

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG No.: BF081524

Instrument ID: BNA_F Calibration Date/Time: 8/15/2024 1:09:47

Lab File ID: BF139012.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	0.818	0.963		17.726	
Pyridine	1.374	1.281		-6.769	
2-Fluorophenol	1.296	1.315		1.466	
Benzaldehyde	1.043	0.888		-14.861	
Aniline	1.551	1.546		-0.322	
Phenol-d6	1.740	1.794		3.103	
Phenol	1.832	1.850		1.038	20.0
bis(2-Chloroethyl) ether	1.409	1.335		-5.252	
2-Chlorophenol	1.363	1.389		1.908	
1,2-Dichlorobenzene	1.439	1.460		1.459	
1,3-Dichlorobenzene	1.526	1.522		-0.262	
1,4-Dichlorobenzene	1.540	1.561		1.364	20.0
Benzyl Alcohol	1.254	1.398		11.483	
2-Methylphenol	1.126	1.151		2.22	
2,2-oxybis(1-Chloropropane)	2.426	2.251		-7.214	
Acetophenone	0.490	0.513		4.694	
3+4-Methylphenols	1.444	1.535		6.302	
n-Nitroso-di-n-propylamine	1.051	1.137	0.050	8.183	
Nitrobenzene-d5	0.409	0.432		5.623	
Hexachloroethane	0.580	0.591		1.897	
Nitrobenzene	0.416	0.433		4.087	
Isophorone	0.699	0.699		0.0	
2-Nitrophenol	0.179	0.181		1.117	20.0
2,4-Dimethylphenol	0.214	0.216		0.935	
bis(2-Chloroethoxy) methane	0.425	0.404		-4.941	
2,4-Dichlorophenol	0.275	0.281		2.182	20.0
1,2,4-Trichlorobenzene	0.318	0.315		-0.943	
Benzoic acid	0.168	0.144		-14.286	
Naphthalene	1.053	1.042		-1.045	
4-Chloroaniline	0.353	0.327		-7.365	
Hexachlorobutadiene	0.192	0.203		5.729	20.0
Caprolactam	0.082	0.086		4.878	
4-Chloro-3-methylphenol	0.315	0.330		4.762	20.0
2-Methylnaphthalene	0.665	0.667		0.301	
Hexachlorocyclopentadiene	0.120	0.098	0.050	-18.333	
2,4,6-Trichlorophenol	0.339	0.324		-4.425	20.0
2-Fluorobiphenyl	1.331	1.362		2.329	
2,4,5-Trichlorophenol	0.370	0.358		-3.243	
1,1-Biphenyl	1.566	1.556		-0.639	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.148		-1.459	
2-Nitroaniline	0.395	0.412		4.304	
Dimethylphthalate	1.279	1.303		1.876	
Acenaphthylene	1.652	1.632		-1.211	
2,6-Dinitrotoluene	0.289	0.302		4.498	
3-Nitroaniline	0.298	0.293		-1.678	
Acenaphthene	1.111	1.096		-1.35	20.0
2,4-Dinitrophenol	0.133	0.139	0.050	4.511	
4-Nitrophenol	0.179	0.210	0.050	17.318	
Dibenzofuran	1.568	1.574		0.383	
2,4-Dinitrotoluene	0.368	0.400		8.696	
Diethylphthalate	1.213	1.289		6.265	
4-Chlorophenyl-phenylether	0.614	0.639		4.072	
Fluorene	1.249	1.280		2.482	
4-Nitroaniline	0.284	0.288		1.408	
4,6-Dinitro-2-methylphenol	0.122	0.126		3.279	
n-Nitrosodiphenylamine	0.625	0.636		1.76	20.0
Azobenzene	1.345	1.377		2.379	
2,4,6-Tribromophenol	0.164	0.164		0.0	
4-Bromophenyl-phenylether	0.217	0.215		-0.922	
Hexachlorobenzene	0.224	0.224		0.0	
Atrazine	0.161	0.155		-3.727	
Pentachlorophenol	0.101	0.098		-2.97	20.0
Phenanthrene	1.030	1.050		1.942	
Anthracene	1.015	1.027		1.182	
Carbazole	0.875	0.865		-1.143	
Di-n-butylphthalate	0.984	1.043		5.996	
Fluoranthene	0.961	0.933		-2.914	20.0
Benzidine	0.478	0.347		-27.406	
Pyrene	1.883	1.798		-4.514	
Terphenyl-d14	1.195	1.166		-2.427	
Butylbenzylphthalate	0.603	0.609		0.995	
3,3-Dichlorobenzidine	0.352	0.352		0.0	
Benzo(a)anthracene	1.377	1.333		-3.195	
Chrysene	1.243	1.244		0.08	
Bis(2-ethylhexyl)phthalate	0.883	0.815		-7.701	
Di-n-octyl phthalate	1.634	1.413		-13.525	20.0
Benzo(b)fluoranthene	1.240	1.290		4.032	
Benzo(k)fluoranthene	1.073	1.082		0.839	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_F Calibration Date/Time: 8/15/2024 1:09:47

Lab File ID: BF139012.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	1.043	1.058		1.438	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.376		-3.978	
Dibenzo(a,h)anthracene	1.177	1.126		-4.333	
Benzo(g,h,i)perylene	1.221	1.155		-5.405	
1,2,4,5-Tetrachlorobenzene	0.556	0.546		-1.799	
1,4-Dioxane	0.567	0.524		-7.584	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.283		0.0	
1-Methylnaphthalene	0.652	0.665		1.994	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG No.: BF081524

Instrument ID: BNA_F Calibration Date/Time: 8/15/2024 1:16:31

Lab File ID: BF139025.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	0.818	0.939		14.792	
Pyridine	1.374	1.267		-7.787	
2-Fluorophenol	1.296	1.285		-0.849	
Benzaldehyde	1.043	0.941		-9.779	
Aniline	1.551	1.503		-3.095	
Phenol-d6	1.740	1.737		-0.172	
Phenol	1.832	1.791		-2.185	20.0
bis(2-Chloroethyl) ether	1.409	1.309		-7.097	
2-Chlorophenol	1.363	1.376		0.954	
1,2-Dichlorobenzene	1.439	1.446		0.486	
1,3-Dichlorobenzene	1.526	1.511		-0.983	
1,4-Dichlorobenzene	1.540	1.518		-1.429	20.0
Benzyl Alcohol	1.254	1.361		8.533	
2-Methylphenol	1.126	1.097		-2.575	
2,2-oxybis(1-Chloropropane)	2.426	2.204		-9.151	
Acetophenone	0.490	0.515		5.102	
3+4-Methylphenols	1.444	1.487		2.978	
n-Nitroso-di-n-propylamine	1.051	1.070	0.050	1.808	
Nitrobenzene-d5	0.409	0.427		4.401	
Hexachloroethane	0.580	0.586		1.034	
Nitrobenzene	0.416	0.429		3.125	
Isophorone	0.699	0.707		1.144	
2-Nitrophenol	0.179	0.179		0.0	20.0
2,4-Dimethylphenol	0.214	0.211		-1.402	
bis(2-Chloroethoxy) methane	0.425	0.409		-3.765	
2,4-Dichlorophenol	0.275	0.280		1.818	20.0
1,2,4-Trichlorobenzene	0.318	0.317		-0.314	
Benzoic acid	0.168	0.128		-23.81	
Naphthalene	1.053	1.040		-1.235	
4-Chloroaniline	0.353	0.328		-7.082	
Hexachlorobutadiene	0.192	0.201		4.688	20.0
Caprolactam	0.082	0.087		6.098	
4-Chloro-3-methylphenol	0.315	0.328		4.127	20.0
2-Methylnaphthalene	0.665	0.671		0.902	
Hexachlorocyclopentadiene	0.120	0.116	0.050	-3.333	
2,4,6-Trichlorophenol	0.339	0.325		-4.13	20.0
2-Fluorobiphenyl	1.331	1.385		4.057	
2,4,5-Trichlorophenol	0.370	0.357		-3.514	
1,1-Biphenyl	1.566	1.565		-0.064	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.171		0.515	
2-Nitroaniline	0.395	0.421		6.582	
Dimethylphthalate	1.279	1.337		4.535	
Acenaphthylene	1.652	1.649		-0.182	
2,6-Dinitrotoluene	0.289	0.317		9.689	
3-Nitroaniline	0.298	0.300		0.671	
Acenaphthene	1.111	1.108		-0.27	20.0
2,4-Dinitrophenol	0.133	0.144	0.050	8.271	
4-Nitrophenol	0.179	0.173	0.050	-3.352	
Dibenzofuran	1.568	1.603		2.232	
2,4-Dinitrotoluene	0.368	0.403		9.511	
Diethylphthalate	1.213	1.333		9.893	
4-Chlorophenyl-phenylether	0.614	0.645		5.049	
Fluorene	1.249	1.325		6.085	
4-Nitroaniline	0.284	0.288		1.408	
4,6-Dinitro-2-methylphenol	0.122	0.122		0.0	
n-Nitrosodiphenylamine	0.625	0.645		3.2	20.0
Azobenzene	1.345	1.392		3.494	
2,4,6-Tribromophenol	0.164	0.164		0.0	
4-Bromophenyl-phenylether	0.217	0.222		2.304	
Hexachlorobenzene	0.224	0.226		0.893	
Atrazine	0.161	0.153		-4.969	
Pentachlorophenol	0.101	0.091		-9.901	20.0
Phenanthrene	1.030	1.036		0.583	
Anthracene	1.015	1.030		1.478	
Carbazole	0.875	0.868		-0.8	
Di-n-butylphthalate	0.984	1.094		11.179	
Fluoranthene	0.961	0.926		-3.642	20.0
Benzidine	0.478	0.339		-29.079	
Pyrene	1.883	1.855		-1.487	
Terphenyl-d14	1.195	1.201		0.502	
Butylbenzylphthalate	0.603	0.635		5.307	
3,3-Dichlorobenzidine	0.352	0.364		3.409	
Benzo(a)anthracene	1.377	1.380		0.218	
Chrysene	1.243	1.197		-3.701	
Bis(2-ethylhexyl)phthalate	0.883	0.834		-5.549	
Di-n-octyl phthalate	1.634	1.457		-10.832	20.0
Benzo(b)fluoranthene	1.240	1.240		0.0	
Benzo(k)fluoranthene	1.073	1.129		5.219	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.074		2.972	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.339		-6.56	
Dibenzo(a,h)anthracene	1.177	1.097		-6.797	
Benzo(g,h,i)perylene	1.221	1.086		-11.057	
1,2,4,5-Tetrachlorobenzene	0.556	0.557		0.18	
1,4-Dioxane	0.567	0.507		-10.582	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.291		2.827	
1-Methylnaphthalene	0.652	0.663		1.687	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BL	SDG No.:	BF081524
Lab Sample ID:	PB162727BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139013.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BL	SDG No.:	BF081524
Lab Sample ID:	PB162727BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139013.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BL	SDG No.:	BF081524
Lab Sample ID:	PB162727BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139013.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.891		10-139		83	SPK: -150
13127-88-3	Phenol-d6	122.281		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	82.08		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	81.476		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BL	SDG No.:	BF081524
Lab Sample ID:	PB162727BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139013.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.71		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	103.059		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40475	6.834				
1146-65-2	Naphthalene-d8	168083	8.116				
15067-26-2	Acenaphthene-d10	97020	9.869				
1517-22-2	Phenanthrene-d10	180005	11.357				
1719-03-5	Chrysene-d12	100839	13.998				
1520-96-3	Perylene-d12	78284	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.5	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.5	A			5.075	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162590TB	SDG No.:	BF081524
Lab Sample ID:	PB162590TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139014.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162590TB	SDG No.:	BF081524
Lab Sample ID:	PB162590TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139014.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162590TB	SDG No.:	BF081524
Lab Sample ID:	PB162590TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139014.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.908		10-139		82	SPK: -150
13127-88-3	Phenol-d6	119.374		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	84.143		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.882		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162590TB	SDG No.:	BF081524
Lab Sample ID:	PB162590TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139014.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.776		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	100.846		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40673	6.834				
1146-65-2	Naphthalene-d8	162777	8.116				
15067-26-2	Acenaphthene-d10	92653	9.869				
1517-22-2	Phenanthrene-d10	174991	11.357				
1719-03-5	Chrysene-d12	100722	13.998				
1520-96-3	Perylene-d12	77337	15.468				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BS	SDG No.:	BF081524
Lab Sample ID:	PB162727BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139015.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.7		1	8	10	ug/L
110-86-1	Pyridine	33.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	27.1		4	8	10	ug/L
62-53-3	Aniline	31.9		1.6	4	5	ug/L
108-95-2	Phenol	46.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.1		1.4	4	5	ug/L
98-86-2	Acetophenone	45.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46		1	4	5	ug/L
98-95-3	Nitrobenzene	45.6		1.3	4	5	ug/L
78-59-1	Isophorone	46.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	35.1		5.5	8	10	ug/L
91-20-3	Naphthalene	44.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	29.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BS	SDG No.:	BF081524
Lab Sample ID:	PB162727BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139015.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	82.2	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.2		0.81	4	5	ug/L
Total PAH	Total PAH	770.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	87.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	71.3		2	8	10	ug/L
132-64-9	Dibenzofuran	47.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.5		0.98	4	5	ug/L
86-73-7	Fluorene	48.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.1		0.89	4	5	ug/L
103-33-3	Azobenzene	47.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.9		1.1	4	5	ug/L
1912-24-9	Atrazine	54.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BS	SDG No.:	BF081524
Lab Sample ID:	PB162727BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139015.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	69.2		1.9	8	10	ug/L
85-01-8	Phenanthrene	48.9		0.89	4	5	ug/L
120-12-7	Anthracene	49.9		1.1	4	5	ug/L
86-74-8	Carbazole	47		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	52.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.1		1.3	4	5	ug/L
92-87-5	Benzidine	10.8		4.1	8	10	ug/L
129-00-0	Pyrene	46		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.5		0.94	4	5	ug/L
218-01-9	Chrysene	47.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	39.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.49		10-139		89	SPK: -150
13127-88-3	Phenol-d6	130.323		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	87.858		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.846		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162727BS	SDG No.:	BF081524
Lab Sample ID:	PB162727BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139015.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.805		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	101.786		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46170	6.84				
1146-65-2	Naphthalene-d8	190934	8.122				
15067-26-2	Acenaphthene-d10	108880	9.875				
1517-22-2	Phenanthrene-d10	185241	11.363				
1719-03-5	Chrysene-d12	95091	14.004				
1520-96-3	Perylene-d12	86651	15.468				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162682TB	SDG No.:	BF081524
Lab Sample ID:	PB162682TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139016.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162682TB	SDG No.:	BF081524
Lab Sample ID:	PB162682TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139016.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162682TB	SDG No.:	BF081524
Lab Sample ID:	PB162682TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139016.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	155.858		10-139		104	SPK: -150
13127-88-3	Phenol-d6	153.048		10-134		102	SPK: -150
4165-60-0	Nitrobenzene-d5	109.843		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	108.853		52-132		109	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162682TB	SDG No.:	BF081524
Lab Sample ID:	PB162682TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139016.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	168.103		44-137		112	SPK: -150
1718-51-0	Terphenyl-d14	135.038	*	48-125		135	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35539	6.834				
1146-65-2	Naphthalene-d8	140063	8.116				
15067-26-2	Acenaphthene-d10	79629	9.869				
1517-22-2	Phenanthrene-d10	148209	11.357				
1719-03-5	Chrysene-d12	82222	13.998				
1520-96-3	Perylene-d12	64812	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162588TB	SDG No.:	BF081524
Lab Sample ID:	PB162588TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139017.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162588TB	SDG No.:	BF081524
Lab Sample ID:	PB162588TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139017.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162588TB	SDG No.:	BF081524
Lab Sample ID:	PB162588TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139017.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.73		10-139		84	SPK: -150
13127-88-3	Phenol-d6	122.51		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	83.609		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.655		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162588TB	SDG No.:	BF081524
Lab Sample ID:	PB162588TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139017.D	1	8/9/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.994		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	104.28		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39486	6.833				
1146-65-2	Naphthalene-d8	162935	8.116				
15067-26-2	Acenaphthene-d10	94396	9.869				
1517-22-2	Phenanthrene-d10	173845	11.357				
1719-03-5	Chrysene-d12	95606	13.998				
1520-96-3	Perylene-d12	76760	15.462				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162683TB	SDG No.:	BF081524
Lab Sample ID:	PB162683TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139018.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162683TB	SDG No.:	BF081524
Lab Sample ID:	PB162683TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139018.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162683TB	SDG No.:	BF081524
Lab Sample ID:	PB162683TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139018.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.197		10-139		82	SPK: -150
13127-88-3	Phenol-d6	119.717		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	83.14		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.694		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162683TB	SDG No.:	BF081524
Lab Sample ID:	PB162683TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139018.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.221		44-137		82	SPK: -150
1718-51-0	Terphenyl-d14	105.243		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40442	6.834				
1146-65-2	Naphthalene-d8	164070	8.116				
15067-26-2	Acenaphthene-d10	95368	9.869				
1517-22-2	Phenanthrene-d10	175353	11.357				
1719-03-5	Chrysene-d12	95720	13.998				
1520-96-3	Perylene-d12	77597	15.468				

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162621TB	SDG No.:	BF081524
Lab Sample ID:	PB162621TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139019.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162660

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162621TB	SDG No.:	BF081524
Lab Sample ID:	PB162621TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139019.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162660

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162621TB	SDG No.:	BF081524
Lab Sample ID:	PB162621TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139019.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.281		10-139		84	SPK: -150
13127-88-3	Phenol-d6	122.739		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	84.218		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.141		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	PB162621TB	SDG No.:	BF081524
Lab Sample ID:	PB162621TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139019.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.811		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	102.909		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40404	6.834				
1146-65-2	Naphthalene-d8	166435	8.116				
15067-26-2	Acenaphthene-d10	94313	9.869				
1517-22-2	Phenanthrene-d10	177073	11.357				
1719-03-5	Chrysene-d12	99105	13.998				
1520-96-3	Perylene-d12	77281	15.462				

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139020.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139020.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139020.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	151.504		10-139		101	SPK: -150
13127-88-3	Phenol-d6	143.098		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	109.171		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	108.64		52-132		109	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139020.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	177.601		44-137		118	SPK: -150
1718-51-0	Terphenyl-d14	128.298	*	48-125		128	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33362	6.834				
1146-65-2	Naphthalene-d8	130742	8.116				
15067-26-2	Acenaphthene-d10	71530	9.869				
1517-22-2	Phenanthrene-d10	120193	11.357				
1719-03-5	Chrysene-d12	59913	13.998				
1520-96-3	Perylene-d12	65202	15.463				

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MS	SDG No.:	BF081524
Lab Sample ID:	P3574-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139021.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	280		15.5	40	50	ug/L
100-52-7	Benzaldehyde	260		40	80	100	ug/L
62-53-3	Aniline	240		16	40	50	ug/L
108-95-2	Phenol	400		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	430		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	490		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	430		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	440		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	550		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	420		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	410		11	40	50	ug/L
65-85-0	Benzoic acid	380		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	180		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MS	SDG No.:	BF081524
Lab Sample ID:	P3574-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139021.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	400		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	520		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	260		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7640		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	660		20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000		27.6	40	100	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	430		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		11.4	40	50	ug/L
1912-24-9	Atrazine	540		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MS	SDG No.:	BF081524
Lab Sample ID:	P3574-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139021.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	850	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	510		8.9	40	50	ug/L
120-12-7	Anthracene	530		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	210		40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	550		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	390		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	530		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	530		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	510		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	460		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	550		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	350		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	350		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.919		10-139		82	SPK: -150
13127-88-3	Phenol-d6	116.842		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	89.026		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	92.919		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MS	SDG No.:	BF081524
Lab Sample ID:	P3574-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139021.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.16		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	109.863		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39009	6.839				
1146-65-2	Naphthalene-d8	158698	8.116				
15067-26-2	Acenaphthene-d10	84287	9.869				
1517-22-2	Phenanthrene-d10	133879	11.357				
1719-03-5	Chrysene-d12	66485	13.998				
1520-96-3	Perylene-d12	78706	15.468				

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MSD	SDG No.:	BF081524
Lab Sample ID:	P3574-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139022.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570		10.3	80	100	ug/L
110-86-1	Pyridine	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	300		40	80	100	ug/L
62-53-3	Aniline	280		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	480		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	540		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	510		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	490		10.1	40	50	ug/L
98-95-3	Nitrobenzene	510		12.7	40	50	ug/L
78-59-1	Isophorone	540		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	520		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	650		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	480		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	180		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	510		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MSD	SDG No.:	BF081524
Lab Sample ID:	P3574-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139022.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	530		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	530		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	520		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	590		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	600		9.3	40	50	ug/L
208-96-8	Acenaphthylene	570		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	560		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	8910		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	780		20	80	100	ug/L
132-64-9	Dibenzofuran	570		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	140		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	580		15.2	40	50	ug/L
84-66-2	Diethylphthalate	610		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	570		9.8	40	50	ug/L
86-73-7	Fluorene	570		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	510		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	600		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	600		8.9	40	50	ug/L
103-33-3	Azobenzene	570		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	590		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	580		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MSD	SDG No.:	BF081524
Lab Sample ID:	P3574-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139022.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	970	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	600		8.9	40	50	ug/L
120-12-7	Anthracene	620		10.7	40	50	ug/L
86-74-8	Carbazole	560		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	630		14.7	40	50	ug/L
206-44-0	Fluoranthene	540		12.9	40	50	ug/L
92-87-5	Benzidine	230		40.7	80	100	ug/L
129-00-0	Pyrene	560		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	640		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	590		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	590		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	550		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	650		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	640		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	490		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	410		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	590		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	500		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.876		10-139		93	SPK: -150
13127-88-3	Phenol-d6	132.9		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	104.143		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	107.96		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-S-06-202408MSD	SDG No.:	BF081524
Lab Sample ID:	P3574-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139022.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.634		44-137		112	SPK: -150
1718-51-0	Terphenyl-d14	128.326	*	48-125		128	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35263	6.84				
1146-65-2	Naphthalene-d8	138858	8.116				
15067-26-2	Acenaphthene-d10	74874	9.869				
1517-22-2	Phenanthrene-d10	119120	11.357				
1719-03-5	Chrysene-d12	59185	13.998				
1520-96-3	Perylene-d12	68182	15.468				

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-W-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139023.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-W-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139023.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	60.9		9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-W-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139023.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.074		10-139		79	SPK: -150
13127-88-3	Phenol-d6	108.755		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	91.467		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	92.571		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	WC-W-06-202408	SDG No.:	BF081524
Lab Sample ID:	P3574-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139023.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162727

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.142		44-137		107	SPK: -150
1718-51-0	Terphenyl-d14	126.996	*	48-125		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34877	6.834				
1146-65-2	Naphthalene-d8	146145	8.116				
15067-26-2	Acenaphthene-d10	79761	9.869				
1517-22-2	Phenanthrene-d10	136319	11.357				
1719-03-5	Chrysene-d12	60424	13.998				
1520-96-3	Perylene-d12	63945	15.462				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BF081524
Lab Sample ID:	PB162688BL	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
BF139026.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BF081524
Lab Sample ID:	PB162688BL	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
BF139026.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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



Client:				Date Collected:	8/13/2024 12:00:00 AM	
Project:				Date Received:	8/13/2024 12:00:00 AM	
Client Sample ID:	PB162688BL			SDG No.:	BF081524	
Lab Sample ID:	PB162688BL			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
BF139026.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.11		18-112		84	SPK: -150
13127-88-3	Phenol-d6	120.818		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	83.147		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.719		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BF081524
Lab Sample ID:	PB162688BL	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
BF139026.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.4		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	103.026		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42010	6.834				
1146-65-2	Naphthalene-d8	175115	8.116				
15067-26-2	Acenaphthene-d10	100590	9.869				
1517-22-2	Phenanthrene-d10	190629	11.357				
1719-03-5	Chrysene-d12	106160	13.998				
1520-96-3	Perylene-d12	80970	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.075	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.4
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139027.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.9	U	53.9	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.4
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
BF139027.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.5	U	95.5	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1770	U	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.4
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139027.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	110	U	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.9	U	99.9	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.961		18-112		57	SPK: -150
13127-88-3	Phenol-d6	85.578		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.244		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	53.995		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.4
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
BF139027.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.048		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	53.504		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35870	6.834				
1146-65-2	Naphthalene-d8	142874	8.116				
15067-26-2	Acenaphthene-d10	78452	9.869				
1517-22-2	Phenanthrene-d10	134287	11.357				
1719-03-5	Chrysene-d12	67313	13.998				
1520-96-3	Perylene-d12	70336	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	140	J			8.433	
006418-41-3	Tridecane, 3-methyl-	95.4	J			10.769	
002425-77-6	1-Decanol, 2-hexyl-	220	J			13.827	
000630-02-4	Octacosane	140	J			15.074	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	120	J			15.874	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.2
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
BF139028.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.1	U	53.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.6	U	99.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	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:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.2
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
BF139028.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.2	U	94.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.6	U	97.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1750	U	1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	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	110	U	110	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	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.2
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
BF139028.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	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	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	100	U	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	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	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	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.5	U	98.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.236		18-112		63	SPK: -150
13127-88-3	Phenol-d6	95.528		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	64.525		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	47.859		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.2
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
BF139028.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.023		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	41.816		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35847	6.833				
1146-65-2	Naphthalene-d8	145817	8.116				
15067-26-2	Acenaphthene-d10	80179	9.869				
1517-22-2	Phenanthrene-d10	134366	11.357				
1719-03-5	Chrysene-d12	66194	13.998				
1520-96-3	Perylene-d12	72077	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.063	
000470-82-6	Eucalyptol	430	J			6.981	
000770-35-4	1-Phenoxypropan-2-ol	200	J			8.433	
	unknown9.957	120	J			9.957	
	unknown11.863	150	J			11.863	
052026-55-8	(1S,4aR,7R)-1,4a-Dimethyl-7-(prop-	350	J			13.739	
079392-43-1	Octadecyl trifluoroacetate	430	J			13.821	
000544-76-3	Hexadecane	260	J			14.439	
000630-01-3	Hexacosane	310	J			15.074	
000629-80-1	Hexadecanal	190	J			15.651	
001560-98-1	Octacosane, 2-methyl-	260	J			15.874	
007390-81-0	Oxirane, hexadecyl-	180	J			16.656	
003691-12-1	.alpha.-Guaiene	300	J			17.527	
107729-05-5	5-(1-Naphthyl)tricyclo[4.1.0.0(2,7	240	J			17.662	
000489-39-4	Aromandendrene	800	J			17.786	
006831-17-0	2H-Cyclopropa[a]naphthalen-2-one,	310	J			17.915	
069239-71-0	6,10-Dimethyl-3-(1-methylethyliden	570	J			18.003	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.8
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
BF139029.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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	280	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	570	700	ug/Kg
62-53-3	Aniline	210	U	210	280	360	ug/Kg
108-95-2	Phenol	180	U	180	280	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	280	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	280	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	570	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	280	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	280	360	ug/Kg
98-86-2	Acetophenone	180	U	180	280	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	570	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.3	U	85.3	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	280	360	ug/Kg
78-59-1	Isophorone	180	U	180	280	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	280	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	280	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	280	360	ug/Kg
65-85-0	Benzoic acid	500	U	500	570	700	ug/Kg
91-20-3	Naphthalene	170	U	170	280	360	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	280	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.8
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
BF139029.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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	280	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	280	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	570	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	280	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	280	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	280	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	280	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	280	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	280	360	ug/Kg
Total PAH	Total PAH	2800	U	2800	280	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	570	700	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	570	700	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	280	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360	U	360	280	720	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	280	360	ug/Kg
86-73-7	Fluorene	180	U	180	280	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	570	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	280	360	ug/Kg
103-33-3	Azobenzene	170	U	170	280	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	280	360	ug/Kg
1912-24-9	Atrazine	190	U	190	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	52.8
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
BF139029.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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	280	360	ug/Kg
120-12-7	Anthracene	180	U	180	280	360	ug/Kg
86-74-8	Carbazole	170	U	170	280	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	360	ug/Kg
206-44-0	Fluoranthene	170	U	170	280	360	ug/Kg
92-87-5	Benzidine	340	U	340	570	700	ug/Kg
129-00-0	Pyrene	180	U	180	280	360	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	280	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	280	360	ug/Kg
218-01-9	Chrysene	170	U	170	280	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	280	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	570	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	280	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	280	360	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	280	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	280	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	280	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	280	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	280	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	280	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.901		18-112		53	SPK: -150
13127-88-3	Phenol-d6	78.099		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	51.41		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	40.619		20-109		41	SPK: -100



Client:			Date Collected:	8/12/2024 12:00:00 AM		
Project:			Date Received:	8/12/2024 12:00:00 AM		
Client Sample ID:	923-KI-SD-0-0.5-081224		SDG No.:	BF081524		
Lab Sample ID:	P3580-05		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	52.8		
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
BF139029.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.978		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	39.355		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34515	6.834				
1146-65-2	Naphthalene-d8	141948	8.116				
15067-26-2	Acenaphthene-d10	80201	9.869				
1517-22-2	Phenanthrene-d10	130042	11.357				
1719-03-5	Chrysene-d12	64534	13.998				
1520-96-3	Perylene-d12	70597	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	210	J			8.434	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	280	J			13.827	
	unknown13.886	380	J			13.886	
000629-94-7	Heneicosane	400	J			15.074	
000630-01-3	Hexacosane	210	J			15.874	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.6
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
BF139030.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	96.8	U	96.8	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.7	U	97.7	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.7	U	96.7	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.8	U	48.8	96.9	96.9	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.5	U	91.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.6
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
BF139030.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.9	U	93.9	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.5	U	86.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.7	U	89.7	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99	U	99	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.3	U	98.3	160	210	ug/Kg
Total PAH	Total PAH	1589.7	U	1589.7	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	97	U	97	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.9	U	98.9	160	210	ug/Kg
103-33-3	Azobenzene	96.4	U	96.4	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.6	U	95.6	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.6
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
BF139030.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.7	U	93.7	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.3	U	97.3	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99	U	99	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.8	U	97.8	160	210	ug/Kg
218-01-9	Chrysene	96.3	U	96.3	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.3	U	98.3	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.6	U	94.6	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.4	U	98.4	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97	U	97	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.5	U	90.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.679		18-112		68	SPK: -150
13127-88-3	Phenol-d6	101.625		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	66.987		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	61.412		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.6
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
BF139030.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.479		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	61.217		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33665	6.834				
1146-65-2	Naphthalene-d8	137336	8.116				
15067-26-2	Acenaphthene-d10	74074	9.869				
1517-22-2	Phenanthrene-d10	126667	11.357				
1719-03-5	Chrysene-d12	60762	13.998				
1520-96-3	Perylene-d12	65865	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	140	J			8.433	
004329-12-8	m,p-DDD	210	J			13.21	
074339-54-1	Trichloroacetic acid, hexadecyl es	220	J			13.827	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.5
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
BF139031.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg



Client:				Date Collected:	8/12/2024 12:00:00 AM	
Project:				Date Received:	8/12/2024 12:00:00 AM	
Client Sample ID:	922-KI-SD-0-0.5-081224			SDG No.:	BF081524	
Lab Sample ID:	P3580-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	27.5	
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
BF139031.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.4	U	98.4	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1820	U	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.5
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
BF139031.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	230	ug/Kg
120-12-7	Anthracene	120	U	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	110	U	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	230	ug/Kg
218-01-9	Chrysene	110	U	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.162		18-112		49	SPK: -150
13127-88-3	Phenol-d6	73.411		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	51.553		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	49.527		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0-0.5-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.5
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
BF139031.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.84		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	53.85		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35229	6.834				
1146-65-2	Naphthalene-d8	140620	8.116				
15067-26-2	Acenaphthene-d10	77484	9.863				
1517-22-2	Phenanthrene-d10	134048	11.357				
1719-03-5	Chrysene-d12	63591	13.998				
1520-96-3	Perylene-d12	67654	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.434	
006971-40-0	17-Pentatriacontene	140	J			13.828	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
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
BF139032.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.8	U	93.8	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.3	U	97.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.2	U	98.2	150	200	ug/Kg
95-57-8	2-Chlorophenol	98	U	98	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.3	U	99.3	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.4	U	97.4	320	390	ug/Kg
95-48-7	2-Methylphenol	94.6	U	94.6	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	93.6	U	93.6	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.3	U	47.3	93.9	93.9	ug/Kg
67-72-1	Hexachloroethane	97.4	U	97.4	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.3	U	99.3	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	88.6	U	88.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.9	U	96.9	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.9	U	96.9	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.7	U	97.7	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
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
BF139032.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.9	U	90.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.8	U	96.8	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.8	U	83.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.8	U	86.8	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.7	U	97.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.9	U	95.9	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.6	U	97.6	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.2	U	95.2	150	200	ug/Kg
Total PAH	Total PAH	1554	U	1554	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99	U	99	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)	97.6	U	197.6	150	400	ug/Kg
84-66-2	Diethylphthalate	94	U	94	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.7	U	95.7	150	200	ug/Kg
103-33-3	Azobenzene	93.4	U	93.4	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.6	U	92.6	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.7	U	99.7	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
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
BF139032.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.7	U	90.7	320	390	ug/Kg
85-01-8	Phenanthrene	98.6	U	98.6	150	200	ug/Kg
120-12-7	Anthracene	99	U	99	150	200	ug/Kg
86-74-8	Carbazole	94.2	U	94.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.9	U	98.9	150	200	ug/Kg
206-44-0	Fluoranthene	95.9	U	95.9	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.4	U	97.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	94.7	U	94.7	150	200	ug/Kg
218-01-9	Chrysene	93.3	U	93.3	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	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.2	U	95.2	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.9	U	96.9	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	91.6	U	91.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.3	U	95.3	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94	U	94	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	87.6	U	87.6	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.6	U	97.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.058		18-112		71	SPK: -150
13127-88-3	Phenol-d6	105.819		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	72.848		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	65.859		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BF081524
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
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
BF139032.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.406		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	73.387		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34101	6.834				
1146-65-2	Naphthalene-d8	136701	8.116				
15067-26-2	Acenaphthene-d10	76911	9.863				
1517-22-2	Phenanthrene-d10	131134	11.357				
1719-03-5	Chrysene-d12	61226	13.998				
1520-96-3	Perylene-d12	66197	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.122	
	unknown3.399	110	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	170	J			8.434	
	unknown9.957	86	J			9.957	
074685-33-9	3-Eicosene, (E)-	230	J			13.827	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-0-10	SDG No.:	BF081524
Lab Sample ID:	P3600-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139033.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	330	400	ug/Kg
110-86-1	Pyridine	96.6	U	96.6	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.5	U	97.5	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.5	U	96.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.7	U	48.7	96.7	96.7	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.9	U	99.9	160	210	ug/Kg
106-47-8	4-Chloroaniline	99.9	U	99.9	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-0-10	SDG No.:	BF081524
Lab Sample ID:	P3600-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
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
BF139033.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.7	U	93.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.8	U	99.8	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.3	U	86.3	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.5	U	89.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.8	U	98.8	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.1	U	98.1	160	210	ug/Kg
Total PAH	Total PAH	1588	U	1588	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	96.9	U	96.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	160	210	ug/Kg
103-33-3	Azobenzene	96.3	U	96.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.4	U	95.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-0-10	SDG No.:	BF081524
Lab Sample ID:	P3600-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
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
BF139033.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.5	U	93.5	330	400	ug/Kg
85-01-8	Phenanthrene	120	J	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.1	U	97.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	140	J	98.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	130	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.6	U	97.6	160	210	ug/Kg
218-01-9	Chrysene	96.1	U	96.1	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.1	U	98.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.9	U	99.9	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.4	U	94.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.2	U	98.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.3	U	90.3	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.975		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.156		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	67.289		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	60.352		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	VCPS-B3-081324-0-10	SDG No.:	BF081524
Lab Sample ID:	P3600-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
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
BF139033.D	1	8/14/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.887		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	57.965		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34463	6.834				
1146-65-2	Naphthalene-d8	141784	8.116				
15067-26-2	Acenaphthene-d10	78114	9.863				
1517-22-2	Phenanthrene-d10	130198	11.357				
1719-03-5	Chrysene-d12	62233	13.998				
1520-96-3	Perylene-d12	67643	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.434	
	unknown9.957	110	J			9.957	
000077-94-1	Butyl citrate	470	J			12.739	
001235-74-1	Methyl dehydroabietate	130	J			13.427	
005454-48-8	Bromoacetic acid, hexadecyl ester	150	J			13.833	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081524
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139034.D	1	8/6/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.9	U	95.9	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.5	U	99.5	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.6	U	99.6	320	400	ug/Kg
95-48-7	2-Methylphenol	96.7	U	96.7	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.8	U	95.8	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.4	U	48.4	96	96	ug/Kg
67-72-1	Hexachloroethane	99.6	U	99.6	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.6	U	90.6	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	99.1	U	99.1	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.1	U	99.1	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081524
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139034.D	1	8/6/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.7	U	85.7	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.8	U	88.8	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.8	U	99.8	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.3	U	97.3	160	200	ug/Kg
Total PAH	Total PAH	1579.8	U	1579.8	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.8	U	199.8	160	400	ug/Kg
84-66-2	Diethylphthalate	96.1	U	96.1	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.9	U	97.9	160	200	ug/Kg
103-33-3	Azobenzene	95.5	U	95.5	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.7	U	94.7	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg



Client:			Date Collected:	8/5/2024 12:00:00 AM	
Project:			Date Received:	8/5/2024 12:00:00 AM	
Client Sample ID:	S-866-N-S0-0-0.5-080524		SDG No.:	BF081524	
Lab Sample ID:	P3475-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	16.8	
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
BF139034.D	1	8/6/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.8	U	92.8	320	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.4	U	96.4	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	98	U	98	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	99.6	U	99.6	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	96.8	U	96.8	160	200	ug/Kg
218-01-9	Chrysene	95.4	U	95.4	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.3	U	97.3	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.1	U	99.1	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.7	U	93.7	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.4	U	97.4	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	U	96.1	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.6	U	89.6	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.8	U	99.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	42.986		18-112		29	SPK: -150
13127-88-3	Phenol-d6	45.674		15-107		30	SPK: -150
4165-60-0	Nitrobenzene-d5	30.259		18-107		30	SPK: -100
321-60-8	2-Fluorobiphenyl	26.345		20-109		26	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081524
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139034.D	1	8/6/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	45.645		10-116		30	SPK: -150
1718-51-0	Terphenyl-d14	28.289		10-105		28	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38760	6.834				
1146-65-2	Naphthalene-d8	154054	8.116				
15067-26-2	Acenaphthene-d10	81517	9.863				
1517-22-2	Phenanthrene-d10	134152	11.351				
1719-03-5	Chrysene-d12	66522	13.998				
1520-96-3	Perylene-d12	75058	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.387	98.8	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.051	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.433	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1.5-2-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139035.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	99	U	99	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99.9	U	99.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.9	U	98.9	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.9	U	49.9	99.1	99.1	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.5	U	93.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1.5-2-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139035.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.5	U	88.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.7	U	91.7	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1634.5	U	1634.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	99.2	U	99.2	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.6	U	98.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.8	U	97.8	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1.5-2-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139035.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.8	U	95.8	330	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99.5	U	99.5	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	98.5	U	98.5	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.8	U	96.8	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.2	U	99.2	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.5	U	92.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.546		18-112		56	SPK: -150
13127-88-3	Phenol-d6	84.973		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.25		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.082		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1.5-2-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139035.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.321		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	57.536		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41035	6.834				
1146-65-2	Naphthalene-d8	161701	8.116				
15067-26-2	Acenaphthene-d10	86063	9.869				
1517-22-2	Phenanthrene-d10	138803	11.357				
1719-03-5	Chrysene-d12	72129	13.998				
1520-96-3	Perylene-d12	77999	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	99.9	J			8.434	
079392-43-1	Octadecyl trifluoroacetate	220	J			13.827	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-3-3.5-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
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
BF139036.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.7	U	98.7	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99.6	U	99.6	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.6	U	98.6	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.8	U	49.8	98.9	98.9	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.3	U	93.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-3-3.5-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
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
BF139036.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.8	U	95.8	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.2	U	88.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.5	U	91.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1623.5	U	1623.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99	U	99	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.4	U	98.4	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.5	U	97.5	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg



Client:			Date Collected:	8/9/2024 12:00:00 AM			
Project:			Date Received:	8/9/2024 12:00:00 AM			
Client Sample ID:	S-856-J-S0-3-3.5-080924			SDG No.:	BF081524		
Lab Sample ID:	P3573-09			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	19.3		
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
BF139036.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.5	U	95.5	330	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99.2	U	99.2	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	99.7	U	99.7	160	210	ug/Kg
218-01-9	Chrysene	98.3	U	98.3	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.5	U	96.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	U	99	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.3	U	92.3	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.297		18-112		70	SPK: -150
13127-88-3	Phenol-d6	102.046		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	68.323		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	66.603		20-109		67	SPK: -100



Client:			Date Collected:	8/9/2024 12:00:00 AM	
Project:			Date Received:	8/9/2024 12:00:00 AM	
Client Sample ID:	S-856-J-S0-3-3.5-080924		SDG No.:	BF081524	
Lab Sample ID:	P3573-09		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	19.3	
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
BF139036.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.092		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	69.391		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35836	6.833				
1146-65-2	Naphthalene-d8	148003	8.116				
15067-26-2	Acenaphthene-d10	79042	9.869				
1517-22-2	Phenanthrene-d10	129814	11.351				
1719-03-5	Chrysene-d12	65543	13.998				
1520-96-3	Perylene-d12	67323	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.122	
	unknown3.398	110	J			3.398	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.433	
1010351-87-0	Heptadecyl trifluoroacetate	210	J			13.827	
	unknown14.939	150	J			14.939	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139037.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	99.1	U	99.1	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99	U	99	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50	U	50	99.2	99.2	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.7	U	93.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139037.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.1	U	96.1	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.6	U	88.6	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.8	U	91.8	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1634.9	U	1634.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	99.4	U	99.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.8	U	98.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.9	U	97.9	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg



Client:			Date Collected:	8/9/2024 12:00:00 AM	
Project:			Date Received:	8/9/2024 12:00:00 AM	
Client Sample ID:	S-856-J-S0-1-1.5-080924		SDG No.:	BF081524	
Lab Sample ID:	P3573-05		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	19.5	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139037.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.9	U	95.9	330	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99.6	U	99.6	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	98.6	U	98.6	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.9	U	96.9	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.4	U	99.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.7	U	92.7	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.622		18-112		64	SPK: -150
13127-88-3	Phenol-d6	94.784		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	63.421		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.327		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924	SDG No.:	BF081524
Lab Sample ID:	P3573-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139037.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.783		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	66.627		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42091	6.834				
1146-65-2	Naphthalene-d8	174325	8.116				
15067-26-2	Acenaphthene-d10	94463	9.869				
1517-22-2	Phenanthrene-d10	153392	11.351				
1719-03-5	Chrysene-d12	76328	13.998				
1520-96-3	Perylene-d12	79127	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	150	J			8.434	
000506-51-4	n-Tetracosanol-1	150	J			13.833	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MS	SDG No.:	BF081524
Lab Sample ID:	P3573-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139038.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2300		110	330	410	ug/Kg
110-86-1	Pyridine	1700		99	160	210	ug/Kg
100-52-7	Benzaldehyde	2000		230	330	410	ug/Kg
62-53-3	Aniline	2000		120	160	210	ug/Kg
108-95-2	Phenol	2000		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2100		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2200		100	330	410	ug/Kg
95-48-7	2-Methylphenol	2000		99.8	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		110	160	210	ug/Kg
98-86-2	Acetophenone	2200		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2100		98.8	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		49.9	99.1	99.1	ug/Kg
67-72-1	Hexachloroethane	2000		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2000		110	160	210	ug/Kg
78-59-1	Isophorone	2100		100	160	210	ug/Kg
88-75-5	2-Nitrophenol	2100		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		93.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	1300		290	330	410	ug/Kg
91-20-3	Naphthalene	2000		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1300		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2000		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MS	SDG No.:	BF081524
Lab Sample ID:	P3573-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139038.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2200		110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		96	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2100		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	E	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		88.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		91.7	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2000		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2000		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2200		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2200		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1500		110	160	210	ug/Kg
83-32-9	Acenaphthene	2000		100	160	210	ug/Kg
Total PAH	Total PAH	30700		1634.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	3100		140	330	410	ug/Kg
132-64-9	Dibenzofuran	2100		100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4300		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2200		99.2	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		110	160	210	ug/Kg
86-73-7	Fluorene	2100		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2000		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		100	160	210	ug/Kg
103-33-3	Azobenzene	2100		98.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		97.7	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2000		110	160	210	ug/Kg
1912-24-9	Atrazine	2800		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MS	SDG No.:	BF081524
Lab Sample ID:	P3573-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139038.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		95.7	330	410	ug/Kg
85-01-8	Phenanthrene	2100		100	160	210	ug/Kg
120-12-7	Anthracene	2100		100	160	210	ug/Kg
86-74-8	Carbazole	2000		99.5	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2300		100	160	210	ug/Kg
206-44-0	Fluoranthene	1900		100	160	210	ug/Kg
92-87-5	Benzidine	2200		200	330	410	ug/Kg
129-00-0	Pyrene	1800		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2300		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	2000		99.9	160	210	ug/Kg
218-01-9	Chrysene	2100		98.5	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		96.7	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		99.2	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1800		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		92.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1900		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.846		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.17		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	62.091		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.239		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MS	SDG No.:	BF081524
Lab Sample ID:	P3573-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139038.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.975		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	61.416		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41126	6.834				
1146-65-2	Naphthalene-d8	165281	8.116				
15067-26-2	Acenaphthene-d10	90313	9.869				
1517-22-2	Phenanthrene-d10	145618	11.357				
1719-03-5	Chrysene-d12	76395	13.998				
1520-96-3	Perylene-d12	81462	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MSD	SDG No.:	BF081524
Lab Sample ID:	P3573-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139039.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500		110	330	410	ug/Kg
110-86-1	Pyridine	2000		99	160	210	ug/Kg
100-52-7	Benzaldehyde	2200		230	330	410	ug/Kg
62-53-3	Aniline	2200		120	160	210	ug/Kg
108-95-2	Phenol	2200		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2300		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2200		100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2200		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2500		100	330	410	ug/Kg
95-48-7	2-Methylphenol	2200		99.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	160	210	ug/Kg
98-86-2	Acetophenone	2200		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2300		98.9	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2300		49.9	99.1	99.1	ug/Kg
67-72-1	Hexachloroethane	2200		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2100		110	160	210	ug/Kg
78-59-1	Isophorone	2200		100	160	210	ug/Kg
88-75-5	2-Nitrophenol	2200		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		93.6	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		110	160	210	ug/Kg
65-85-0	Benzoic acid	1500		290	330	410	ug/Kg
91-20-3	Naphthalene	2100		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1300		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2100		100	160	210	ug/Kg



Client:			Date Collected:	8/9/2024 12:00:00 AM			
Project:			Date Received:	8/9/2024 12:00:00 AM			
Client Sample ID:	S-856-J-S0-1-1.5-080924MSD			SDG No.:	BF081524		
Lab Sample ID:	P3573-05MSD			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	19.5		
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
BF139039.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2300		110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		96	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2200		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		88.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		91.7	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2100		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2300		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2300		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1600		110	160	210	ug/Kg
83-32-9	Acenaphthene	2200		100	160	210	ug/Kg
Total PAH	Total PAH	33100		1634.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	3200		140	330	410	ug/Kg
132-64-9	Dibenzofuran	2200		100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4500		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2400		99.3	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		110	160	210	ug/Kg
86-73-7	Fluorene	2200		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2100		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		150	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2400		100	160	210	ug/Kg
103-33-3	Azobenzene	2200		98.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		97.8	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2200		110	160	210	ug/Kg
1912-24-9	Atrazine	3000		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MSD	SDG No.:	BF081524
Lab Sample ID:	P3573-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139039.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900		95.8	330	410	ug/Kg
85-01-8	Phenanthrene	2300		100	160	210	ug/Kg
120-12-7	Anthracene	2300		100	160	210	ug/Kg
86-74-8	Carbazole	2100		99.5	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2600		100	160	210	ug/Kg
206-44-0	Fluoranthene	2000		100	160	210	ug/Kg
92-87-5	Benzidine	2500		200	330	410	ug/Kg
129-00-0	Pyrene	2000		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2500		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	2300		100	160	210	ug/Kg
218-01-9	Chrysene	2100		98.5	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2400		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		96.8	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		99.3	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1900		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		92.6	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	2000		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.744		18-112		66	SPK: -150
13127-88-3	Phenol-d6	98.507		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	65.366		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	64.371		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924MSD	SDG No.:	BF081524
Lab Sample ID:	P3573-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139039.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.336		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	67.858		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39294	6.834				
1146-65-2	Naphthalene-d8	163267	8.116				
15067-26-2	Acenaphthene-d10	89298	9.869				
1517-22-2	Phenanthrene-d10	143290	11.357				
1719-03-5	Chrysene-d12	73082	13.998				
1520-96-3	Perylene-d12	76023	15.463				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	C	SDG No.:	BF081524
Lab Sample ID:	P3485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139040.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94	U	94	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.6	U	97.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.5	U	98.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.3	U	98.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.6	U	99.6	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	97.7	U	97.7	320	390	ug/Kg
95-48-7	2-Methylphenol	94.9	U	94.9	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	93.9	U	93.9	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	97.7	U	97.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.6	U	99.6	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	88.9	U	88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.2	U	97.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.2	U	97.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98	U	98	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	C	SDG No.:	BF081524
Lab Sample ID:	P3485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139040.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.2	U	91.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.1	U	97.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.1	U	87.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98	U	98	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.2	U	96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.9	U	97.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.4	U	95.4	150	200	ug/Kg
Total PAH	Total PAH	1557.7	U	1557.7	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.3	U	99.3	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.9	U	197.9	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	94.3	U	94.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96	U	96	150	200	ug/Kg
103-33-3	Azobenzene	93.7	U	93.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.9	U	92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	C	SDG No.:	BF081524
Lab Sample ID:	P3485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139040.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91	U	91	320	390	ug/Kg
85-01-8	Phenanthrene	98.9	U	98.9	150	200	ug/Kg
120-12-7	Anthracene	99.3	U	99.3	150	200	ug/Kg
86-74-8	Carbazole	94.5	U	94.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.2	U	99.2	150	200	ug/Kg
206-44-0	Fluoranthene	96.2	U	96.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.7	U	97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95	U	95	150	200	ug/Kg
218-01-9	Chrysene	93.6	U	93.6	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	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.4	U	95.4	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.2	U	97.2	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	91.9	U	91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.6	U	95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.3	U	94.3	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	87.9	U	87.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.9	U	97.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.421		18-112		64	SPK: -150
13127-88-3	Phenol-d6	95.076		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	68.779		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	67.575		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	C	SDG No.:	BF081524
Lab Sample ID:	P3485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139040.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.356		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	65.239		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42385	6.834				
1146-65-2	Naphthalene-d8	167541	8.116				
15067-26-2	Acenaphthene-d10	90373	9.863				
1517-22-2	Phenanthrene-d10	137979	11.351				
1719-03-5	Chrysene-d12	77519	13.998				
1520-96-3	Perylene-d12	75133	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.122	
	unknown3.405	84	J			3.405	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	360	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	140	J			8.434	
1010406-40-5	Butyl hexadecyl ether	160	J			13.833	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMS	SDG No.:	BF081524
Lab Sample ID:	P3485-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139041.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2400		100	320	390	ug/Kg
110-86-1	Pyridine	1700		94.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	2100		97.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		98.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	2200		98.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		99.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2300		97.8	320	390	ug/Kg
95-48-7	2-Methylphenol	2100		95	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	150	200	ug/Kg
98-86-2	Acetophenone	2000		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	2200		94.1	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2300		47.5	94.3	94.3	ug/Kg
67-72-1	Hexachloroethane	2100		97.8	150	200	ug/Kg
98-95-3	Nitrobenzene	2000		110	150	200	ug/Kg
78-59-1	Isophorone	2100		99.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	2100		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		89	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		100	150	200	ug/Kg
65-85-0	Benzoic acid	1300		280	320	390	ug/Kg
91-20-3	Naphthalene	2000		97.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	540		97.4	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2000		98.2	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMS	SDG No.:	BF081524
Lab Sample ID:	P3485-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139041.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		91.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2100		97.3	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		84.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		87.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2000		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2100		98.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	2200		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2300		96.3	150	200	ug/Kg
208-96-8	Acenaphthylene	2300		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		98.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	1200		110	150	200	ug/Kg
83-32-9	Acenaphthene	2000		95.6	150	200	ug/Kg
Total PAH	Total PAH	32100		1559.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3100		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	2800		140	320	390	ug/Kg
132-64-9	Dibenzofuran	2100		99.5	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200		198.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		100	150	200	ug/Kg
84-66-2	Diethylphthalate	2300		94.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		100	150	200	ug/Kg
86-73-7	Fluorene	2100		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1800		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2400		96.2	150	200	ug/Kg
103-33-3	Azobenzene	2100		93.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		93	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	150	200	ug/Kg
1912-24-9	Atrazine	2500		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMS	SDG No.:	BF081524
Lab Sample ID:	P3485-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF139041.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		91.1	320	390	ug/Kg
85-01-8	Phenanthrene	2200		99	150	200	ug/Kg
120-12-7	Anthracene	2200		99.5	150	200	ug/Kg
86-74-8	Carbazole	2000		94.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2400		99.4	150	200	ug/Kg
206-44-0	Fluoranthene	2100		96.3	150	200	ug/Kg
92-87-5	Benzidine	1100		190	320	390	ug/Kg
129-00-0	Pyrene	1800		97.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2400		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	2200		95.1	150	200	ug/Kg
218-01-9	Chrysene	2100		93.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		95.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		97.4	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2300		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		92.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		95.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		94.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1600		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		88.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	2000		98.1	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.382		18-112		64	SPK: -150
13127-88-3	Phenol-d6	97.226		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	66.688		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	66.438		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMS	SDG No.:	BF081524
Lab Sample ID:	P3485-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139041.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.813		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	64.383		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41565	6.833				
1146-65-2	Naphthalene-d8	170141	8.116				
15067-26-2	Acenaphthene-d10	89510	9.869				
1517-22-2	Phenanthrene-d10	131551	11.357				
1719-03-5	Chrysene-d12	78293	13.998				
1520-96-3	Perylene-d12	77131	15.462				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMSD	SDG No.:	BF081524
Lab Sample ID:	P3485-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139042.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500		100	320	390	ug/Kg
110-86-1	Pyridine	1800		94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	2100		97.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		98.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	2200		98.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		99.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2300		97.8	320	390	ug/Kg
95-48-7	2-Methylphenol	2100		95	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	150	200	ug/Kg
98-86-2	Acetophenone	2100		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	2200		94	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2200		47.5	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	2100		97.8	150	200	ug/Kg
98-95-3	Nitrobenzene	2100		110	150	200	ug/Kg
78-59-1	Isophorone	2200		99.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		100	150	200	ug/Kg
65-85-0	Benzoic acid	1400		280	320	390	ug/Kg
91-20-3	Naphthalene	2100		97.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	560		97.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2200		98.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMSD	SDG No.:	BF081524
Lab Sample ID:	P3485-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139042.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		91.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2100		97.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		84.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		87.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	2400		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2400		96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	2300		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		98	150	200	ug/Kg
99-09-2	3-Nitroaniline	1200		110	150	200	ug/Kg
83-32-9	Acenaphthene	2100		95.5	150	200	ug/Kg
Total PAH	Total PAH	33300		1558.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3100		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	2800		140	320	390	ug/Kg
132-64-9	Dibenzofuran	2200		99.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4400		198	150	400	ug/Kg
84-66-2	Diethylphthalate	2400		94.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		100	150	200	ug/Kg
86-73-7	Fluorene	2200		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1900		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2500		96.1	150	200	ug/Kg
103-33-3	Azobenzene	2200		93.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2200		100	150	200	ug/Kg
1912-24-9	Atrazine	2700		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMSD	SDG No.:	BF081524
Lab Sample ID:	P3485-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139042.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600		91.1	320	390	ug/Kg
85-01-8	Phenanthrene	2300		99	150	200	ug/Kg
120-12-7	Anthracene	2300		99.4	150	200	ug/Kg
86-74-8	Carbazole	2200		94.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2600		99.3	150	200	ug/Kg
206-44-0	Fluoranthene	2100		96.2	150	200	ug/Kg
92-87-5	Benzidine	1200		190	320	390	ug/Kg
129-00-0	Pyrene	1800		97.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2400		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	2400		95.1	150	200	ug/Kg
218-01-9	Chrysene	2200		93.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		97.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2400		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		92	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		95.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		94.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1700		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		88	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	2000		98	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.116		18-112		64	SPK: -150
13127-88-3	Phenol-d6	96.322		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	68.005		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	70.658		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	CMSD	SDG No.:	BF081524
Lab Sample ID:	P3485-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139042.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.347		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	64.48		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39463	6.834				
1146-65-2	Naphthalene-d8	158789	8.116				
15067-26-2	Acenaphthene-d10	78905	9.869				
1517-22-2	Phenanthrene-d10	114018	11.357				
1719-03-5	Chrysene-d12	69014	13.998				
1520-96-3	Perylene-d12	63850	15.463				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF081524
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139043.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.7	U	91.7	290	350	ug/Kg
110-86-1	Pyridine	84.4	U	84.4	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.6	U	87.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.4	U	88.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.2	U	88.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.4	U	89.4	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.7	U	87.7	290	350	ug/Kg
95-48-7	2-Methylphenol	85.1	U	85.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	140	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.3	U	84.3	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.5	84.5	ug/Kg
67-72-1	Hexachloroethane	87.7	U	87.7	140	180	ug/Kg
98-95-3	Nitrobenzene	95.9	U	95.9	140	180	ug/Kg
78-59-1	Isophorone	89.4	U	89.4	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.8	U	99.8	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.4	U	98.4	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.6	U	90.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.7	U	79.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.2	U	90.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.2	U	87.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.2	U	87.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF081524
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139043.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.7	U	91.7	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.9	U	81.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.1	U	87.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.4	U	75.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.2	U	78.2	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.3	U	92.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88	U	88	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	130	J	86.3	140	180	ug/Kg
208-96-8	Acenaphthylene	91.4	U	91.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.9	U	87.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.2	U	94.2	140	180	ug/Kg
83-32-9	Acenaphthene	85.7	U	85.7	140	180	ug/Kg
Total PAH	Total PAH	2091.5	U	1399.6	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.1	U	89.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	78.9	U	178.9	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	140	180	ug/Kg
84-66-2	Diethylphthalate	84.6	U	84.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	140	180	ug/Kg
86-73-7	Fluorene	90.3	U	90.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.2	U	86.2	140	180	ug/Kg
103-33-3	Azobenzene	84.1	U	84.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.3	U	83.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	140	180	ug/Kg
1912-24-9	Atrazine	96.5	U	96.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF081524
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139043.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.6	U	81.6	290	350	ug/Kg
85-01-8	Phenanthrene	130	J	88.7	140	180	ug/Kg
120-12-7	Anthracene	89.1	U	89.1	140	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	140	180	ug/Kg
206-44-0	Fluoranthene	440		86.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	270		87.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	230		85.2	140	180	ug/Kg
218-01-9	Chrysene	210		84	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.1	U	96.1	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		85.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	87.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	230		98.2	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	J	82.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.8	U	85.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.5	J	84.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.7	U	91.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.9	U	78.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.9	U	87.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.349		18-112		61	SPK: -150
13127-88-3	Phenol-d6	90.042		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	66.749		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	63.402		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF081524
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139043.D	1	8/7/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.837		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	49.95		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41434	6.834				
1146-65-2	Naphthalene-d8	159307	8.116				
15067-26-2	Acenaphthene-d10	79178	9.863				
1517-22-2	Phenanthrene-d10	106523	11.357				
1719-03-5	Chrysene-d12	78589	13.998				
1520-96-3	Perylene-d12	63083	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	80.3	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	320	A			5.057	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	76	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	190	J			8.434	
	unknown9.957	100	J			9.957	
	unknown11.757	94.3	J			11.757	
000613-12-7	Anthracene, 2-methyl-	92.9	J			11.881	
074339-54-1	Trichloroacetic acid, hexadecyl es	100	J			13.827	
007614-21-3	Hexadeca-2,6,10,14-tetraen-1-ol, 3	100	J			14.816	
	unknown14.886	73.2	J			14.886	
090030-99-2	2,1,3-Benzoselenadiazole, 4,6-dich	110	J			15.151	
000205-82-3	Benzo[<i>j</i>]fluoranthene	150	J			15.339	
000646-31-1	Tetracosane	250	J			15.874	
	unknown17.486	260	J			17.486	
	unknown18.004	300	J			18.004	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139044.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.3	U	99.3	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.2	U	99.2	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.1	U	50.1	99.4	99.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.8	U	93.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139044.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.3	U	96.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.7	U	88.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.9	U	91.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	9030	U	1635.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.5	U	99.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.9	U	98.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98	U	98	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139044.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96	U	96	340	410	ug/Kg
85-01-8	Phenanthrene	1400		100	160	210	ug/Kg
120-12-7	Anthracene	360		100	160	210	ug/Kg
86-74-8	Carbazole	99.8	U	99.8	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	2000		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	1200		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	930		100	160	210	ug/Kg
218-01-9	Chrysene	740		98.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	840		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	720		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		97	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		99.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.8	U	92.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.606		18-112		58	SPK: -150
13127-88-3	Phenol-d6	86.568		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	62.153		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	63.298		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139044.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.306		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	50.366		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41768	6.834				
1146-65-2	Naphthalene-d8	163256	8.116				
15067-26-2	Acenaphthene-d10	79178	9.863				
1517-22-2	Phenanthrene-d10	110029	11.351				
1719-03-5	Chrysene-d12	80875	13.998				
1520-96-3	Perylene-d12	69878	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.434	
	unknown9.957	84.1	J			9.957	
002531-84-2	Phenanthrene, 2-methyl-	140	J			11.857	
000832-69-9	Phenanthrene, 1-methyl-	190	J			11.886	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350	J			11.969	
000612-94-2	Naphthalene, 2-phenyl-	93.2	J			12.151	
005737-13-3	Cyclopenta(def)phenanthrenone	97.3	J			12.498	
002381-21-7	Pyrene, 1-methyl-	85.3	J			13.016	
000243-17-4	11H-Benzo[b]fluorene	120	J			13.121	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	84.5	J			13.751	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			13.851	
002541-69-7	Benz[a]anthracene, 7-methyl-	99	J			14.38	
066788-01-0	Benzo(e)pyrene, 9,10-dihydro-	110	J			14.88	
000192-97-2	Benzo[e]pyrene	170	J			15.145	
000205-82-3	Benzo[j]fluoranthene	480	J			15.339	
000213-46-7	Picene	88.6	J			17.11	
000191-26-4	Dibenzo[def,mno]chrysene	100	J			17.639	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343RE	SDG No.:	BF081524
Lab Sample ID:	P3548-06RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139045.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	220	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.6	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.6	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	56.6	U	56.6	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.6	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.6	U	56.6	88.6	120	ug/Kg
98-95-3	Nitrobenzene	61.9	U	61.9	88.6	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.5	U	58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.8	U	56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343RE	SDG No.:	BF081524
Lab Sample ID:	P3548-06RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139045.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	59.6	U	59.6	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	55.7	U	55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	88.6	120	ug/Kg
Total PAH	Total PAH	903.3	U	903.3	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115.5	U	115.5	88.6	240	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.6	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.8	U	79.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.8	U	53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.6	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343RE	SDG No.:	BF081524
Lab Sample ID:	P3548-06RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139045.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.3	U	57.3	88.6	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.6	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.6	120	ug/Kg
206-44-0	Fluoranthene	68.5	J	55.7	88.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.6	U	56.6	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.6	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.3	U	55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.4	U	63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	75	U	75	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.065		18-112		47	SPK: -150
13127-88-3	Phenol-d6	73.502		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	47.477		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	36.716		20-109		37	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343RE	SDG No.:	BF081524
Lab Sample ID:	P3548-06RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139045.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.847		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	28.861		10-105		29	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38887	6.834				
1146-65-2	Naphthalene-d8	152683	8.116				
15067-26-2	Acenaphthene-d10	72754	9.869				
1517-22-2	Phenanthrene-d10	100045	11.351				
1719-03-5	Chrysene-d12	78585	13.998				
1520-96-3	Perylene-d12	61905	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOILRE	SDG No.:	BF081524
Lab Sample ID:	P3548-12RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139046.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.1	U	59.1	180	220	ug/Kg
110-86-1	Pyridine	54.4	U	54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66	U	66	88.5	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.5	U	56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.5	120	ug/Kg
78-59-1	Isophorone	57.6	U	57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOILRE	SDG No.:	BF081524
Lab Sample ID:	P3548-12RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139046.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	902.5	U	902.5	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115.4	U	115.4	88.5	240	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.5	120	ug/Kg
86-73-7	Fluorene	58.2	U	58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOILRE	SDG No.:	BF081524
Lab Sample ID:	P3548-12RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139046.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.2	U	57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	130		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	90.9	J	56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	72.3	J	55	88.5	120	ug/Kg
218-01-9	Chrysene	69.9	J	54.2	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.8	J	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	71.2	J	63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.1	U	59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	74.9	U	74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.115		18-112		48	SPK: -150
13127-88-3	Phenol-d6	77.276		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	50.652		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	43.518		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOILRE	SDG No.:	BF081524
Lab Sample ID:	P3548-12RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139046.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.483		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	34.889		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36225	6.834				
1146-65-2	Naphthalene-d8	145422	8.116				
15067-26-2	Acenaphthene-d10	69108	9.863				
1517-22-2	Phenanthrene-d10	96521	11.351				
1719-03-5	Chrysene-d12	75835	13.998				
1520-96-3	Perylene-d12	61014	15.463				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139047.D	1	8/9/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	95.5	U	95.5	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.1	U	99.1	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	99.9	U	99.9	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.3	U	99.3	320	390	ug/Kg
95-48-7	2-Methylphenol	96.4	U	96.4	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.4	U	95.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.7	95.7	ug/Kg
67-72-1	Hexachloroethane	99.3	U	99.3	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.3	U	90.3	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	98.8	U	98.8	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.8	U	98.8	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.6	U	99.6	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139047.D	1	8/9/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.7	U	92.7	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.7	U	98.7	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.4	U	85.4	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.5	U	88.5	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.6	U	99.6	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.7	U	97.7	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.5	U	99.5	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97	U	97	160	200	ug/Kg
Total PAH	Total PAH	1576.5	U	1576.5	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.5	U	199.5	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	95.8	U	95.8	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.6	U	97.6	160	200	ug/Kg
103-33-3	Azobenzene	95.2	U	95.2	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.4	U	94.4	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139047.D	1	8/9/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	U	92.4	320	390	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96	U	96	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	140	J	97.7	160	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	99.3	U	99.3	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	96.5	U	96.5	160	200	ug/Kg
218-01-9	Chrysene	95.1	U	95.1	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	U	97	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.8	U	98.8	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.4	U	93.4	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.1	U	97.1	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.8	U	95.8	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.3	U	89.3	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.324		18-112		52	SPK: -150
13127-88-3	Phenol-d6	77.967		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	57.859		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	56.394		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081524
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139047.D	1	8/9/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.321		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	49.177		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44277	6.834				
1146-65-2	Naphthalene-d8	167993	8.116				
15067-26-2	Acenaphthene-d10	74744	9.863				
1517-22-2	Phenanthrene-d10	104496	11.357				
1719-03-5	Chrysene-d12	79886	13.998				
1520-96-3	Perylene-d12	60480	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	380	A			5.057	
000295-48-7	Cyclopentadecane	190	J			13.833	
	unknown16.121	220	J			16.121	
1000285-40-2	.beta.-iso-Methyl ionone	150	J			16.545	

Hit Summary Sheet

SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-866-N-S0-0-0.5-080524								
P3475-01	S-866-N-S0-0-0.5-080524	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3475-01	S-866-N-S0-0-0.5-080524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3475-01	S-866-N-S0-0-0.5-080524	Solid	unknown3.387	*	98.800	J		
Total Tics :					358.80			
Total Concentration:					358.80			
Client ID : A								
P3483-01	A	Solid	(S)-(+)-1,2-Propanediol	*	80.300	J		
P3483-01	A	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P3483-01	A	Solid	2,1,3-Benzoselenadiazole, 4,6-dic	*	110.000	J		
P3483-01	A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	320.000	A		
P3483-01	A	Solid	Anthracene, 2-methyl-	*	92.900	J		
P3483-01	A	Solid	Benzo[j]fluoranthene	*	150.000	J		
P3483-01	A	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	76.000	J		
P3483-01	A	Solid	Hexadeca-2,6,10,14-tetraen-1-ol, 1	*	100.000	J		
P3483-01	A	Solid	Tetracosane	*	250.000	J		
P3483-01	A	Solid	Trichloroacetic acid, hexadecyl es	*	100.000	J		
P3483-01	A	Solid	unknown11.757	*	94.300	J		
P3483-01	A	Solid	unknown14.886	*	73.200	J		
P3483-01	A	Solid	unknown17.486	*	260.000	J		
P3483-01	A	Solid	unknown18.004	*	300.000	J		
P3483-01	A	Solid	unknown9.957	*	100.000	J		
Total Tics :					2,296.70			
P3483-01	A	Solid	Benzo(a)anthracene		230.000	85.2	180	ug/Kg
P3483-01	A	Solid	Benzo(a)pyrene		230.000	98.2	180	ug/Kg
P3483-01	A	Solid	Benzo(b)fluoranthene		300.000	85.7	180	ug/Kg
P3483-01	A	Solid	Benzo(g,h,i)perylene	J	88.500	84.6	180	ug/Kg
P3483-01	A	Solid	Benzo(k)fluoranthene	J	110.000	87.2	180	ug/Kg
P3483-01	A	Solid	Chrysene		210.000	84	180	ug/Kg
P3483-01	A	Solid	Dimethylphthalate	J	130.000	86.3	180	ug/Kg
P3483-01	A	Solid	Fluoranthene		440.000	86.3	180	ug/Kg
P3483-01	A	Solid	Indeno(1,2,3-cd)pyrene	J	83.000	82.5	180	ug/Kg
P3483-01	A	Solid	Phenanthrene	J	130.000	88.7	180	ug/Kg
P3483-01	A	Solid	Pyrene		270.000	87.7	180	ug/Kg
Total Svoc :					2,221.50			
Total Concentration:					4,518.20			

Client ID : C

Hit Summary Sheet
SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3485-01	C	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3485-01	C	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	360.000	A		
P3485-01	C	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P3485-01	C	Solid	Butyl hexadecyl ether	*	160.000	J		
P3485-01	C	Solid	unknown3.405	*	84.000	J		
Total Tics :					2,744.00			
Total Concentration:					2,744.00			
Client ID : SP-1-COMP								
P3526-01	SP-1-COMP	Solid	.beta.-iso-Methyl ionone	*	150.000	J		
P3526-01	SP-1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	380.000	A		
P3526-01	SP-1-COMP	Solid	Cyclopentadecane	*	190.000	J		
P3526-01	SP-1-COMP	Solid	unknown16.121	*	220.000	J		
Total Tics :					940.00			
P3526-01	SP-1-COMP	Solid	Fluoranthene		140.000	J 97.7	200	ug/Kg
Total Svoc :					140.00			
Total Concentration:					1,080.00			
Client ID : 343RE								
P3548-06RE	343RE	Solid	Fluoranthene		68.500	J 55.7	120	ug/Kg
Total Svoc :					68.50			
Total Concentration:					68.50			
Client ID : IN-SITU-SOILRE								
P3548-12RE	IN-SITU-SOILRE	Solid	Benzo(a)anthracene		72.300	J 55	120	ug/Kg
P3548-12RE	IN-SITU-SOILRE	Solid	Benzo(a)pyrene		71.200	J 63.3	120	ug/Kg
P3548-12RE	IN-SITU-SOILRE	Solid	Benzo(b)fluoranthene		85.800	J 55.2	120	ug/Kg
P3548-12RE	IN-SITU-SOILRE	Solid	Chrysene		69.900	J 54.2	120	ug/Kg
P3548-12RE	IN-SITU-SOILRE	Solid	Fluoranthene		130.000	J 55.6	120	ug/Kg
P3548-12RE	IN-SITU-SOILRE	Solid	Pyrene		90.900	J 56.5	120	ug/Kg
Total Svoc :					520.10			
Total Concentration:					520.10			
Client ID : S-856-J-S0-1-1.5-080924								
P3573-05	S-856-J-S0-1-1.5-080924	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3573-05	S-856-J-S0-1-1.5-080924	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P3573-05	S-856-J-S0-1-1.5-080924	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3573-05	S-856-J-S0-1-1.5-080924	Solid	n-Tetracosanol-1	*	150.000	J		
Total Tics :					2,700.00			
Total Concentration:					2,700.00			
Client ID : S-856-J-S0-1.5-2-080924								
P3573-07	S-856-J-S0-1.5-2-080924	Solid	1-Phenoxypropan-2-ol	*	99.900	J		

Hit Summary Sheet SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3573-07	S-856-J-S0-1.5-2-080924	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P3573-07	S-856-J-S0-1.5-2-080924	Solid	Octadecyl trifluoroacetate *	220.000	J			
Total Tics :					509.90			
Total Concentration:					509.90			
Client ID : S-856-J-S0-3-3.5-080924								
P3573-09	S-856-J-S0-3-3.5-080924	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P3573-09	S-856-J-S0-3-3.5-080924	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P3573-09	S-856-J-S0-3-3.5-080924	Solid	Butane, 2-methoxy-2-methyl- *	2,400.000	J			
P3573-09	S-856-J-S0-3-3.5-080924	Solid	Heptadecyl trifluoroacetate *	210.000	J			
P3573-09	S-856-J-S0-3-3.5-080924	Solid	unknown14.939 *	150.000	J			
P3573-09	S-856-J-S0-3-3.5-080924	Solid	unknown3.398 *	110.000	J			
Total Tics :					3,220.00			
Total Concentration:					3,220.00			
Client ID : WC-W-06-202408								
P3574-02	WC-W-06-202408	water	Dimethylphthalate	60.900	9.3		50	ug/L
Total Svoc :					60.90			
Total Concentration:					60.90			
Client ID : 925-KI-SD-0-0.5-081224								
P3580-03	925-KI-SD-0-0.5-081224	Solid	1-Decanol, 2-hexyl- *	220.000	J			
P3580-03	925-KI-SD-0-0.5-081224	Solid	1-Phenoxypropan-2-ol *	140.000	J			
P3580-03	925-KI-SD-0-0.5-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P3580-03	925-KI-SD-0-0.5-081224	Solid	Octacosane *	140.000	J			
P3580-03	925-KI-SD-0-0.5-081224	Solid	Sulfurous acid, 2-propyl tridecyl *	120.000	J			
P3580-03	925-KI-SD-0-0.5-081224	Solid	Tridecane, 3-methyl- *	95.400	J			
Total Tics :					925.40			
Total Concentration:					925.40			
Client ID : 925-KI-SD-0.5-1-081224								
P3580-04	925-KI-SD-0.5-1-081224	Solid	(1S,4aR,7R)-1,4a-Dimethyl-7-(pr *	350.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	.alpha.-Guaiene *	300.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P3580-04	925-KI-SD-0.5-1-081224	Solid	2H-Cyclopropa[a]naphthalen-2-or *	310.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	5-(1-Naphthyl)tricyclo[4.1.0.0(2,7 *	240.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	6,10-Dimethyl-3-(1-methylethylid *	570.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	Aromandendrene *	800.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	Butane, 2-methoxy-2-methyl- *	2,700.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	Eucalyptol *	430.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	Hexacosane *	310.000	J			
P3580-04	925-KI-SD-0.5-1-081224	Solid	Hexadecanal *	190.000	J			

Hit Summary Sheet SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3580-04	925-KI-SD-0.5-1-081224	Solid	Hexadecane	*	260.000	J		
P3580-04	925-KI-SD-0.5-1-081224	Solid	Octacosane, 2-methyl-	*	260.000	J		
P3580-04	925-KI-SD-0.5-1-081224	Solid	Octadecyl trifluoroacetate	*	430.000	J		
P3580-04	925-KI-SD-0.5-1-081224	Solid	Oxirane, hexadecyl-	*	180.000	J		
P3580-04	925-KI-SD-0.5-1-081224	Solid	unknown11.863	*	150.000	J		
P3580-04	925-KI-SD-0.5-1-081224	Solid	unknown9.957	*	120.000	J		
Total Tics :					8,010.00			
Total Concentration:					8,010.00			
Client ID : 923-KI-SD-0-0.5-081224								
P3580-05	923-KI-SD-0-0.5-081224	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P3580-05	923-KI-SD-0-0.5-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	A		
P3580-05	923-KI-SD-0-0.5-081224	Solid	Ethanol, 2-(tetradecyloxy)-	*	280.000	J		
P3580-05	923-KI-SD-0-0.5-081224	Solid	Heneicosane	*	400.000	J		
P3580-05	923-KI-SD-0-0.5-081224	Solid	Hexacosane	*	210.000	J		
P3580-05	923-KI-SD-0-0.5-081224	Solid	unknown13.886	*	380.000	J		
Total Tics :					1,750.00			
Total Concentration:					1,750.00			
Client ID : 923-KI-SD-0.5-1-081224								
P3580-06	923-KI-SD-0.5-1-081224	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3580-06	923-KI-SD-0.5-1-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P3580-06	923-KI-SD-0.5-1-081224	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P3580-06	923-KI-SD-0.5-1-081224	Solid	m,p-DDD	*	210.000	J		
P3580-06	923-KI-SD-0.5-1-081224	Solid	Trichloroacetic acid, hexadecyl es	*	220.000	J		
Total Tics :					3,190.00			
Total Concentration:					3,190.00			
Client ID : 922-KI-SD-0-0.5-081224								
P3580-07	922-KI-SD-0-0.5-081224	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3580-07	922-KI-SD-0-0.5-081224	Solid	17-Pentatriacontene	*	140.000	J		
P3580-07	922-KI-SD-0-0.5-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
Total Tics :					430.00			
Total Concentration:					430.00			
Client ID : 922-KI-SD-0.5-1-081224								
P3580-08	922-KI-SD-0.5-1-081224	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P3580-08	922-KI-SD-0.5-1-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3580-08	922-KI-SD-0.5-1-081224	Solid	3-Eicosene, (E)-	*	230.000	J		
P3580-08	922-KI-SD-0.5-1-081224	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3580-08	922-KI-SD-0.5-1-081224	Solid	unknown3.399	*	110.000	J		
P3580-08	922-KI-SD-0.5-1-081224	Solid	unknown9.957	*	86.000	J		
Total Tics :					2,906.00			

Hit Summary Sheet
SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,906.00				
Client ID :	SP-1-COMP							
P3597-01	SP-1-COMP	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3597-01	SP-1-COMP	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P3597-01	SP-1-COMP	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P3597-01	SP-1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3597-01	SP-1-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	350.000	J		
P3597-01	SP-1-COMP	Solid	Benz[a]anthracene, 7-methyl-	*	99.000	J		
P3597-01	SP-1-COMP	Solid	Benzo(e)pyrene, 9,10-dihydro-	*	110.000	J		
P3597-01	SP-1-COMP	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	84.500	J		
P3597-01	SP-1-COMP	Solid	Benzo[e]pyrene	*	170.000	J		
P3597-01	SP-1-COMP	Solid	Benzo[j]fluoranthene	*	480.000	J		
P3597-01	SP-1-COMP	Solid	Cyclopenta(def)phenanthrenone	*	97.300	J		
P3597-01	SP-1-COMP	Solid	Dibenzo[def,mno]chrysene	*	100.000	J		
P3597-01	SP-1-COMP	Solid	Naphthalene, 2-phenyl-	*	93.200	J		
P3597-01	SP-1-COMP	Solid	Phenanthrene, 1-methyl-	*	190.000	J		
P3597-01	SP-1-COMP	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P3597-01	SP-1-COMP	Solid	Picene	*	88.600	J		
P3597-01	SP-1-COMP	Solid	Pyrene, 1-methyl-	*	85.300	J		
P3597-01	SP-1-COMP	Solid	unknown9.957	*	84.100	J		
Total Tics :				2,702.00				
P3597-01	SP-1-COMP	Solid	Anthracene		360.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Benzo(a)anthracene		930.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Benzo(a)pyrene		720.000	120	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Benzo(b)fluoranthene		840.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Benzo(g,h,i)perylene		210.000	99.5	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Benzo(k)fluoranthene		410.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Chrysene		740.000	98.8	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Fluoranthene		2,000.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Indeno(1,2,3-cd)pyrene		220.000	97	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Phenanthrene		1,400.000	100	210	ug/Kg
P3597-01	SP-1-COMP	Solid	Pyrene		1,200.000	100	210	ug/Kg
Total Svoc :				9,030.00				
Total Concentration:				11,732.00				
Client ID :	VCPS-B3-081324-0-10							
P3600-04	VCPS-B3-081324-0-10	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3600-04	VCPS-B3-081324-0-10	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3600-04	VCPS-B3-081324-0-10	Solid	Bromoacetic acid, hexadecyl ester	*	150.000	J		
P3600-04	VCPS-B3-081324-0-10	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		

Hit Summary Sheet SW-846

SDG No.: BF081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3600-04	VCPS-B3-081324-0-10	Solid	Butyl citrate	*	470.000	J		
P3600-04	VCPS-B3-081324-0-10	Solid	Methyl dehydroabietate	*	130.000	J		
P3600-04	VCPS-B3-081324-0-10	Solid	unknown9.957	*	110.000	J		
Total Tics :					3,680.00			
P3600-04	VCPS-B3-081324-0-10	Solid	Fluoranthene		140.000	J 98.8	210	ug/Kg
P3600-04	VCPS-B3-081324-0-10	Solid	Phenanthrene		120.000	J 100	210	ug/Kg
P3600-04	VCPS-B3-081324-0-10	Solid	Pyrene		130.000	J 100	210	ug/Kg
Total Svoc :					390.00			
Total Concentration:					4,070.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 : _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 10:16

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	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162727BL	40475	6.83	168083	8.12	97020	9.87
02	PB162590TB	40673	6.83	162777	8.12	92653	9.87
03	PB162727BS	46170	6.84	190934	8.12	108880	9.88
04	PB162682TB	35539 *	6.83	140063 *	8.12	79629	9.87
05	PB162588TB	39486	6.83	162935	8.12	94396	9.87
06	PB162683TB	40442	6.83	164070	8.12	95368	9.87
07	PB162621TB	40404	6.83	166435	8.12	94313	9.87
08	WC-S-06-202408	33362 *	6.83	130742 *	8.12	71530 *	9.87
09	WC-S-06-202408MS	39009	6.84	158698	8.12	84287	9.87
10	WC-S-06-202408MSD	35263 *	6.84	138858 *	8.12	74874	9.87
11	WC-W-06-202408	34877 *	6.83	146145	8.12	79761	9.87
12	PB162688BL	42010	6.83	175115	8.12	100590	9.87
13	925-KI-SD-0-0.5-081224	35870 *	6.83	142874	8.12	78452	9.87
14	925-KI-SD-0.5-1-081224	35847 *	6.83	145817	8.12	80179	9.87
15	923-KI-SD-0-0.5-081224	34515 *	6.83	141948	8.12	80201	9.87
16	923-KI-SD-0.5-1-081224	33665 *	6.83	137336 *	8.12	74074	9.87
17	922-KI-SD-0-0.5-081224	35229 *	6.83	140620 *	8.12	77484	9.86
18	922-KI-SD-0.5-1-081224	34101 *	6.83	136701 *	8.12	76911	9.86
19	VCPS-B3-081324-0-10	34463 *	6.83	141784	8.12	78114	9.86
20	S-866-N-S0-0-0.5-080524	38760	6.83	154054	8.12	81517	9.86
21	S-856-J-S0-1.5-2-080924	41035	6.83	161701	8.12	86063	9.87
22	S-856-J-S0-3-3.5-080924	35836 *	6.83	148003	8.12	79042	9.87
23	S-856-J-S0-1-1.5-080924	42091	6.83	174325	8.12	94463	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 23:17

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	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
EPA SAMPLE NO.						
24 S-856-J-S0-1-1.5-080924MS	41126	6.83	165281	8.12	90313	9.87
25 S-856-J-S0-1-1.5-080924MSD	39294	6.83	163267	8.12	89298	9.87
26 C	42385	6.83	167541	8.12	90373	9.86
27 CMS	41565	6.83	170141	8.12	89510	9.87
28 CMSD	39463	6.83	158789	8.12	78905	9.87
29 A	41434	6.83	159307	8.12	79178	9.86
30 SP-1-COMP	41768	6.83	163256	8.12	79178	9.86
31 343RE	38887	6.83	152683	8.12	72754 *	9.87
32 IN-SITU-SOILRE	36225 *	6.83	145422	8.12	69108 *	9.86
33 SP-1-COMP	44277	6.83	167993	8.12	74744	9.86

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF139012.D Time Analyzed: 10:16

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	48058	6.84	197419	8.12	109625	9.88
UPPER LIMIT	96116	7.34	394838	8.622	219250	10.375
LOWER LIMIT	24029	6.34	98709.5	7.622	54812.5	9.375
EPA SAMPLE NO.						
01 PB162727BL	40475	6.83	168083	8.12	97020	9.87
02 PB162590TB	40673	6.83	162777	8.12	92653	9.87
03 PB162727BS	46170	6.84	190934	8.12	108880	9.88
04 PB162682TB	35539	6.83	140063	8.12	79629	9.87
05 PB162588TB	39486	6.83	162935	8.12	94396	9.87
06 PB162683TB	40442	6.83	164070	8.12	95368	9.87
07 PB162621TB	40404	6.83	166435	8.12	94313	9.87
08 WC-S-06-202408	33362	6.83	130742	8.12	71530	9.87
09 WC-S-06-202408MS	39009	6.84	158698	8.12	84287	9.87
10 WC-S-06-202408MSD	35263	6.84	138858	8.12	74874	9.87
11 WC-W-06-202408	34877	6.83	146145	8.12	79761	9.87

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF139025.D

Time Analyzed: 17:03

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	46198	6.84	185235	8.12	103494	9.87
	UPPER LIMIT	92396	7.34	370470	8.622	206988	10.369
	LOWER LIMIT	23099	6.34	92617.5	7.622	51747	9.369
	EPA SAMPLE NO.						
01	PB162688BL	42010	6.83	175115	8.12	100590	9.87
02	925-KI-SD-0-0.5-081224	35870	6.83	142874	8.12	78452	9.87
03	925-KI-SD-0.5-1-081224	35847	6.83	145817	8.12	80179	9.87
04	923-KI-SD-0-0.5-081224	34515	6.83	141948	8.12	80201	9.87
05	923-KI-SD-0.5-1-081224	33665	6.83	137336	8.12	74074	9.87
06	922-KI-SD-0-0.5-081224	35229	6.83	140620	8.12	77484	9.86
07	922-KI-SD-0.5-1-081224	34101	6.83	136701	8.12	76911	9.86
08	VCPS-B3-081324-0-10	34463	6.83	141784	8.12	78114	9.86
09	S-866-N-S0-0-0.5-080524	38760	6.83	154054	8.12	81517	9.86
10	S-856-J-S0-1.5-2-080924	41035	6.83	161701	8.12	86063	9.87
11	S-856-J-S0-3-3.5-080924	35836	6.83	148003	8.12	79042	9.87
12	S-856-J-S0-1-1.5-080924	42091	6.83	174325	8.12	94463	9.87
13	S-856-J-S0-1-1.5-080924MS	41126	6.83	165281	8.12	90313	9.87
14	S-856-J-S0-1-1.5-080924MSD	39294	6.83	163267	8.12	89298	9.87
15	C	42385	6.83	167541	8.12	90373	9.86
16	CMS	41565	6.83	170141	8.12	89510	9.87
17	CMSD	39463	6.83	158789	8.12	78905	9.87
18	A	41434	6.83	159307	8.12	79178	9.86
19	SP-1-COMP	41768	6.83	163256	8.12	79178	9.86
20	343RE	38887	6.83	152683	8.12	72754	9.87
21	IN-SITU-SOILRE	36225	6.83	145422	8.12	69108	9.86
22	SP-1-COMP	44277	6.83	167993	8.12	74744	9.86

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BF139025.D Time Analyzed: 03:50

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	46198	6.84	185235	8.12	103494	9.87
UPPER LIMIT	92396	7.34	370470	8.622	206988	10.369
LOWER LIMIT	23099	6.34	92617.5	7.622	51747	9.369
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.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 10:16

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	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162727BL	180005	11.36	100839	14.00	78284	15.47
02	PB162590TB	174991	11.36	100722	14.00	77337	15.47
03	PB162727BS	185241	11.36	95091	14.00	86651	15.47
04	PB162682TB	148209	11.36	82222	14.00	64812 *	15.46
05	PB162588TB	173845	11.36	95606	14.00	76760	15.46
06	PB162683TB	175353	11.36	95720	14.00	77597	15.47
07	PB162621TB	177073	11.36	99105	14.00	77281	15.46
08	WC-S-06-202408	120193	11.36	59913 *	14.00	65202 *	15.46
09	WC-S-06-202408MS	133879	11.36	66485	14.00	78706	15.47
10	WC-S-06-202408MSD	119120	11.36	59185 *	14.00	68182 *	15.47
11	WC-W-06-202408	136319	11.36	60424 *	14.00	63945 *	15.46
12	PB162688BL	190629	11.36	106160	14.00	80970	15.46
13	925-KI-SD-0-0.5-081224	134287	11.36	67313	14.00	70336 *	15.46
14	925-KI-SD-0.5-1-081224	134366	11.36	66194	14.00	72077 *	15.46
15	923-KI-SD-0-0.5-081224	130042	11.36	64534	14.00	70597 *	15.46
16	923-KI-SD-0.5-1-081224	126667	11.36	60762 *	14.00	65865 *	15.46
17	922-KI-SD-0-0.5-081224	134048	11.36	63591	14.00	67654 *	15.46
18	922-KI-SD-0.5-1-081224	131134	11.36	61226 *	14.00	66197 *	15.46
19	VCPS-B3-081324-0-10	130198	11.36	62233 *	14.00	67643 *	15.46
20	S-866-N-S0-0-0.5-080524	134152	11.35	66522	14.00	75058 *	15.46
21	S-856-J-S0-1.5-2-080924	138803	11.36	72129	14.00	77999	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 22:16

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	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
EPA SAMPLE NO.						
22 S-856-J-S0-3-3.5-080924	129814	11.35	65543	14.00	67323 *	15.46
23 S-856-J-S0-1-1.5-080924	153392	11.35	76328	14.00	79127	15.46
24 S-856-J-S0-1-1.5-080924MS	145618	11.36	76395	14.00	81462	15.46
25 S-856-J-S0-1-1.5-080924MSD	143290	11.36	73082	14.00	76023	15.46
26 C	137979	11.35	77519	14.00	75133 *	15.46
27 CMS	131551	11.36	78293	14.00	77131	15.46
28 CMSD	114018	11.36	69014	14.00	63850 *	15.46
29 A	106523 *	11.36	78589	14.00	63083 *	15.46
30 SP-1-COMP	110029 *	11.35	80875	14.00	69878 *	15.46
31 343RE	100045 *	11.35	78585	14.00	61905 *	15.46
32 IN-SITU-SOILRE	96521 *	11.35	75835	14.00	61014 *	15.46
33 SP-1-COMP	104496 *	11.36	79886	14.00	60480 *	15.46

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.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF139012.D Time Analyzed: 10:16

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	180167	11.363	91298	14.004	97077	15.468
UPPER LIMIT	360334	11.863	182596	14.504	194154	15.968
LOWER LIMIT	90083.5	10.863	45649	13.504	48538.5	14.968
EPA SAMPLE NO.						
01 PB162727BL	180005	11.36	100839	14.00	78284	15.47
02 PB162590TB	174991	11.36	100722	14.00	77337	15.47
03 PB162727BS	185241	11.36	95091	14.00	86651	15.47
04 PB162682TB	148209	11.36	82222	14.00	64812	15.46
05 PB162588TB	173845	11.36	95606	14.00	76760	15.46
06 PB162683TB	175353	11.36	95720	14.00	77597	15.47
07 PB162621TB	177073	11.36	99105	14.00	77281	15.46
08 WC-S-06-202408	120193	11.36	59913	14.00	65202	15.46
09 WC-S-06-202408MS	133879	11.36	66485	14.00	78706	15.47
10 WC-S-06-202408MSD	119120	11.36	59185	14.00	68182	15.47
11 WC-W-06-202408	136319	11.36	60424	14.00	63945	15.46

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.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BF139025.D Time Analyzed: 17:03

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	173892	11.357	85690	13.998	90423	15.463
	UPPER LIMIT	347784	11.857	171380	14.498	180846	15.963
	LOWER LIMIT	86946	10.857	42845	13.498	45211.5	14.963
	EPA SAMPLE NO.						
01	PB162688BL	190629	11.36	106160	14.00	80970	15.46
02	925-KI-SD-0-0.5-081224	134287	11.36	67313	14.00	70336	15.46
03	925-KI-SD-0.5-1-081224	134366	11.36	66194	14.00	72077	15.46
04	923-KI-SD-0-0.5-081224	130042	11.36	64534	14.00	70597	15.46
05	923-KI-SD-0.5-1-081224	126667	11.36	60762	14.00	65865	15.46
06	922-KI-SD-0-0.5-081224	134048	11.36	63591	14.00	67654	15.46
07	922-KI-SD-0.5-1-081224	131134	11.36	61226	14.00	66197	15.46
08	VCPS-B3-081324-0-10	130198	11.36	62233	14.00	67643	15.46
09	S-866-N-S0-0-0.5-080524	134152	11.35	66522	14.00	75058	15.46
10	S-856-J-S0-1.5-2-080924	138803	11.36	72129	14.00	77999	15.46
11	S-856-J-S0-3-3.5-080924	129814	11.35	65543	14.00	67323	15.46
12	S-856-J-S0-1-1.5-080924	153392	11.35	76328	14.00	79127	15.46
13	S-856-J-S0-1-1.5-080924MS	145618	11.36	76395	14.00	81462	15.46
14	S-856-J-S0-1-1.5-080924MSD	143290	11.36	73082	14.00	76023	15.46
15	C	137979	11.35	77519	14.00	75133	15.46
16	CMS	131551	11.36	78293	14.00	77131	15.46
17	CMSD	114018	11.36	69014	14.00	63850	15.46
18	A	106523	11.36	78589	14.00	63083	15.46
19	SP-1-COMP	110029	11.35	80875	14.00	69878	15.46
20	343RE	100045	11.35	78585	14.00	61905	15.46
21	IN-SITU-SOILRE	96521	11.35	75835	14.00	61014	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081524 SAS No.: BF081524 SDG NO.: BF081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BF139025.D Time Analyzed: 03:50

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	173892	11.357	85690	13.998	90423	15.463
UPPER LIMIT	347784	11.857	171380	14.498	180846	15.963
LOWER LIMIT	86946	10.857	42845	13.498	45211.5	14.963
EPA SAMPLE NO.						
22 SP-1-COMP	104496	11.36	79886	14.00	60480	15.46

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.: **BF081524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162727BS	n-Nitrosodimethylamine	50	55.7	ug/L	111		*		55	108	
	Pyridine	50	33.9	ug/L	68				29	97	
	Benzaldehyde	50	27.1	ug/L	54				10	162	
	Aniline	50	31.9	ug/L	64				10	130	
	Phenol	50	46.8	ug/L	94				66	118	
	bis(2-Chloroethyl)ether	50	44.7	ug/L	89				62	103	
	2-Chlorophenol	50	48.6	ug/L	97				70	117	
	1,2-Dichlorobenzene	50	46.4	ug/L	93				72	102	
	1,3-Dichlorobenzene	50	45.5	ug/L	91				71	103	
	1,4-Dichlorobenzene	50	45.4	ug/L	91				76	103	
	Benzyl Alcohol	50	51.3	ug/L	103		*		36	93	
	2-Methylphenol	50	47.1	ug/L	94				69	109	
	2,2-oxybis(1-Chloropropane)	50	45.1	ug/L	90				65	100	
	Acetophenone	50	45.7	ug/L	91				60	104	
	3+4-Methylphenols	50	49.9	ug/L	100				67	106	
	N-Nitroso-di-n-propylamine	50	49.3	ug/L	99				57	107	
	Hexachloroethane	50	46	ug/L	92				76	118	
	Nitrobenzene	50	45.6	ug/L	91				58	106	
	Isophorone	50	46.9	ug/L	94				61	102	
	2-Nitrophenol	50	47.9	ug/L	96				70	115	
	2,4-Dimethylphenol	50	51	ug/L	102				42	142	
	bis(2-Chloroethoxy)methane	50	44.4	ug/L	89				58	109	
	2,4-Dichlorophenol	50	48.2	ug/L	96				66	115	
	1,2,4-Trichlorobenzene	50	44.5	ug/L	89				41	115	
	Benzoic acid	50	35.1	ug/L	70				10	125	
	Naphthalene	50	44.9	ug/L	90				64	107	
	4-Chloroaniline	50	29.2	ug/L	58				10	85	
	Hexachlorobutadiene	50	44.9	ug/L	90				69	101	
	Caprolactam	50	47.5	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50	50	ug/L	100				65	114	
	2-Methylnaphthalene	50	46.7	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	82.2	ug/L	82				36	160	
	2,4,6-Trichlorophenol	50	44.4	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	44.4	ug/L	89				70	106	
	1,1-Biphenyl	50	41.3	ug/L	83				72	98	
	2-Chloronaphthalene	50	43.5	ug/L	87				59	106	
	2-Nitroaniline	50	50.3	ug/L	101				73	114	
	Dimethylphthalate	50	48.9	ug/L	98				64	103	
	Acenaphthylene	50	48.6	ug/L	97				79	103	
	2,6-Dinitrotoluene	50	46.9	ug/L	94				64	110	
	3-Nitroaniline	50	31.3	ug/L	63				28	100	
	Acenaphthene	50	44.2	ug/L	88				59	113	
	Total PAH	800	770.6	ug/L	96				59	113	
	2,4-Dinitrophenol	100	87.9	ug/L	88				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162727BS	4-Nitrophenol	100	71.3	ug/L	71				45	147	
	Dibenzofuran	50	47.1	ug/L	94				65	106	
	2,4-Dinitrotoluene	50	50	ug/L	100				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	96.9	ug/L	97				60	115	
	Diethylphthalate	50	50.1	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	47.5	ug/L	95				61	104	
	Fluorene	50	48.1	ug/L	96				64	107	
	4-Nitroaniline	50	44.6	ug/L	89				55	125	
	4,6-Dinitro-2-methylphenol	50	47.8	ug/L	96				62	132	
	N-Nitrosodiphenylamine	50	48.1	ug/L	96				61	109	
	Azobenzene	50	47.6	ug/L	95				59	106	
	4-Bromophenyl-phenylether	50	46	ug/L	92				73	103	
	Hexachlorobenzene	50	45.9	ug/L	92				73	106	
	Atrazine	50	54.3	ug/L	109				76	120	
	Pentachlorophenol	100	69.2	ug/L	69				47	114	
	Phenanthrene	50	48.9	ug/L	98				62	109	
	Anthracene	50	49.9	ug/L	100				65	110	
	Carbazole	50	47	ug/L	94				62	106	
	Di-n-butylphthalate	50	52.7	ug/L	105				64	106	
	Fluoranthene	50	46.1	ug/L	92				64	110	
	Benzidine	100	10.8	ug/L	11				10	94	
	Pyrene	50	46	ug/L	92				71	103	
	Butylbenzylphthalate	50	50.3	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	35.6	ug/L	71				43	108	
	Benzo(a)anthracene	50	45.5	ug/L	91				62	107	
	Chrysene	50	47.9	ug/L	96				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.8	ug/L	86				59	110	
	Di-n-octyl phthalate	50	39.3	ug/L	79				52	139	
	Benzo(b)fluoranthene	50	51.1	ug/L	102				77	113	
	Benzo(k)fluoranthene	50	53.9	ug/L	108		*		77	105	
	Benzo(a)pyrene	50	53.9	ug/L	108				72	131	
	Indeno(1,2,3-cd)pyrene	50	49	ug/L	98				72	105	
	Dibenz(a,h)anthracene	50	48	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50	44.6	ug/L	89				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	32.8	ug/L	66				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.2	ug/L	96				63	116	
	1-Methylnaphthalene	50	44	ug/L	88				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

S-866-N-S0-0-0.5-08

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139034.D

Lab Sample ID: P3475-01

Instrument ID: BNA_F

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 21:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-866-N-S0-0-0.5-080524	P3475-01	BF139034.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139040.D

Lab Sample ID: P3485-01

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/16/2024

Level: (low/med) LOW

Time Analyzed: 00:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C	P3485-01	BF139040.D	08/16/2024
CMS	P3485-01MS	BF139041.D	08/16/2024
CMSD	P3485-01MSD	BF139042.D	08/16/2024
A	P3483-01	BF139043.D	08/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-1-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139047.D

Lab Sample ID: P3526-01

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/16/2024

Level: (low/med) LOW

Time Analyzed: 03:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-1-COMP	P3526-01	BF139047.D	08/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162590TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139014.D

Lab Sample ID: PB162590TB

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 10:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162590TB	PB162590TB	BF139014.D	08/15/2024
PB162588TB	PB162588TB	BF139017.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162621TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139019.D

Lab Sample ID: PB162621TB

Instrument ID: BNA_F

Date Extracted: 08/10/2024

Matrix: (soil/water) water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162621TB	PB162621TB	BF139019.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162688BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139026.D

Lab Sample ID: PB162688BL

Instrument ID: BNA_F

Date Extracted: 08/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 17:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
925-KI-SD-0-0.5-081224	P3580-03	BF139027.D	08/15/2024
925-KI-SD-0.5-1-081224	P3580-04	BF139028.D	08/15/2024
923-KI-SD-0-0.5-081224	P3580-05	BF139029.D	08/15/2024
923-KI-SD-0.5-1-081224	P3580-06	BF139030.D	08/15/2024
922-KI-SD-0-0.5-081224	P3580-07	BF139031.D	08/15/2024
922-KI-SD-0.5-1-081224	P3580-08	BF139032.D	08/15/2024
S-856-J-S0-1.5-2-080924	P3573-07	BF139035.D	08/15/2024
S-856-J-S0-3-3.5-080924	P3573-09	BF139036.D	08/15/2024
S-856-J-S0-1-1.5-080924	P3573-05	BF139037.D	08/15/2024
S-856-J-S0-1-1.5-080924MS	P3573-05MS	BF139038.D	08/15/2024
S-856-J-S0-1-1.5-080924MSD	P3573-05MSD	BF139039.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-1-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139044.D

Lab Sample ID: P3597-01

Instrument ID: BNA_F

Date Extracted: 08/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/16/2024

Level: (low/med) LOW

Time Analyzed: 02:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-1-COMP	P3597-01	BF139044.D	08/16/2024
VCPS-B3-081324-0-10	P3600-04	BF139033.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162727BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081524

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139013.D

Lab Sample ID: PB162727BL

Instrument ID: BNA_F

Date Extracted: 08/14/2024

Matrix: (soil/water) water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 10:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-S-06-202408	P3574-01	BF139020.D	08/15/2024
WC-S-06-202408MS	P3574-01MS	BF139021.D	08/15/2024
WC-S-06-202408MSD	P3574-01MSD	BF139022.D	08/15/2024
WC-W-06-202408	P3574-02	BF139023.D	08/15/2024
PB162683TB	PB162683TB	BF139018.D	08/15/2024
PB162727BS	PB162727BS	BF139015.D	08/15/2024
PB162682TB	PB162682TB	BF139016.D	08/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3485-01MS		Client Sample ID: CMS		DataFile: BF139041.D							
n-Nitrosodimethylamine	2000		2400	ug/Kg	120				66	124	
Pyridine	2000		1700	ug/Kg	85				45	119	
Benzaldehyde	2000		0	ug/Kg	0	*			10	86	
Aniline	2000		1200	ug/Kg	60				10	88	
Phenol	2000		2100	ug/Kg	105				67	126	
bis(2-Chloroethyl)ether	2000		2000	ug/Kg	100				54	125	
2-Chlorophenol	2000		2200	ug/Kg	110	*			79	107	
1,2-Dichlorobenzene	2000		2100	ug/Kg	105				61	105	
1,3-Dichlorobenzene	2000		2000	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2000		2100	ug/Kg	105	*			63	104	
Benzyl Alcohol	2000		2300	ug/Kg	115				47	126	
2-Methylphenol	2000		2100	ug/Kg	105				66	122	
2,2-oxybis(1-Chloropropane)	2000		2100	ug/Kg	105				65	110	
Acetophenone	2000		2000	ug/Kg	100				75	111	
3+4-Methylphenols	2000		2200	ug/Kg	110	*			66	104	
N-Nitroso-di-n-propylamine	2000		2300	ug/Kg	115				59	119	
Hexachloroethane	2000		2100	ug/Kg	105				65	117	
Nitrobenzene	2000		2000	ug/Kg	100				70	119	
Isophorone	2000		2100	ug/Kg	105				76	122	
2-Nitrophenol	2000		2100	ug/Kg	105				54	145	
2,4-Dimethylphenol	2000		2200	ug/Kg	110				44	135	
bis(2-Chloroethoxy)methane	2000		2000	ug/Kg	100				68	112	
2,4-Dichlorophenol	2000		2200	ug/Kg	110				72	118	
1,2,4-Trichlorobenzene	2000		2100	ug/Kg	105	*			57	103	
Benzoic acid	2000		1300	ug/Kg	65				50	104	
Naphthalene	2000		2000	ug/Kg	100				72	110	
4-Chloroaniline	2000		540	ug/Kg	27				10	91	
Hexachlorobutadiene	2000		2000	ug/Kg	100				66	114	
Caprolactam	2000		2100	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	2000		2100	ug/Kg	105				57	132	
2-Methylnaphthalene	2000		2100	ug/Kg	105				59	123	
Hexachlorocyclopentadiene	3900		3500	ug/Kg	90				10	175	
2,4,6-Trichlorophenol	2000		2100	ug/Kg	105				72	117	
2,4,5-Trichlorophenol	2000		1900	ug/Kg	95				72	117	
1,1-Biphenyl	2000		2000	ug/Kg	100				75	113	
2-Chloronaphthalene	2000		2100	ug/Kg	105				67	118	
2-Nitroaniline	2000		2200	ug/Kg	110				69	127	
Dimethylphthalate	2000		2300	ug/Kg	115	*			70	113	
Acenaphthylene	2000		2300	ug/Kg	115				79	118	
2,6-Dinitrotoluene	2000		2100	ug/Kg	105				70	125	
3-Nitroaniline	2000		1200	ug/Kg	60				30	99	
Acenaphthene	2000		2000	ug/Kg	100				70	121	
Total PAH	32000		32100	ug/Kg	100				70	121	
2,4-Dinitrophenol	3900		3100	ug/Kg	79				10	155	
4-Nitrophenol	3900		2800	ug/Kg	72				45	133	
Dibenzofuran	2000		2100	ug/Kg	105				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

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	4000		4200	ug/Kg	105				55	128	
2,4-Dinitrotoluene	2000		2100	ug/Kg	105				55	128	
Diethylphthalate	2000		2300	ug/Kg	115	*			70	112	
4-Chlorophenyl-phenylether	2000		2100	ug/Kg	105				71	108	
Fluorene	2000		2100	ug/Kg	105				68	116	
4-Nitroaniline	2000		1800	ug/Kg	90				55	120	
4,6-Dinitro-2-methylphenol	2000		2000	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	2000		2400	ug/Kg	120	*			73	118	
Azobenzene	2000		2100	ug/Kg	105				73	110	
4-Bromophenyl-phenylether	2000		2200	ug/Kg	110				65	121	
Hexachlorobenzene	2000		2100	ug/Kg	105				67	118	
Atrazine	2000		2500	ug/Kg	125				79	127	
Pentachlorophenol	3900		2400	ug/Kg	62				47	128	
Phenanthrene	2000		2200	ug/Kg	110				52	128	
Anthracene	2000		2200	ug/Kg	110				62	124	
Carbazole	2000		2000	ug/Kg	100				59	119	
Di-n-butylphthalate	2000		2400	ug/Kg	120	*			69	118	
Fluoranthene	2000		2100	ug/Kg	105				44	125	
Benzydine	3900		1100	ug/Kg	28				10	119	
Pyrene	2000		1800	ug/Kg	90				26	142	
Butylbenzylphthalate	2000		2400	ug/Kg	120				64	126	
3,3-Dichlorobenzidine	2000		1500	ug/Kg	75				33	116	
Benzo(a)anthracene	2000		2200	ug/Kg	110				71	114	
Chrysene	2000		2100	ug/Kg	105				57	121	
bis(2-Ethylhexyl)phthalate	2000		2200	ug/Kg	110				42	169	
Di-n-octyl phthalate	2000		2100	ug/Kg	105				23	175	
Benzo(b)fluoranthene	2000		2300	ug/Kg	115				67	121	
Benzo(k)fluoranthene	2000		2500	ug/Kg	125				57	134	
Benzo(a)pyrene	2000		2300	ug/Kg	115				70	142	
Indeno(1,2,3-cd)pyrene	2000		1400	ug/Kg	70				40	129	
Dibenz(a,h)anthracene	2000		1400	ug/Kg	70				43	123	
Benzo(g,h,i)perylene	2000		1200	ug/Kg	60				24	125	
1,2,4,5-Tetrachlorobenzene	2000		2000	ug/Kg	100				69	124	
1,4-Dioxane	2000		1600	ug/Kg	80				46	112	
2,3,4,6-Tetrachlorophenol	2000		2000	ug/Kg	100				69	112	
1-Methylnaphthalene	2000		2000	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3485-01MSD		Client Sample ID: CMSD		DataFile: BF139042.D							
n-Nitrosodimethylamine	2000		2500	ug/Kg	125	*	4		66	124	20
Pyridine	2000		1800	ug/Kg	90		6		45	119	20
Benzaldehyde	2000		0	ug/Kg	0	*			10	86	20
Aniline	2000		1200	ug/Kg	60		0		10	88	20
Phenol	2000		2100	ug/Kg	105		0		67	126	20
bis(2-Chloroethyl)ether	2000		2000	ug/Kg	100		0		54	125	20
2-Chlorophenol	2000		2200	ug/Kg	110	*	0		79	107	20
1,2-Dichlorobenzene	2000		2100	ug/Kg	105		0		61	105	20
1,3-Dichlorobenzene	2000		2100	ug/Kg	105	*	5		62	101	20
1,4-Dichlorobenzene	2000		2100	ug/Kg	105	*	0		63	104	20
Benzyl Alcohol	2000		2300	ug/Kg	115		0		47	126	20
2-Methylphenol	2000		2100	ug/Kg	105		0		66	122	20
2,2-oxybis(1-Chloropropane)	2000		2100	ug/Kg	105		0		65	110	20
Acetophenone	2000		2100	ug/Kg	105		5		75	111	20
3+4-Methylphenols	2000		2200	ug/Kg	110	*	0		66	104	20
N-Nitroso-di-n-propylamine	2000		2200	ug/Kg	110		4		59	119	20
Hexachloroethane	2000		2100	ug/Kg	105		0		65	117	20
Nitrobenzene	2000		2100	ug/Kg	105		5		70	119	20
Isophorone	2000		2200	ug/Kg	110		5		76	122	20
2-Nitrophenol	2000		2200	ug/Kg	110		5		54	145	20
2,4-Dimethylphenol	2000		2300	ug/Kg	115		4		44	135	20
bis(2-Chloroethoxy)methane	2000		2100	ug/Kg	105		5		68	112	20
2,4-Dichlorophenol	2000		2200	ug/Kg	110		0		72	118	20
1,2,4-Trichlorobenzene	2000		2100	ug/Kg	105	*	0		57	103	20
Benzoic acid	2000		1400	ug/Kg	70		7		50	104	20
Naphthalene	2000		2100	ug/Kg	105		5		72	110	20
4-Chloroaniline	2000		560	ug/Kg	28		4		10	91	20
Hexachlorobutadiene	2000		2200	ug/Kg	110		10		66	114	20
Caprolactam	2000		2100	ug/Kg	105		0		51	134	20
4-Chloro-3-methylphenol	2000		2200	ug/Kg	110		5		57	132	20
2-Methylnaphthalene	2000		2100	ug/Kg	105		0		59	123	20
Hexachlorocyclopentadiene	3900		3300	ug/Kg	85		6		10	175	20
2,4,6-Trichlorophenol	2000		2200	ug/Kg	110		5		72	117	20
2,4,5-Trichlorophenol	2000		2000	ug/Kg	100		5		72	117	20
1,1-Biphenyl	2000		2100	ug/Kg	105		5		75	113	20
2-Chloronaphthalene	2000		2200	ug/Kg	110		5		67	118	20
2-Nitroaniline	2000		2400	ug/Kg	120		9		69	127	20
Dimethylphthalate	2000		2400	ug/Kg	120	*	4		70	113	20
Acenaphthylene	2000		2300	ug/Kg	115		0		79	118	20
2,6-Dinitrotoluene	2000		2200	ug/Kg	110		5		70	125	20
3-Nitroaniline	2000		1200	ug/Kg	60		0		30	99	20
Acenaphthene	2000		2100	ug/Kg	105		5		70	121	20
Total PAH	32000		33300	ug/Kg	104		4		70	121	20
2,4-Dinitrophenol	3900		3100	ug/Kg	79		0		10	155	20
4-Nitrophenol	3900		2800	ug/Kg	72		0		45	133	20
Dibenzofuran	2000		2200	ug/Kg	110		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

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	4000		4400	ug/Kg	110		5		55	128	20
2,4-Dinitrotoluene	2000		2200	ug/Kg	110		5		55	128	20
Diethylphthalate	2000		2400	ug/Kg	120	*	4		70	112	20
4-Chlorophenyl-phenylether	2000		2200	ug/Kg	110	*	5		71	108	20
Fluorene	2000		2200	ug/Kg	110		5		68	116	20
4-Nitroaniline	2000		1900	ug/Kg	95		5		55	120	20
4,6-Dinitro-2-methylphenol	2000		2100	ug/Kg	105		5		10	160	20
N-Nitrosodiphenylamine	2000		2500	ug/Kg	125	*	4		73	118	20
Azobenzene	2000		2200	ug/Kg	110		5		73	110	20
4-Bromophenyl-phenylether	2000		2300	ug/Kg	115		4		65	121	20
Hexachlorobenzene	2000		2200	ug/Kg	110		5		67	118	20
Atrazine	2000		2700	ug/Kg	135	*	8		79	127	20
Pentachlorophenol	3900		2600	ug/Kg	67		8		47	128	20
Phenanthrene	2000		2300	ug/Kg	115		4		52	128	20
Anthracene	2000		2300	ug/Kg	115		4		62	124	20
Carbazole	2000		2200	ug/Kg	110		10		59	119	20
Di-n-butylphthalate	2000		2600	ug/Kg	130	*	8		69	118	20
Fluoranthene	2000		2100	ug/Kg	105		0		44	125	20
Benzydine	3900		1200	ug/Kg	31		10		10	119	20
Pyrene	2000		1800	ug/Kg	90		0		26	142	20
Butylbenzylphthalate	2000		2400	ug/Kg	120		0		64	126	20
3,3-Dichlorobenzidine	2000		1600	ug/Kg	80		6		33	116	20
Benzo(a)anthracene	2000		2400	ug/Kg	120	*	9		71	114	20
Chrysene	2000		2200	ug/Kg	110		5		57	121	20
bis(2-Ethylhexyl)phthalate	2000		2300	ug/Kg	115		4		42	169	20
Di-n-octyl phthalate	2000		2200	ug/Kg	110		5		23	175	20
Benzo(b)fluoranthene	2000		2400	ug/Kg	120		4		67	121	20
Benzo(k)fluoranthene	2000		2500	ug/Kg	125		0		57	134	20
Benzo(a)pyrene	2000		2400	ug/Kg	120		4		70	142	20
Indeno(1,2,3-cd)pyrene	2000		1500	ug/Kg	75		7		40	129	20
Dibenz(a,h)anthracene	2000		1500	ug/Kg	75		7		43	123	20
Benzo(g,h,i)perylene	2000		1200	ug/Kg	60		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2000		2100	ug/Kg	105		5		69	124	20
1,4-Dioxane	2000		1700	ug/Kg	85		6		46	112	20
2,3,4,6-Tetrachlorophenol	2000		2000	ug/Kg	100		0		69	112	20
1-Methylnaphthalene	2000		2000	ug/Kg	100		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3573-05MS		Client Sample ID: S-856-J-S0-1-1.5-080924MS		DataFile: BF139038.D							
n-Nitrosodimethylamine	2100		2300	ug/Kg	110				66	124	
Pyridine	2100		1700	ug/Kg	81				45	119	
Benzaldehyde	2100		2000	ug/Kg	95	*			10	86	
Aniline	2100		2000	ug/Kg	95	*			10	88	
Phenol	2100		2000	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	2100		1900	ug/Kg	90				54	125	
2-Chlorophenol	2100		2100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	2100		2000	ug/Kg	95				61	105	
1,3-Dichlorobenzene	2100		2000	ug/Kg	95				62	101	
1,4-Dichlorobenzene	2100		2000	ug/Kg	95				63	104	
Benzyl Alcohol	2100		2200	ug/Kg	105				47	126	
2-Methylphenol	2100		2000	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	2100		2000	ug/Kg	95				65	110	
Acetophenone	2100		2200	ug/Kg	105				75	111	
3+4-Methylphenols	2100		2100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	2100		2100	ug/Kg	100				59	119	
Hexachloroethane	2100		2000	ug/Kg	95				65	117	
Nitrobenzene	2100		2000	ug/Kg	95				70	119	
Isophorone	2100		2100	ug/Kg	100				76	122	
2-Nitrophenol	2100		2100	ug/Kg	100				54	145	
2,4-Dimethylphenol	2100		2500	ug/Kg	119				44	135	
bis(2-Chloroethoxy)methane	2100		2000	ug/Kg	95				68	112	
2,4-Dichlorophenol	2100		2100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90				57	103	
Benzoic acid	2100		1300	ug/Kg	62				50	104	
Naphthalene	2100		2000	ug/Kg	95				72	110	
4-Chloroaniline	2100		1300	ug/Kg	62				10	91	
Hexachlorobutadiene	2100		2000	ug/Kg	95				66	114	
Caprolactam	2100		2200	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	2100		2100	ug/Kg	100				57	132	
2-Methylnaphthalene	2100		2100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	4100		4400	ug/Kg	107				10	175	
2,4,6-Trichlorophenol	2100		1900	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	2100		1900	ug/Kg	90				72	117	
1,1-Biphenyl	2100		2000	ug/Kg	95				75	113	
2-Chloronaphthalene	2100		2000	ug/Kg	95				67	118	
2-Nitroaniline	2100		2200	ug/Kg	105				69	127	
Dimethylphthalate	2100		2200	ug/Kg	105				70	113	
Acenaphthylene	2100		2100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	2100		2100	ug/Kg	100				70	125	
3-Nitroaniline	2100		1500	ug/Kg	71				30	99	
Acenaphthene	2100		2000	ug/Kg	95				70	121	
Total PAH	33600		30700	ug/Kg	91				70	121	
2,4-Dinitrophenol	4100		3600	ug/Kg	88				10	155	
4-Nitrophenol	4100		3100	ug/Kg	76				45	133	
Dibenzofuran	2100		2100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

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	4200		4300	ug/Kg	102				55	128	
2,4-Dinitrotoluene	2100		2200	ug/Kg	105				55	128	
Diethylphthalate	2100		2200	ug/Kg	105				70	112	
4-Chlorophenyl-phenylether	2100		2100	ug/Kg	100				71	108	
Fluorene	2100		2100	ug/Kg	100				68	116	
4-Nitroaniline	2100		2000	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	2100		2000	ug/Kg	95				10	160	
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105				73	118	
Azobenzene	2100		2100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2100		2100	ug/Kg	100				65	121	
Hexachlorobenzene	2100		2000	ug/Kg	95				67	118	
Atrazine	2100		2800	ug/Kg	133	*			79	127	
Pentachlorophenol	4100		2500	ug/Kg	61				47	128	
Phenanthrene	2100		2100	ug/Kg	100				52	128	
Anthracene	2100		2100	ug/Kg	100				62	124	
Carbazole	2100		2000	ug/Kg	95				59	119	
Di-n-butylphthalate	2100		2300	ug/Kg	110				69	118	
Fluoranthene	2100		1900	ug/Kg	90				44	125	
Benzidine	4100		2200	ug/Kg	54				10	119	
Pyrene	2100		1800	ug/Kg	86				26	142	
Butylbenzylphthalate	2100		2300	ug/Kg	110				64	126	
3,3-Dichlorobenzidine	2100		2000	ug/Kg	95				33	116	
Benzo(a)anthracene	2100		2000	ug/Kg	95				71	114	
Chrysene	2100		2100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	2100		2000	ug/Kg	95				42	169	
Di-n-octyl phthalate	2100		1900	ug/Kg	90				23	175	
Benzo(b)fluoranthene	2100		2100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	2100		2200	ug/Kg	105				57	134	
Benzo(a)pyrene	2100		2300	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	2100		1400	ug/Kg	67				40	129	
Dibenz(a,h)anthracene	2100		1400	ug/Kg	67				43	123	
Benzo(g,h,i)perylene	2100		1100	ug/Kg	52				24	125	
1,2,4,5-Tetrachlorobenzene	2100		2000	ug/Kg	95				69	124	
1,4-Dioxane	2100		1800	ug/Kg	86				46	112	
2,3,4,6-Tetrachlorophenol	2100		2000	ug/Kg	95				69	112	
1-Methylnaphthalene	2100		1900	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

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SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3573-05MSD		Client Sample ID: S-856-J-S0-1-1.5-080924MSD		DataFile: BF139039.D							
n-Nitrosodimethylamine	2100		2500	ug/Kg	119		8		66	124	20
Pyridine	2100		2000	ug/Kg	95		16		45	119	20
Benzaldehyde	2100		2200	ug/Kg	105	*	10		10	86	20
Aniline	2100		2200	ug/Kg	105	*	10		10	88	20
Phenol	2100		2200	ug/Kg	105		10		67	126	20
bis(2-Chloroethyl)ether	2100		2000	ug/Kg	95		5		54	125	20
2-Chlorophenol	2100		2300	ug/Kg	110	*	10		79	107	20
1,2-Dichlorobenzene	2100		2200	ug/Kg	105		10		61	105	20
1,3-Dichlorobenzene	2100		2100	ug/Kg	100		5		62	101	20
1,4-Dichlorobenzene	2100		2200	ug/Kg	105	*	10		63	104	20
Benzyl Alcohol	2100		2500	ug/Kg	119		13		47	126	20
2-Methylphenol	2100		2200	ug/Kg	105		10		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2100	ug/Kg	100		5		65	110	20
Acetophenone	2100		2200	ug/Kg	105		0		75	111	20
3+4-Methylphenols	2100		2300	ug/Kg	110	*	10		66	104	20
N-Nitroso-di-n-propylamine	2100		2300	ug/Kg	110		10		59	119	20
Hexachloroethane	2100		2200	ug/Kg	105		10		65	117	20
Nitrobenzene	2100		2100	ug/Kg	100		5		70	119	20
Isophorone	2100		2200	ug/Kg	105		5		76	122	20
2-Nitrophenol	2100		2200	ug/Kg	105		5		54	145	20
2,4-Dimethylphenol	2100		2600	ug/Kg	124		4		44	135	20
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100		5		68	112	20
2,4-Dichlorophenol	2100		2200	ug/Kg	105		5		72	118	20
1,2,4-Trichlorobenzene	2100		2000	ug/Kg	95		5		57	103	20
Benzoic acid	2100		1500	ug/Kg	71		14		50	104	20
Naphthalene	2100		2100	ug/Kg	100		5		72	110	20
4-Chloroaniline	2100		1300	ug/Kg	62		0		10	91	20
Hexachlorobutadiene	2100		2100	ug/Kg	100		5		66	114	20
Caprolactam	2100		2300	ug/Kg	110		5		51	134	20
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105		5		57	132	20
2-Methylnaphthalene	2100		2200	ug/Kg	105		5		59	123	20
Hexachlorocyclopentadiene	4100		4900	ug/Kg	120		11		10	175	20
2,4,6-Trichlorophenol	2100		2100	ug/Kg	100		11		72	117	20
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2100		2100	ug/Kg	100		5		75	113	20
2-Chloronaphthalene	2100		2100	ug/Kg	100		5		67	118	20
2-Nitroaniline	2100		2300	ug/Kg	110		5		69	127	20
Dimethylphthalate	2100		2300	ug/Kg	110		5		70	113	20
Acenaphthylene	2100		2300	ug/Kg	110		10		79	118	20
2,6-Dinitrotoluene	2100		2200	ug/Kg	105		5		70	125	20
3-Nitroaniline	2100		1600	ug/Kg	76		7		30	99	20
Acenaphthene	2100		2200	ug/Kg	105		10		70	121	20
Total PAH	33600		33100	ug/Kg	99		8		70	121	20
2,4-Dinitrophenol	4100		3900	ug/Kg	95		8		10	155	20
4-Nitrophenol	4100		3200	ug/Kg	78		3		45	133	20
Dibenzofuran	2100		2200	ug/Kg	105		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

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	4200		4500	ug/Kg	107		5		55	128	20
2,4-Dinitrotoluene	2100		2300	ug/Kg	110		5		55	128	20
Diethylphthalate	2100		2400	ug/Kg	114	*	8		70	112	20
4-Chlorophenyl-phenylether	2100		2200	ug/Kg	105		5		71	108	20
Fluorene	2100		2200	ug/Kg	105		5		68	116	20
4-Nitroaniline	2100		2100	ug/Kg	100		5		55	120	20
4,6-Dinitro-2-methylphenol	2100		2100	ug/Kg	100		5		10	160	20
N-Nitrosodiphenylamine	2100		2400	ug/Kg	114		8		73	118	20
Azobenzene	2100		2200	ug/Kg	105		5		73	110	20
4-Bromophenyl-phenylether	2100		2200	ug/Kg	105		5		65	121	20
Hexachlorobenzene	2100		2200	ug/Kg	105		10		67	118	20
Atrazine	2100		3000	ug/Kg	143	*	7		79	127	20
Pentachlorophenol	4100		2900	ug/Kg	71		15		47	128	20
Phenanthrene	2100		2300	ug/Kg	110		10		52	128	20
Anthracene	2100		2300	ug/Kg	110		10		62	124	20
Carbazole	2100		2100	ug/Kg	100		5		59	119	20
Di-n-butylphthalate	2100		2600	ug/Kg	124	*	12		69	118	20
Fluoranthene	2100		2000	ug/Kg	95		5		44	125	20
Benzdine	4100		2500	ug/Kg	61		12		10	119	20
Pyrene	2100		2000	ug/Kg	95		10		26	142	20
Butylbenzylphthalate	2100		2500	ug/Kg	119		8		64	126	20
3,3-Dichlorobenzidine	2100		2300	ug/Kg	110		15		33	116	20
Benzo(a)anthracene	2100		2300	ug/Kg	110		15		71	114	20
Chrysene	2100		2100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2300	ug/Kg	110		15		42	169	20
Di-n-octyl phthalate	2100		2100	ug/Kg	100		11		23	175	20
Benzo(b)fluoranthene	2100		2300	ug/Kg	110		10		67	121	20
Benzo(k)fluoranthene	2100		2400	ug/Kg	114		8		57	134	20
Benzo(a)pyrene	2100		2400	ug/Kg	114		4		70	142	20
Indeno(1,2,3-cd)pyrene	2100		1500	ug/Kg	71		6		40	129	20
Dibenz(a,h)anthracene	2100		1500	ug/Kg	71		6		43	123	20
Benzo(g,h,i)perylene	2100		1200	ug/Kg	57		9		24	125	20
1,2,4,5-Tetrachlorobenzene	2100		2100	ug/Kg	100		5		69	124	20
1,4-Dioxane	2100		1900	ug/Kg	90		5		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2000	ug/Kg	95		0		69	112	20
1-Methylnaphthalene	2100		2000	ug/Kg	95		5		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3574-01MS		Client Sample ID: WC-S-06-202408MS		DataFile: BF139021.D							
n-Nitrosodimethylamine	500		500	ug/L	100				10	130	
Pyridine	500		280	ug/L	56				10	109	
Benzaldehyde	500		260	ug/L	52				10	137	
Aniline	500		240	ug/L	48				10	130	
Phenol	500		400	ug/L	80				10	130	
bis(2-Chloroethyl)ether	500		430	ug/L	86				29	141	
2-Chlorophenol	500		440	ug/L	88				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		490	ug/L	98	*			31	94	
2-Methylphenol	500		440	ug/L	88				37	126	
2,2-oxybis(1-Chloropropane)	500		430	ug/L	86				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		460	ug/L	92				31	127	
N-Nitroso-di-n-propylamine	500		470	ug/L	94				36	147	
Hexachloroethane	500		430	ug/L	86				49	110	
Nitrobenzene	500		430	ug/L	86				62	112	
Isophorone	500		450	ug/L	90				39	146	
2-Nitrophenol	500		440	ug/L	88				30	148	
2,4-Dimethylphenol	500		550	ug/L	110				17	143	
bis(2-Chloroethoxy)methane	500		420	ug/L	84				39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		410	ug/L	82				66	110	
Benzoic acid	500		380	ug/L	76				10	101	
Naphthalene	500		430	ug/L	86				17	157	
4-Chloroaniline	500		180	ug/L	36				10	95	
Hexachlorobutadiene	500		440	ug/L	88				52	125	
Caprolactam	500		400	ug/L	80				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		450	ug/L	90				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		450	ug/L	90				78	112	
2,4,5-Trichlorophenol	500		460	ug/L	92				71	111	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		510	ug/L	102				39	151	
Dimethylphthalate	500		520	ug/L	104				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		490	ug/L	98				43	148	
3-Nitroaniline	500		260	ug/L	52				10	111	
Acenaphthene	500		470	ug/L	94				37	146	
Total PAH	8000		7640	ug/L	96				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		660	ug/L	66				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		510	ug/L	102				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1000	ug/L	100				50	142	
Diethylphthalate	500		510	ug/L	102				41	148	
4-Chlorophenyl-phenylether	500		480	ug/L	96				38	149	
Fluorene	500		500	ug/L	100				39	144	
4-Nitroaniline	500		430	ug/L	86				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		510	ug/L	102				40	150	
Azobenzene	500		490	ug/L	98				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		500	ug/L	100				72	115	
Atrazine	500		540	ug/L	108				20	162	
Pentachlorophenol	1000		850	ug/L	85				25	139	
Phenanthrene	500		510	ug/L	102				40	147	
Anthracene	500		530	ug/L	106				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		530	ug/L	106				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzidine	1000		210	ug/L	21				10	130	
Pyrene	500		470	ug/L	94				41	149	
Butylbenzylphthalate	500		550	ug/L	110				39	155	
3,3-Dichlorobenzidine	500		390	ug/L	78				10	114	
Benzo(a)anthracene	500		530	ug/L	106				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		530	ug/L	106				33	160	
Di-n-octyl phthalate	500		510	ug/L	102				36	158	
Benzo(b)fluoranthene	500		460	ug/L	92				40	150	
Benzo(k)fluoranthene	500		550	ug/L	110				40	147	
Benzo(a)pyrene	500		540	ug/L	108				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		420	ug/L	84				23	172	
Benzo(g,h,i)perylene	500		350	ug/L	70				27	167	
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92				89	102	
1,4-Dioxane	500		350	ug/L	70				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		430	ug/L	86				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3574-01MSD		Client Sample ID: WC-S-06-202408MSD		DataFile: BF139022.D							
n-Nitrosodimethylamine	500		570	ug/L	114		13		10	130	20
Pyridine	500		320	ug/L	64		13		10	109	20
Benzaldehyde	500		300	ug/L	60		14		10	137	20
Aniline	500		280	ug/L	56		15		10	130	20
Phenol	500		460	ug/L	92		14		10	130	20
bis(2-Chloroethyl)ether	500		480	ug/L	96		11		29	141	20
2-Chlorophenol	500		500	ug/L	100		13		23	127	20
1,2-Dichlorobenzene	500		480	ug/L	96		11		61	114	20
1,3-Dichlorobenzene	500		470	ug/L	94		14		65	106	20
1,4-Dichlorobenzene	500		480	ug/L	96		13		55	125	20
Benzyl Alcohol	500		550	ug/L	110	*	12		31	94	20
2-Methylphenol	500		490	ug/L	98		11		37	126	20
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98		13		36	141	20
Acetophenone	500		540	ug/L	108		16		31	164	20
3+4-Methylphenols	500		510	ug/L	102		10		31	127	20
N-Nitroso-di-n-propylamine	500		540	ug/L	108		14		36	147	20
Hexachloroethane	500		490	ug/L	98		13		49	110	20
Nitrobenzene	500		510	ug/L	102		17		62	112	20
Isophorone	500		540	ug/L	108		18		39	146	20
2-Nitrophenol	500		520	ug/L	104		17		30	148	20
2,4-Dimethylphenol	500		650	ug/L	130		17		17	143	20
bis(2-Chloroethoxy)methane	500		500	ug/L	100		17		39	143	20
2,4-Dichlorophenol	500		530	ug/L	106		14		22	146	20
1,2,4-Trichlorobenzene	500		480	ug/L	96		16		66	110	20
Benzoic acid	500		460	ug/L	92		19		10	101	20
Naphthalene	500		490	ug/L	98		13		17	157	20
4-Chloroaniline	500		180	ug/L	36		0		10	95	20
Hexachlorobutadiene	500		510	ug/L	102		15		52	125	20
Caprolactam	500		490	ug/L	98		20		10	130	20
4-Chloro-3-methylphenol	500		560	ug/L	112		15		17	148	20
2-Methylnaphthalene	500		530	ug/L	106		16		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		8		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		16		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		16		71	111	20
1,1-Biphenyl	500		530	ug/L	106		14		38	154	20
2-Chloronaphthalene	500		520	ug/L	104		14		41	145	20
2-Nitroaniline	500		590	ug/L	118		15		39	151	20
Dimethylphthalate	500		600	ug/L	120		14		42	147	20
Acenaphthylene	500		570	ug/L	114		13		40	141	20
2,6-Dinitrotoluene	500		560	ug/L	112		13		43	148	20
3-Nitroaniline	500		270	ug/L	54		4		10	111	20
Acenaphthene	500		560	ug/L	112		17		37	146	20
Total PAH	8000		8910	ug/L	111		14		37	146	20
2,4-Dinitrophenol	1000		1200	ug/L	120		9		14	167	20
4-Nitrophenol	1000		780	ug/L	78		17		10	130	20
Dibenzofuran	500		570	ug/L	114		15		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		580	ug/L	116		13		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1140	ug/L	114		13		50	142	20
Diethylphthalate	500		610	ug/L	122		18		41	148	20
4-Chlorophenyl-phenylether	500		570	ug/L	114		17		38	149	20
Fluorene	500		570	ug/L	114		13		39	144	20
4-Nitroaniline	500		510	ug/L	102		17		27	138	20
4,6-Dinitro-2-methylphenol	500		600	ug/L	120		16		32	175	20
N-Nitrosodiphenylamine	500		600	ug/L	120		16		40	150	20
Azobenzene	500		570	ug/L	114	*	15		72	112	20
4-Bromophenyl-phenylether	500		590	ug/L	118		19		42	151	20
Hexachlorobenzene	500		580	ug/L	116	*	15		72	115	20
Atrazine	500		610	ug/L	122		12		20	162	20
Pentachlorophenol	1000		970	ug/L	97		13		25	139	20
Phenanthrene	500		600	ug/L	120		16		40	147	20
Anthracene	500		620	ug/L	124		16		41	146	20
Carbazole	500		560	ug/L	112		13		37	154	20
Di-n-butylphthalate	500		630	ug/L	126		17		40	151	20
Fluoranthene	500		540	ug/L	108		16		42	146	20
Benzydine	1000		230	ug/L	23		9		10	130	20
Pyrene	500		560	ug/L	112		17		41	149	20
Butylbenzylphthalate	500		640	ug/L	128		15		39	155	20
3,3-Dichlorobenzidine	500		430	ug/L	86		10		10	114	20
Benzo(a)anthracene	500		590	ug/L	118		11		41	147	20
Chrysene	500		580	ug/L	116		15		44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		14		33	160	20
Di-n-octyl phthalate	500		590	ug/L	118		15		36	158	20
Benzo(b)fluoranthene	500		550	ug/L	110		18		40	150	20
Benzo(k)fluoranthene	500		650	ug/L	130		17		40	147	20
Benzo(a)pyrene	500		640	ug/L	128		17		42	147	20
Indeno(1,2,3-cd)pyrene	500		490	ug/L	98		15		30	166	20
Dibenz(a,h)anthracene	500		490	ug/L	98		15		23	172	20
Benzo(g,h,i)perylene	500		410	ug/L	82		16		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	12		89	102	20
1,4-Dioxane	500		400	ug/L	80		13		38	130	20
2,3,4,6-Tetrachlorophenol	500		590	ug/L	118	*	15		91	111	20
1-Methylnaphthalene	500		500	ug/L	100		15		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3475-01	S-866-N-S0-0-0.5-0BF139034.D		2-Fluorophenol	150	42.99	29		18	112
			Phenol-d6	150	45.67	30		15	107
			Nitrobenzene-d5	100	30.26	30		18	107
			2-Fluorobiphenyl	100	26.35	26		20	109
			2,4,6-Tribromophenol	150	45.65	30		10	116
			Terphenyl-d14	100	28.29	28		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3483-01	A	BF139043.D	2-Fluorophenol	150	91.35	61		18	112
			Phenol-d6	150	90.04	60		15	107
			Nitrobenzene-d5	100	66.75	67		18	107
			2-Fluorobiphenyl	100	63.40	63		20	109
			2,4,6-Tribromophenol	150	75.84	51		10	116
			Terphenyl-d14	100	49.95	50		10	105
P3485-01	C	BF139040.D	2-Fluorophenol	150	95.42	64		18	112
			Phenol-d6	150	95.08	63		15	107
			Nitrobenzene-d5	100	68.78	69		18	107
			2-Fluorobiphenyl	100	67.58	68		20	109
			2,4,6-Tribromophenol	150	89.36	60		10	116
			Terphenyl-d14	100	65.24	65		10	105
P3485-01MS	CMS	BF139041.D	2-Fluorophenol	150	96.38	64		18	112
			Phenol-d6	150	97.23	65		15	107
			Nitrobenzene-d5	100	66.69	67		18	107
			2-Fluorobiphenyl	100	66.44	66		20	109
			2,4,6-Tribromophenol	150	85.81	57		10	116
			Terphenyl-d14	100	64.38	64		10	105
P3485-01MSD	CMSD	BF139042.D	2-Fluorophenol	150	96.12	64		18	112
			Phenol-d6	150	96.32	64		15	107
			Nitrobenzene-d5	100	68.01	68		18	107
			2-Fluorobiphenyl	100	70.66	71		20	109
			2,4,6-Tribromophenol	150	88.35	59		10	116
			Terphenyl-d14	100	64.48	64		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3526-01	SP-1-COMP	BF139047.D	2-Fluorophenol	150	77.32	52		18	112
			Phenol-d6	150	77.97	52		15	107
			Nitrobenzene-d5	100	57.86	58		18	107
			2-Fluorobiphenyl	100	56.39	56		20	109
			2,4,6-Tribromophenol	150	61.32	41		10	116
			Terphenyl-d14	100	49.18	49		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3548-06RE	343RE	BF139045.D	2-Fluorophenol	150	70.07	47		18	112
			Phenol-d6	150	73.50	49		15	107
			Nitrobenzene-d5	100	47.48	47		18	107
			2-Fluorobiphenyl	100	36.72	37		20	109
			2,4,6-Tribromophenol	150	58.85	39		10	116
			Terphenyl-d14	100	28.86	29		10	105
P3548-12RE	IN-SITU-SOILRE	BF139046.D	2-Fluorophenol	150	72.12	48		18	112
			Phenol-d6	150	77.28	52		15	107
			Nitrobenzene-d5	100	50.65	51		18	107
			2-Fluorobiphenyl	100	43.52	44		20	109
			2,4,6-Tribromophenol	150	62.48	42		10	116
			Terphenyl-d14	100	34.89	35		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162588TB	PB162588TB	BF139017.D	2-Fluorophenol	150	125.73	84		10	139
			Phenol-d6	150	122.51	82		10	134
			Nitrobenzene-d5	100	83.61	84		49	133
			2-Fluorobiphenyl	100	82.66	83		52	132
			2,4,6-Tribromophenol	150	124.99	83		44	137
			Terphenyl-d14	100	104.28	104		48	125
PB162590TB	PB162590TB	BF139014.D	2-Fluorophenol	150	122.91	82		10	139
			Phenol-d6	150	119.37	80		10	134
			Nitrobenzene-d5	100	84.14	84		49	133
			2-Fluorobiphenyl	100	82.88	83		52	132
			2,4,6-Tribromophenol	150	128.78	86		44	137
			Terphenyl-d14	100	100.85	101		48	125

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162621TB	PB162621TB	BF139019.D	2-Fluorophenol	150	125.28	84		10	139
			Phenol-d6	150	122.74	82		10	134
			Nitrobenzene-d5	100	84.22	84		49	133
			2-Fluorobiphenyl	100	85.14	85		52	132
			2,4,6-Tribromophenol	150	128.81	86		44	137
			Terphenyl-d14	100	102.91	103		48	125

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3573-05	S-856-J-S0-1-1.5-08BF139037.D		2-Fluorophenol	150	95.62	64		18	112
			Phenol-d6	150	94.78	63		15	107
			Nitrobenzene-d5	100	63.42	63		18	107
			2-Fluorobiphenyl	100	62.33	62		20	109
			2,4,6-Tribromophenol	150	91.78	61		10	116
			Terphenyl-d14	100	66.63	67		10	105
P3573-05MS	S-856-J-S0-1-1.5-08BF139038.D		2-Fluorophenol	150	90.85	61		18	112
			Phenol-d6	150	91.17	61		15	107
			Nitrobenzene-d5	100	62.09	62		18	107
			2-Fluorobiphenyl	100	61.24	61		20	109
			2,4,6-Tribromophenol	150	88.98	59		10	116
			Terphenyl-d14	100	61.42	61		10	105
P3573-05MSD	S-856-J-S0-1-1.5-08BF139039.D		2-Fluorophenol	150	98.74	66		18	112
			Phenol-d6	150	98.51	66		15	107
			Nitrobenzene-d5	100	65.37	65		18	107
			2-Fluorobiphenyl	100	64.37	64		20	109
			2,4,6-Tribromophenol	150	94.34	63		10	116
			Terphenyl-d14	100	67.86	68		10	105
P3573-07	S-856-J-S0-1-1.5-2-08BF139035.D		2-Fluorophenol	150	83.55	56		18	112
			Phenol-d6	150	84.97	57		15	107
			Nitrobenzene-d5	100	58.25	58		18	107
			2-Fluorobiphenyl	100	57.08	57		20	109
			2,4,6-Tribromophenol	150	85.32	57		10	116
			Terphenyl-d14	100	57.54	58		10	105
P3573-09	S-856-J-S0-3-3.5-08BF139036.D		2-Fluorophenol	150	104.30	70		18	112
			Phenol-d6	150	102.05	68		15	107
			Nitrobenzene-d5	100	68.32	68		18	107
			2-Fluorobiphenyl	100	66.60	67		20	109
			2,4,6-Tribromophenol	150	101.09	67		10	116
			Terphenyl-d14	100	69.39	69		10	105
P3580-03	925-KI-SD-0-0.5-08BF139027.D		2-Fluorophenol	150	85.96	57		18	112
			Phenol-d6	150	85.58	57		15	107
			Nitrobenzene-d5	100	60.24	60		18	107
			2-Fluorobiphenyl	100	54.00	54		20	109
			2,4,6-Tribromophenol	150	86.05	57		10	116
			Terphenyl-d14	100	53.50	54		10	105
P3580-04	925-KI-SD-0.5-1-08BF139028.D		2-Fluorophenol	150	95.24	63		18	112
			Phenol-d6	150	95.53	64		15	107
			Nitrobenzene-d5	100	64.53	65		18	107
			2-Fluorobiphenyl	100	47.86	48		20	109
			2,4,6-Tribromophenol	150	81.02	54		10	116
			Terphenyl-d14	100	41.82	42		10	105
P3580-05	923-KI-SD-0-0.5-08BF139029.D		2-Fluorophenol	150	78.90	53		18	112
			Phenol-d6	150	78.10	52		15	107
			Nitrobenzene-d5	100	51.41	51		18	107
			2-Fluorobiphenyl	100	40.62	41		20	109
			2,4,6-Tribromophenol	150	72.98	49		10	116
			Terphenyl-d14	100	39.36	39		10	105
P3580-06	923-KI-SD-0.5-1-08BF139030.D		2-Fluorophenol	150	102.68	68		18	112

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3580-06	923-KI-SD-0.5-1-08BF139030.D		Phenol-d6	150	101.63	68		15	107
			Nitrobenzene-d5	100	66.99	67		18	107
			2-Fluorobiphenyl	100	61.41	61		20	109
			2,4,6-Tribromophenol	150	100.48	67		10	116
			Terphenyl-d14	100	61.22	61		10	105
P3580-07	922-KI-SD-0-0.5-08BF139031.D		2-Fluorophenol	150	73.16	49		18	112
			Phenol-d6	150	73.41	49		15	107
			Nitrobenzene-d5	100	51.55	52		18	107
			2-Fluorobiphenyl	100	49.53	50		20	109
			2,4,6-Tribromophenol	150	77.84	52		10	116
P3580-08	922-KI-SD-0.5-1-08BF139032.D		Terphenyl-d14	100	53.85	54		10	105
			2-Fluorophenol	150	106.06	71		18	112
			Phenol-d6	150	105.82	71		15	107
			Nitrobenzene-d5	100	72.85	73		18	107
			2-Fluorobiphenyl	100	65.86	66		20	109
PB162688BL	PB162688BL	BF139026.D	2,4,6-Tribromophenol	150	105.41	70		10	116
			Terphenyl-d14	100	73.39	73		10	105
			2-Fluorophenol	150	126.11	84		18	112
			Phenol-d6	150	120.82	81		15	107
			Nitrobenzene-d5	100	83.15	83		18	107
			2-Fluorobiphenyl	100	81.72	82		20	109
			2,4,6-Tribromophenol	150	126.40	84		10	116
			Terphenyl-d14	100	103.03	103		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3597-01	SP-1-COMP	BF139044.D	2-Fluorophenol	150	86.61	58		18	112
			Phenol-d6	150	86.57	58		15	107
			Nitrobenzene-d5	100	62.15	62		18	107
			2-Fluorobiphenyl	100	63.30	63		20	109
			2,4,6-Tribromophenol	150	74.31	50		10	116
			Terphenyl-d14	100	50.37	50		10	105
P3600-04	VCPS-B3-081324-CBF139033.D		2-Fluorophenol	150	94.98	63		18	112
			Phenol-d6	150	94.16	63		15	107
			Nitrobenzene-d5	100	67.29	67		18	107
			2-Fluorobiphenyl	100	60.35	60		20	109
			2,4,6-Tribromophenol	150	89.89	60		10	116
			Terphenyl-d14	100	57.97	58		10	105

Surrogate Summary

SW-846

SDG No.: **BF081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3574-01	WC-S-06-202408	BF139020.D	2-Fluorophenol	150	151.50	101		10	139
			Phenol-d6	150	143.10	95		10	134
			Nitrobenzene-d5	100	109.17	109		49	133
			2-Fluorobiphenyl	100	108.64	109		52	132
			2,4,6-Tribromophenol	150	177.60	118		44	137
			Terphenyl-d14	100	128.30	128	*	48	125
P3574-01MS	WC-S-06-202408MBF139021.D		2-Fluorophenol	150	122.92	82		10	139
			Phenol-d6	150	116.84	78		10	134
			Nitrobenzene-d5	100	89.03	89		49	133
			2-Fluorobiphenyl	100	92.92	93		52	132
			2,4,6-Tribromophenol	150	147.16	98		44	137
			Terphenyl-d14	100	109.86	110		48	125
P3574-01MSD	WC-S-06-202408MBF139022.D		2-Fluorophenol	150	138.88	93		10	139
			Phenol-d6	150	132.90	89		10	134
			Nitrobenzene-d5	100	104.14	104		49	133
			2-Fluorobiphenyl	100	107.96	108		52	132
			2,4,6-Tribromophenol	150	167.63	112		44	137
			Terphenyl-d14	100	128.33	128	*	48	125
P3574-02	WC-W-06-202408	BF139023.D	2-Fluorophenol	150	119.07	79		10	139
			Phenol-d6	150	108.76	73		10	134
			Nitrobenzene-d5	100	91.47	91		49	133
			2-Fluorobiphenyl	100	92.57	93		52	132
			2,4,6-Tribromophenol	150	161.14	107		44	137
			Terphenyl-d14	100	127.00	127	*	48	125
PB162682TB	PB162682TB	BF139016.D	2-Fluorophenol	150	155.86	104		10	139
			Phenol-d6	150	153.05	102		10	134
			Nitrobenzene-d5	100	109.84	110		49	133
			2-Fluorobiphenyl	100	108.85	109		52	132
			2,4,6-Tribromophenol	150	168.10	112		44	137
			Terphenyl-d14	100	135.04	135	*	48	125
PB162683TB	PB162683TB	BF139018.D	2-Fluorophenol	150	123.20	82		10	139
			Phenol-d6	150	119.72	80		10	134
			Nitrobenzene-d5	100	83.14	83		49	133
			2-Fluorobiphenyl	100	81.69	82		52	132
			2,4,6-Tribromophenol	150	123.22	82		44	137
			Terphenyl-d14	100	105.24	105		48	125
PB162727BL	PB162727BL	BF139013.D	2-Fluorophenol	150	124.89	83		10	139
			Phenol-d6	150	122.28	82		10	134
			Nitrobenzene-d5	100	82.08	82		49	133
			2-Fluorobiphenyl	100	81.48	81		52	132
			2,4,6-Tribromophenol	150	125.71	84		44	137
			Terphenyl-d14	100	103.06	103		48	125
PB162727BS	PB162727BS	BF139015.D	2-Fluorophenol	150	133.49	89		10	139
			Phenol-d6	150	130.32	87		10	134
			Nitrobenzene-d5	100	87.86	88		49	133
			2-Fluorobiphenyl	100	86.85	87		52	132
			2,4,6-Tribromophenol	150	134.81	90		44	137
			Terphenyl-d14	100	101.79	102		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081524

Lab Code: CHEM

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139011.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139012.D	08/15/2024	09:47
PB162727BL	PB162727BL	BF139013.D	08/15/2024	10:16
PB162590TB	PB162590TB	BF139014.D	08/15/2024	10:46
PB162727BS	PB162727BS	BF139015.D	08/15/2024	11:15
PB162682TB	PB162682TB	BF139016.D	08/15/2024	11:45
PB162588TB	PB162588TB	BF139017.D	08/15/2024	12:15
PB162683TB	PB162683TB	BF139018.D	08/15/2024	12:45
PB162621TB	PB162621TB	BF139019.D	08/15/2024	13:16
WC-S-06-202408	P3574-01	BF139020.D	08/15/2024	13:51
WC-S-06-202408MS	P3574-01MS	BF139021.D	08/15/2024	14:22
WC-S-06-202408MSD	P3574-01MSD	BF139022.D	08/15/2024	14:52
WC-W-06-202408	P3574-02	BF139023.D	08/15/2024	15:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081524

Lab Code: CHEM

SAS No.: BF081524 SDG NO.: BF081524

Lab File ID: BF139024.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_F

DFTPP Injection Time: 16:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	39.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.6 (19.1) 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	BF139025.D	08/15/2024	16:31
PB162688BL	PB162688BL	BF139026.D	08/15/2024	17:03
925-KI-SD-0-0.5-081224	P3580-03	BF139027.D	08/15/2024	17:37
925-KI-SD-0.5-1-081224	P3580-04	BF139028.D	08/15/2024	18:08
923-KI-SD-0-0.5-081224	P3580-05	BF139029.D	08/15/2024	18:40
923-KI-SD-0.5-1-081224	P3580-06	BF139030.D	08/15/2024	19:11
922-KI-SD-0-0.5-081224	P3580-07	BF139031.D	08/15/2024	19:41
922-KI-SD-0.5-1-081224	P3580-08	BF139032.D	08/15/2024	20:12
VCPS-B3-081324-0-10	P3600-04	BF139033.D	08/15/2024	20:44
S-866-N-S0-0-0.5-080524	P3475-01	BF139034.D	08/15/2024	21:14
S-856-J-S0-1.5-2-080924	P3573-07	BF139035.D	08/15/2024	21:45
S-856-J-S0-3-3.5-080924	P3573-09	BF139036.D	08/15/2024	22:16
S-856-J-S0-1-1.5-080924	P3573-05	BF139037.D	08/15/2024	22:47
S-856-J-S0-1-1.5-080924MS	P3573-05MS	BF139038.D	08/15/2024	23:17
S-856-J-S0-1-1.5-080924MSD	P3573-05MSD	BF139039.D	08/15/2024	23:47
C	P3485-01	BF139040.D	08/16/2024	00:18
CMS	P3485-01MS	BF139041.D	08/16/2024	00:48
CMSD	P3485-01MSD	BF139042.D	08/16/2024	01:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081524

Lab Code: CHEM

SAS No.: BF081524

SDG NO.: BF081524

Lab File ID: BF139024.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_F

DFTPP Injection Time: 16:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	39.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.6 (19.1) 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
A	P3483-01	BF139043.D	08/16/2024	01:49
SP-1-COMP	P3597-01	BF139044.D	08/16/2024	02:19
343RE	P3548-06RE	BF139045.D	08/16/2024	02:49
IN-SITU-SOILRE	P3548-12RE	BF139046.D	08/16/2024	03:20
SP-1-COMP	P3526-01	BF139047.D	08/16/2024	03:50