluoranthene	3200		2500	ug/Kg	78				44	125	
Benzydine	6300		7000	ug/Kg	111				10	119	
Pyrene	3200		3400	ug/Kg	106				26	142	
Butylbenzylphthalate	3200		3400	ug/Kg	106				64	126	
3,3-Dichlorobenzidine	3200		3200	ug/Kg	100				33	116	
Benzo(a)anthracene	3200		3200	ug/Kg	100				71	114	
Chrysene	3200		3300	ug/Kg	103				57	121	
bis(2-Ethylhexyl)phthalate	3200		3200	ug/Kg	100				42	169	
Di-n-octyl phthalate	3200		4000	ug/Kg	125				23	175	
Benzo(b)fluoranthene	3200		2800	ug/Kg	88				67	121	
Benzo(k)fluoranthene	3200		3000	ug/Kg	94				57	134	
Benzo(a)pyrene	3200		3300	ug/Kg	103				70	142	
Indeno(1,2,3-cd)pyrene	3200		3500	ug/Kg	109				40	129	
Dibenz(a,h)anthracene	3200		3600	ug/Kg	113				43	123	
Benzo(g,h,i)perylene	3200		2700	ug/Kg	84				24	125	
1,2,4,5-Tetrachlorobenzene	3200		3300	ug/Kg	103				69	124	
1,4-Dioxane	3200		2700	ug/Kg	84				46	112	
2,3,4,6-Tetrachlorophenol	3200		3500	ug/Kg	109				69	112	
1-Methylnaphthalene	3200		3000	ug/Kg	94				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3663-06MSD		Client Sample ID: 914-J-SD-0-1-081624MSD		DataFile: BF139095.D							
n-Nitrosodimethylamine	3200		2900	ug/Kg	91		0		66	124	20
Pyridine	3200		2800	ug/Kg	88		0		45	119	20
Benzaldehyde	3200		2300	ug/Kg	72		4		10	86	20
Aniline	3200		3500	ug/Kg	109	*	0		10	88	20
Phenol	3200		3100	ug/Kg	97		3		67	126	20
bis(2-Chloroethyl)ether	3200		2800	ug/Kg	88		0		54	125	20
2-Chlorophenol	3200		3100	ug/Kg	97		3		79	107	20
1,2-Dichlorobenzene	3200		3000	ug/Kg	94		3		61	105	20
1,3-Dichlorobenzene	3200		2800	ug/Kg	88		3		62	101	20
1,4-Dichlorobenzene	3200		2900	ug/Kg	91		3		63	104	20
Benzyl Alcohol	3200		3200	ug/Kg	100		3		47	126	20
2-Methylphenol	3200		3100	ug/Kg	97		0		66	122	20
2,2-oxybis(1-Chloropropane)	3200		3100	ug/Kg	97		3		65	110	20
Acetophenone	3200		3000	ug/Kg	94		3		75	111	20
3+4-Methylphenols	3200		3100	ug/Kg	97		0		66	104	20
N-Nitroso-di-n-propylamine	3200		3000	ug/Kg	94		3		59	119	20
Hexachloroethane	3200		3000	ug/Kg	94		0		65	117	20
Nitrobenzene	3200		3300	ug/Kg	103		3		70	119	20
Isophorone	3200		3200	ug/Kg	100		0		76	122	20
2-Nitrophenol	3200		3500	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	3200		3700	ug/Kg	116		3		44	135	20
bis(2-Chloroethoxy)methane	3200		3000	ug/Kg	94		3		68	112	20
2,4-Dichlorophenol	3200		3100	ug/Kg	97		3		72	118	20
1,2,4-Trichlorobenzene	3200		2800	ug/Kg	88		3		57	103	20
Benzoic acid	3200		3000	ug/Kg	94		3		50	104	20
Naphthalene	3200		3000	ug/Kg	94		0		72	110	20
4-Chloroaniline	3200		2400	ug/Kg	75		0		10	91	20
Hexachlorobutadiene	3200		2900	ug/Kg	91		3		66	114	20
Caprolactam	3200		3000	ug/Kg	94		3		51	134	20
4-Chloro-3-methylphenol	3200		3100	ug/Kg	97		3		57	132	20
2-Methylnaphthalene	3200		3000	ug/Kg	94		3		59	123	20
Hexachlorocyclopentadiene	6300		10800	ug/Kg	171		5		10	175	20
2,4,6-Trichlorophenol	3200		3300	ug/Kg	103		3		72	117	20
2,4,5-Trichlorophenol	3200		3000	ug/Kg	94		3		72	117	20
1,1-Biphenyl	3200		3100	ug/Kg	97		3		75	113	20
2-Chloronaphthalene	3200		3000	ug/Kg	94		3		67	118	20
2-Nitroaniline	3200		3400	ug/Kg	106		3		69	127	20
Dimethylphthalate	3200		3200	ug/Kg	100		6		70	113	20
Acenaphthylene	3200		3300	ug/Kg	103		3		79	118	20
2,6-Dinitrotoluene	3200		3300	ug/Kg	103		3		70	125	20
3-Nitroaniline	3200		2600	ug/Kg	81		4		30	99	20
Acenaphthene	3200		3400	ug/Kg	106		6		70	121	20
Total PAH	51200		49200	ug/Kg	96		3		70	121	20
2,4-Dinitrophenol	6300		6100	ug/Kg	97		1		10	155	20
4-Nitrophenol	6300		6600	ug/Kg	105		6		45	133	20
Dibenzofuran	3200		3100	ug/Kg	97		3		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	3200		3400	ug/Kg	106		3		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	6400		6700	ug/Kg	105		3		55	128	20
Diethylphthalate	3200		3200	ug/Kg	100		3		70	112	20
4-Chlorophenyl-phenylether	3200		3000	ug/Kg	94		6		71	108	20
Fluorene	3200		3000	ug/Kg	94		3		68	116	20
4-Nitroaniline	3200		3000	ug/Kg	94		6		55	120	20
4,6-Dinitro-2-methylphenol	3200		3800	ug/Kg	119		0		10	160	20
N-Nitrosodiphenylamine	3200		3300	ug/Kg	103		3		73	118	20
Azobenzene	3200		3100	ug/Kg	97		3		73	110	20
4-Bromophenyl-phenylether	3200		3300	ug/Kg	103		3		65	121	20
Hexachlorobenzene	3200		3100	ug/Kg	97		6		67	118	20
Atrazine	3200		3400	ug/Kg	106		6		79	127	20
Pentachlorophenol	6300		5900	ug/Kg	94		4		47	128	20
Phenanthrene	3200		3000	ug/Kg	94		6		52	128	20
Anthracene	3200		3200	ug/Kg	100		3		62	124	20
Carbazole	3200		2700	ug/Kg	84		5		59	119	20
Di-n-butylphthalate	3200		2900	ug/Kg	91		3		69	118	20
Fluoranthene	3200		2400	ug/Kg	75		4		44	125	20
Benzydine	6300		6700	ug/Kg	106		5		10	119	20
Pyrene	3200		3200	ug/Kg	100		6		26	142	20
Butylbenzylphthalate	3200		3200	ug/Kg	100		6		64	126	20
3,3-Dichlorobenzidine	3200		3300	ug/Kg	103		3		33	116	20
Benzo(a)anthracene	3200		3100	ug/Kg	97		3		71	114	20
Chrysene	3200		3300	ug/Kg	103		0		57	121	20
bis(2-Ethylhexyl)phthalate	3200		3000	ug/Kg	94		6		42	169	20
Di-n-octyl phthalate	3200		3900	ug/Kg	122		2		23	175	20
Benzo(b)fluoranthene	3200		2800	ug/Kg	88		0		67	121	20
Benzo(k)fluoranthene	3200		2900	ug/Kg	91		3		57	134	20
Benzo(a)pyrene	3200		3200	ug/Kg	100		3		70	142	20
Indeno(1,2,3-cd)pyrene	3200		3400	ug/Kg	106		3		40	129	20
Dibenz(a,h)anthracene	3200		3400	ug/Kg	106		6		43	123	20
Benzo(g,h,i)perylene	3200		2600	ug/Kg	81		4		24	125	20
1,2,4,5-Tetrachlorobenzene	3200		3200	ug/Kg	100		3		69	124	20
1,4-Dioxane	3200		2600	ug/Kg	81		4		46	112	20
2,3,4,6-Tetrachlorophenol	3200		3200	ug/Kg	100		9		69	112	20
1-Methylnaphthalene	3200		2900	ug/Kg	91		3		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3660-06MS		Client Sample ID: S-906-J-0-0.5-081624MS		DataFile: BF139099.D							
n-Nitrosodimethylamine	2600		2500	ug/Kg	96				66	124	
Pyridine	2600		2400	ug/Kg	92				45	119	
Benzaldehyde	2600		2000	ug/Kg	77				10	86	
Aniline	2600		2600	ug/Kg	100	*			10	88	
Phenol	2600		2700	ug/Kg	104				67	126	
bis(2-Chloroethyl)ether	2600		2400	ug/Kg	92				54	125	
2-Chlorophenol	2600		2600	ug/Kg	100				79	107	
1,2-Dichlorobenzene	2600		2600	ug/Kg	100				61	105	
1,3-Dichlorobenzene	2600		2500	ug/Kg	96				62	101	
1,4-Dichlorobenzene	2600		2500	ug/Kg	96				63	104	
Benzyl Alcohol	2600		2700	ug/Kg	104				47	126	
2-Methylphenol	2600		2600	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	2600		2600	ug/Kg	100				65	110	
Acetophenone	2600		2600	ug/Kg	100				75	111	
3+4-Methylphenols	2600		2700	ug/Kg	104				66	104	
N-Nitroso-di-n-propylamine	2600		2500	ug/Kg	96				59	119	
Hexachloroethane	2600		2500	ug/Kg	96				65	117	
Nitrobenzene	2600		2800	ug/Kg	108				70	119	
Isophorone	2600		2700	ug/Kg	104				76	122	
2-Nitrophenol	2600		3000	ug/Kg	115				54	145	
2,4-Dimethylphenol	2600		3100	ug/Kg	119				44	135	
bis(2-Chloroethoxy)methane	2600		2600	ug/Kg	100				68	112	
2,4-Dichlorophenol	2600		2600	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	2600		2400	ug/Kg	92				57	103	
Benzoic acid	2600		2500	ug/Kg	96				50	104	
Naphthalene	2600		2500	ug/Kg	96				72	110	
4-Chloroaniline	2600		1500	ug/Kg	58				10	91	
Hexachlorobutadiene	2600		2500	ug/Kg	96				66	114	
Caprolactam	2600		2600	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	2600		2600	ug/Kg	100				57	132	
2-Methylnaphthalene	2600		2600	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	5200		8500	ug/Kg	163				10	175	
2,4,6-Trichlorophenol	2600		2800	ug/Kg	108				72	117	
2,4,5-Trichlorophenol	2600		2600	ug/Kg	100				72	117	
1,1-Biphenyl	2600		2700	ug/Kg	104				75	113	
2-Chloronaphthalene	2600		2500	ug/Kg	96				67	118	
2-Nitroaniline	2600		2900	ug/Kg	112				69	127	
Dimethylphthalate	2600		2700	ug/Kg	104				70	113	
Acenaphthylene	2600		2800	ug/Kg	108				79	118	
2,6-Dinitrotoluene	2600		2800	ug/Kg	108				70	125	
3-Nitroaniline	2600		2100	ug/Kg	81				30	99	
Acenaphthene	2600		2900	ug/Kg	112				70	121	
Total PAH	41600	0	41700	ug/Kg	100				70	121	
2,4-Dinitrophenol	5200		5100	ug/Kg	98				10	155	
4-Nitrophenol	5200		5400	ug/Kg	104				45	133	
Dibenzofuran	2600		2700	ug/Kg	104				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	5200		5700	ug/Kg	110				55	128	
2,4-Dinitrotoluene	2600		2900	ug/Kg	112				55	128	
Diethylphthalate	2600		2700	ug/Kg	104				70	112	
4-Chlorophenyl-phenylether	2600		2600	ug/Kg	100				71	108	
Fluorene	2600		2600	ug/Kg	100				68	116	
4-Nitroaniline	2600		2400	ug/Kg	92				55	120	
4,6-Dinitro-2-methylphenol	2600		3200	ug/Kg	123				10	160	
N-Nitrosodiphenylamine	2600		2900	ug/Kg	112				73	118	
Azobenzene	2600		2600	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2600		2800	ug/Kg	108				65	121	
Hexachlorobenzene	2600		2800	ug/Kg	108				67	118	
Atrazine	2600		3000	ug/Kg	115				79	127	
Pentachlorophenol	5200		5000	ug/Kg	96				47	128	
Phenanthrene	2600	130	2700	ug/Kg	99				52	128	
Anthracene	2600		2700	ug/Kg	104				62	124	
Carbazole	2600		2300	ug/Kg	88				59	119	
Di-n-butylphthalate	2600		2500	ug/Kg	96				69	118	
Fluoranthene	2600	250	2200	ug/Kg	75				44	125	
Benzydine	5200		3200	ug/Kg	62				10	119	
Pyrene	2600	240	2700	ug/Kg	95				26	142	
Butylbenzylphthalate	2600		2600	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	2600		2700	ug/Kg	104				33	116	
Benzo(a)anthracene	2600	140	2700	ug/Kg	98				71	114	
Chrysene	2600	170	2900	ug/Kg	105				57	121	
bis(2-Ethylhexyl)phthalate	2600	170	2700	ug/Kg	97				42	169	
Di-n-octyl phthalate	2600		3300	ug/Kg	127				23	175	
Benzo(b)fluoranthene	2600	190	2500	ug/Kg	89				67	121	
Benzo(k)fluoranthene	2600		2700	ug/Kg	104				57	134	
Benzo(a)pyrene	2600	160	2900	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	2600		2500	ug/Kg	96				40	129	
Dibenz(a,h)anthracene	2600		2500	ug/Kg	96				43	123	
Benzo(g,h,i)perylene	2600	230	1900	ug/Kg	64				24	125	
1,2,4,5-Tetrachlorobenzene	2600		2700	ug/Kg	104				69	124	
1,4-Dioxane	2600		2300	ug/Kg	88				46	112	
2,3,4,6-Tetrachlorophenol	2600		2800	ug/Kg	108				69	112	
1-Methylnaphthalene	2600		2500	ug/Kg	96				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3660-07MSD		Client Sample ID: S-906-J-0-0.5-081624MSD		DataFile: BF139100.D							
n-Nitrosodimethylamine	2600		2500	ug/Kg	96		0		66	124	20
Pyridine	2600		2400	ug/Kg	92		0		45	119	20
Benzaldehyde	2600		1900	ug/Kg	73		5		10	86	20
Aniline	2600		2600	ug/Kg	100	*	0		10	88	20
Phenol	2600		2700	ug/Kg	104		0		67	126	20
bis(2-Chloroethyl)ether	2600		2400	ug/Kg	92		0		54	125	20
2-Chlorophenol	2600		2700	ug/Kg	104		4		79	107	20
1,2-Dichlorobenzene	2600		2600	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	2600		2400	ug/Kg	92		4		62	101	20
1,4-Dichlorobenzene	2600		2500	ug/Kg	96		0		63	104	20
Benzyl Alcohol	2600		2700	ug/Kg	104		0		47	126	20
2-Methylphenol	2600		2600	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	2600		2600	ug/Kg	100		0		65	110	20
Acetophenone	2600		2600	ug/Kg	100		0		75	111	20
3+4-Methylphenols	2600		2700	ug/Kg	104		0		66	104	20
N-Nitroso-di-n-propylamine	2600		2600	ug/Kg	100		4		59	119	20
Hexachloroethane	2600		2500	ug/Kg	96		0		65	117	20
Nitrobenzene	2600		2800	ug/Kg	108		0		70	119	20
Isophorone	2600		2700	ug/Kg	104		0		76	122	20
2-Nitrophenol	2600		3100	ug/Kg	119		3		54	145	20
2,4-Dimethylphenol	2600		3200	ug/Kg	123		3		44	135	20
bis(2-Chloroethoxy)methane	2600		2600	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	2600		2700	ug/Kg	104		4		72	118	20
1,2,4-Trichlorobenzene	2600		2400	ug/Kg	92		0		57	103	20
Benzoic acid	2600		2700	ug/Kg	104		8		50	104	20
Naphthalene	2600		2500	ug/Kg	96		0		72	110	20
4-Chloroaniline	2600		1400	ug/Kg	54		7		10	91	20
Hexachlorobutadiene	2600		2500	ug/Kg	96		0		66	114	20
Caprolactam	2600		2600	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	2600		2600	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	2600		2600	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	5200		8400	ug/Kg	162		1		10	175	20
2,4,6-Trichlorophenol	2600		2800	ug/Kg	108		0		72	117	20
2,4,5-Trichlorophenol	2600		2600	ug/Kg	100		0		72	117	20
1,1-Biphenyl	2600		2700	ug/Kg	104		0		75	113	20
2-Chloronaphthalene	2600		2500	ug/Kg	96		0		67	118	20
2-Nitroaniline	2600		2900	ug/Kg	112		0		69	127	20
Dimethylphthalate	2600		2700	ug/Kg	104		0		70	113	20
Acenaphthylene	2600		2800	ug/Kg	108		0		79	118	20
2,6-Dinitrotoluene	2600		2800	ug/Kg	108		0		70	125	20
3-Nitroaniline	2600		2100	ug/Kg	81		0		30	99	20
Acenaphthene	2600		2900	ug/Kg	112		0		70	121	20
Total PAH	41600	0	41500	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	5200		5100	ug/Kg	98		0		10	155	20
4-Nitrophenol	5200		5400	ug/Kg	104		0		45	133	20
Dibenzofuran	2600		2700	ug/Kg	104		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	5200		5700	ug/Kg	110		0		55	128	20
2,4-Dinitrotoluene	2600		2900	ug/Kg	112		0		55	128	20
Diethylphthalate	2600		2700	ug/Kg	104		0		70	112	20
4-Chlorophenyl-phenylether	2600		2600	ug/Kg	100		0		71	108	20
Fluorene	2600		2500	ug/Kg	96		4		68	116	20
4-Nitroaniline	2600		2400	ug/Kg	92		0		55	120	20
4,6-Dinitro-2-methylphenol	2600		3300	ug/Kg	127		3		10	160	20
N-Nitrosodiphenylamine	2600		2900	ug/Kg	112		0		73	118	20
Azobenzene	2600		2600	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	2600		2900	ug/Kg	112		4		65	121	20
Hexachlorobenzene	2600		2700	ug/Kg	104		4		67	118	20
Atrazine	2600		3000	ug/Kg	115		0		79	127	20
Pentachlorophenol	5200		5000	ug/Kg	96		0		47	128	20
Phenanthrene	2600	130	2700	ug/Kg	99		0		52	128	20
Anthracene	2600		2700	ug/Kg	104		0		62	124	20
Carbazole	2600		2200	ug/Kg	85		3		59	119	20
Di-n-butylphthalate	2600		2500	ug/Kg	96		0		69	118	20
Fluoranthene	2600	250	2200	ug/Kg	75		0		44	125	20
Benzidine	5200		3100	ug/Kg	60		3		10	119	20
Pyrene	2600	240	2600	ug/Kg	91		4		26	142	20
Butylbenzylphthalate	2600		2600	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	2600		2600	ug/Kg	100		4		33	116	20
Benzo(a)anthracene	2600	140	2700	ug/Kg	98		0		71	114	20
Chrysene	2600	170	2900	ug/Kg	105		0		57	121	20
bis(2-Ethylhexyl)phthalate	2600	170	2600	ug/Kg	93		4		42	169	20
Di-n-octyl phthalate	2600		3200	ug/Kg	123		3		23	175	20
Benzo(b)fluoranthene	2600	190	2500	ug/Kg	89		0		67	121	20
Benzo(k)fluoranthene	2600		2700	ug/Kg	104		0		57	134	20
Benzo(a)pyrene	2600	160	2900	ug/Kg	105		0		70	142	20
Indeno(1,2,3-cd)pyrene	2600		2500	ug/Kg	96		0		40	129	20
Dibenz(a,h)anthracene	2600		2500	ug/Kg	96		0		43	123	20
Benzo(g,h,i)perylene	2600	230	1900	ug/Kg	64		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2600		2700	ug/Kg	104		0		69	124	20
1,4-Dioxane	2600		2300	ug/Kg	88		0		46	112	20
2,3,4,6-Tetrachlorophenol	2600		2800	ug/Kg	108		0		69	112	20
1-Methylnaphthalene	2600		2500	ug/Kg	96		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF082124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3357-05	S-857-J-SO-4-4.5-0	BF139101.D	2-Fluorophenol	150	78.56	52		18	112
			Phenol-d6	150	81.20	54		15	107
			Nitrobenzene-d5	100	67.55	68		18	107
			2-Fluorobiphenyl	100	58.08	58		20	109
			2,4,6-Tribromophenol	150	82.99	55		10	116
			Terphenyl-d14	100	53.26	53		10	105

Surrogate Summary

SW-846

SDG No.: **BF082124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3660-01	S-901-J-0-0.5-0816:BF139104.D		2-Fluorophenol	150	75.01	50		18	112
			Phenol-d6	150	76.42	51		15	107
			Nitrobenzene-d5	100	64.79	65		18	107
			2-Fluorobiphenyl	100	46.49	46		20	109
			2,4,6-Tribromophenol	150	61.04	41		10	116
			Terphenyl-d14	100	29.78	30		10	105
P3660-02	S-901-J-0.5-1-0816:BF139105.D		2-Fluorophenol	150	61.29	41		18	112
			Phenol-d6	150	63.83	43		15	107
			Nitrobenzene-d5	100	54.37	54		18	107
			2-Fluorobiphenyl	100	47.37	47		20	109
			2,4,6-Tribromophenol	150	57.19	38		10	116
			Terphenyl-d14	100	35.63	36		10	105
P3660-03	S-902-J-0-0.5-0816:BF139106.D		2-Fluorophenol	150	64.55	43		18	112
			Phenol-d6	150	64.76	43		15	107
			Nitrobenzene-d5	100	56.53	57		18	107
			2-Fluorobiphenyl	100	46.65	47		20	109
			2,4,6-Tribromophenol	150	56.32	38		10	116
			Terphenyl-d14	100	31.41	31		10	105
P3660-04	S-902-0.5-1-081624BF139107.D		2-Fluorophenol	150	55.61	37		18	112
			Phenol-d6	150	56.22	37		15	107
			Nitrobenzene-d5	100	48.96	49		18	107
			2-Fluorobiphenyl	100	39.86	40		20	109
			2,4,6-Tribromophenol	150	50.92	34		10	116
			Terphenyl-d14	100	28.09	28		10	105
P3660-05	S-906-J-0-0.5-0816:BF139098.D		2-Fluorophenol	150	75.35	50		18	112
			Phenol-d6	150	77.53	52		15	107
			Nitrobenzene-d5	100	64.25	64		18	107
			2-Fluorobiphenyl	100	42.61	43		20	109
			2,4,6-Tribromophenol	150	73.69	49		10	116
			Terphenyl-d14	100	35.21	35		10	105
P3660-06MS	S-906-J-0-0.5-0816:BF139099.D		2-Fluorophenol	150	72.89	49		18	112
			Phenol-d6	150	75.45	50		15	107
			Nitrobenzene-d5	100	61.52	62		18	107
			2-Fluorobiphenyl	100	40.54	41		20	109
			2,4,6-Tribromophenol	150	75.97	51		10	116
			Terphenyl-d14	100	34.65	35		10	105
P3660-07MSD	S-906-J-0-0.5-0816:BF139100.D		2-Fluorophenol	150	73.30	49		18	112
			Phenol-d6	150	75.42	50		15	107
			Nitrobenzene-d5	100	62.68	63		18	107
			2-Fluorobiphenyl	100	40.43	40		20	109
			2,4,6-Tribromophenol	150	74.18	49		10	116
			Terphenyl-d14	100	33.57	34		10	105
P3660-08	S-906-J-0.5-1-0816:BF139097.D		2-Fluorophenol	150	77.27	52		18	112
			Phenol-d6	150	80.20	53		15	107
			Nitrobenzene-d5	100	64.94	65		18	107
			2-Fluorobiphenyl	100	51.56	52		20	109
			2,4,6-Tribromophenol	150	82.61	55		10	116
			Terphenyl-d14	100	50.83	51		10	105
P3663-01	910-J-SD-0-0.5-0816:BF139102.D		2-Fluorophenol	150	72.01	48		18	112

Surrogate Summary

SW-846

SDG No.: **BF082124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3663-01	910-J-SD-0-0.5-081BF139102.D		Phenol-d6	150	74.51	50		15	107
			Nitrobenzene-d5	100	58.01	58		18	107
			2-Fluorobiphenyl	100	46.49	46		20	109
			2,4,6-Tribromophenol	150	68.91	46		10	116
			Terphenyl-d14	100	42.88	43		10	105
P3663-02	910-J-SD-0.5-1-081BF139103.D		2-Fluorophenol	150	76.14	51		18	112
			Phenol-d6	150	78.67	52		15	107
			Nitrobenzene-d5	100	62.98	63		18	107
			2-Fluorobiphenyl	100	46.20	46		20	109
			2,4,6-Tribromophenol	150	76.03	51		10	116
P3663-04	914-J-SD-0-1-0816:BF139093.D		Terphenyl-d14	100	35.31	35		10	105
			2-Fluorophenol	150	109.52	73		18	112
			Phenol-d6	150	114.37	76		15	107
			Nitrobenzene-d5	100	91.88	92		18	107
			2-Fluorobiphenyl	100	66.82	67		20	109
P3663-05MS	914-J-SD-0-1-0816:BF139094.D		2,4,6-Tribromophenol	150	116.63	78		10	116
			Terphenyl-d14	100	73.13	73		10	105
			2-Fluorophenol	150	86.09	57		18	112
			Phenol-d6	150	88.36	59		15	107
			Nitrobenzene-d5	100	70.07	70		18	107
P3663-06MSD	914-J-SD-0-1-0816:BF139095.D		2-Fluorobiphenyl	100	49.06	49		20	109
			2,4,6-Tribromophenol	150	88.59	59		10	116
			Terphenyl-d14	100	47.08	47		10	105
			2-Fluorophenol	150	83.70	56		18	112
			Phenol-d6	150	85.80	57		15	107
P3663-07	916-J-SD-0-0.5-081BF139096.D		Nitrobenzene-d5	100	69.12	69		18	107
			2-Fluorobiphenyl	100	47.36	47		20	109
			2,4,6-Tribromophenol	150	82.69	55		10	116
			Terphenyl-d14	100	44.57	45		10	105
			2-Fluorophenol	150	69.95	47		18	112
P3663-08	916-J-SD-0.5-1-081BF139092.D		Phenol-d6	150	72.62	48		15	107
			Nitrobenzene-d5	100	57.39	57		18	107
			2-Fluorobiphenyl	100	44.20	44		20	109
			2,4,6-Tribromophenol	150	70.35	47		10	116
			Terphenyl-d14	100	47.99	48		10	105
P3663-09	915-J-SD-0-0.5-081BF139108.D		2-Fluorophenol	150	74.35	50		18	112
			Phenol-d6	150	75.92	51		15	107
			Nitrobenzene-d5	100	59.97	60		18	107
			2-Fluorobiphenyl	100	38.88	39		20	109
			2,4,6-Tribromophenol	150	68.84	46		10	116
P3663-10	915-J-SD-0.5-1-081BF139109.D		Terphenyl-d14	100	36.78	37		10	105
			2-Fluorophenol	150	89.48	60		18	112
			Phenol-d6	150	88.56	59		15	107
			Nitrobenzene-d5	100	75.54	76		18	107
			2-Fluorobiphenyl	100	58.04	58		20	109
			2,4,6-Tribromophenol	150	73.46	49		10	116
			Terphenyl-d14	100	33.66	34		10	105
			2-Fluorophenol	150	112.01	75		18	112
			Phenol-d6	150	110.69	74		15	107

Surrogate Summary

SW-846

SDG No.: **BF082124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3663-10	915-J-SD-0.5-1-081BF139109.D		Nitrobenzene-d5	100	95.34	95		18	107
			2-Fluorobiphenyl	100	80.26	80		20	109
			2,4,6-Tribromophenol	150	99.50	66		10	116
			Terphenyl-d14	100	57.91	58		10	105
P3663-11	919-J-SD-0-0.5-081BF139110.D		2-Fluorophenol	150	112.73	75		18	112
			Phenol-d6	150	111.70	74		15	107
			Nitrobenzene-d5	100	98.32	98		18	107
			2-Fluorobiphenyl	100	81.08	81		20	109
P3663-12	919-J-SD-0-1-0816:BF139111.D		2,4,6-Tribromophenol	150	107.66	72		10	116
			Terphenyl-d14	100	56.70	57		10	105
			2-Fluorophenol	150	104.51	70		18	112
			Phenol-d6	150	102.66	68		15	107
PB162850BL	PB162850BL	BF139090.D	Nitrobenzene-d5	100	91.58	92		18	107
			2-Fluorobiphenyl	100	76.22	76		20	109
			2,4,6-Tribromophenol	150	99.23	66		10	116
			Terphenyl-d14	100	54.89	55		10	105
PB162850BS	PB162850BS	BF139091.D	2-Fluorophenol	150	113.92	76		18	112
			Phenol-d6	150	115.51	77		15	107
			Nitrobenzene-d5	100	95.69	96		18	107
			2-Fluorobiphenyl	100	79.26	79		20	109
			2,4,6-Tribromophenol	150	128.54	86		10	116
			Terphenyl-d14	100	74.80	75		10	105
			2-Fluorophenol	150	119.20	79		18	112
			Phenol-d6	150	119.28	80		15	107
			Nitrobenzene-d5	100	99.77	100		18	107
			2-Fluorobiphenyl	100	83.74	84		20	109
			2,4,6-Tribromophenol	150	141.90	95		10	116
			Terphenyl-d14	100	92.64	93		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082124

Lab Code: CHEM

SAS No.: BF082124 SDG NO.: BF082124

Lab File ID: BF139088.D

DFTPP Injection Date: 08/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	16.4 (19.2) 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	BF139089.D	08/21/2024	08:50
PB162850BL	PB162850BL	BF139090.D	08/21/2024	09:20
PB162850BS	PB162850BS	BF139091.D	08/21/2024	09:49
916-J-SD-0.5-1-081624	P3663-08	BF139092.D	08/21/2024	10:22
914-J-SD-0-1-081624	P3663-04	BF139093.D	08/21/2024	10:51
914-J-SD-0-1-081624MS	P3663-05MS	BF139094.D	08/21/2024	11:22
914-J-SD-0-1-081624MSD	P3663-06MSD	BF139095.D	08/21/2024	11:52
916-J-SD-0-0.5-081624	P3663-07	BF139096.D	08/21/2024	12:21
S-906-J-0.5-1-081624	P3660-08	BF139097.D	08/21/2024	12:51
S-906-J-0-0.5-081624	P3660-05	BF139098.D	08/21/2024	13:21
S-906-J-0-0.5-081624MS	P3660-06MS	BF139099.D	08/21/2024	13:51
S-906-J-0-0.5-081624MSD	P3660-07MSD	BF139100.D	08/21/2024	14:21
S-857-J-SO-4-4.5-072024	P3357-05	BF139101.D	08/21/2024	14:51
910-J-SD-0-0.5-081624	P3663-01	BF139102.D	08/21/2024	15:20
910-J-SD-0.5-1-081624	P3663-02	BF139103.D	08/21/2024	15:51
S-901-J-0-0.5-081624	P3660-01	BF139104.D	08/21/2024	16:20
S-901-J-0.5-1-081624	P3660-02	BF139105.D	08/21/2024	16:50
S-902-J-0-0.5-081624	P3660-03	BF139106.D	08/21/2024	17:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082124

Lab Code: CHEM

SAS No.: BF082124

SDG NO.: BF082124

Lab File ID: BF139088.D

DFTPP Injection Date: 08/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	16.4 (19.2) 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-902-0.5-1-081624	P3660-04	BF139107.D	08/21/2024	17:50
915-J-SD-0-0.5-081624	P3663-09	BF139108.D	08/21/2024	18:20
915-J-SD-0.5-1-081624	P3663-10	BF139109.D	08/21/2024	18:50
919-J-SD-0-0.5-081624	P3663-11	BF139110.D	08/21/2024	19:19
919-J-SD-0-1-081624	P3663-12	BF139111.D	08/21/2024	19:49