

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082224 SAS No.: BP082224 SDG No.: BP082224

Instrument ID: BNA_P Calibration Date/Time: 8/22/2024 1:10:09

Lab File ID: BP021607.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.536	0.506		-5.597	
Pyridine	1.783	1.583		-11.217	
2-Fluorophenol	1.347	1.382		2.598	
Benzaldehyde	1.258	1.141		-9.3	
Aniline	1.964	1.798		-8.452	
Phenol-d6	1.965	1.978		0.662	
Phenol	2.035	2.000		-1.72	20.0
bis(2-Chloroethyl)ether	1.722	1.568		-8.943	
2-Chlorophenol	1.245	1.324		6.345	
1,2-Dichlorobenzene	1.439	1.418		-1.459	
1,3-Dichlorobenzene	1.479	1.466		-0.879	
1,4-Dichlorobenzene	1.493	1.487		-0.402	20.0
Benzyl Alcohol	1.410	1.351		-4.184	
2-Methylphenol	1.286	1.308		1.711	
2,2-oxybis(1-Chloropropane)	1.585	1.453		-8.328	
Acetophenone	0.614	0.580		-5.537	
3+4-Methylphenols	1.734	1.847		6.517	
n-Nitroso-di-n-propylamine	1.357	1.161	0.050	-14.444	
Nitrobenzene-d5	0.387	0.422		9.044	
Hexachloroethane	0.599	0.599		0.0	
Nitrobenzene	0.421	0.428		1.663	
Isophorone	0.915	0.799		-12.678	
2-Nitrophenol	0.086	0.162		88.372	20.0
2,4-Dimethylphenol	0.226	0.227		0.442	
bis(2-Chloroethoxy)methane	0.559	0.508		-9.123	
2,4-Dichlorophenol	0.267	0.300		12.36	20.0
1,2,4-Trichlorobenzene	0.342	0.328		-4.094	
Benzoic acid	0.137	0.271		97.81	
Naphthalene	1.045	1.023		-2.105	
4-Chloroaniline	0.392	0.403		2.806	
Hexachlorobutadiene	0.215	0.203		-5.581	20.0
Caprolactam	0.111	0.131		18.018	
4-Chloro-3-methylphenol	0.370	0.412		11.351	20.0
2-Methylnaphthalene	0.713	0.707		-0.842	
Hexachlorocyclopentadiene	0.186	0.176	0.050	-5.376	
2,4,6-Trichlorophenol	0.326	0.368		12.883	20.0
2-Fluorobiphenyl	1.310	1.233		-5.878	
2,4,5-Trichlorophenol	0.362	0.424		17.127	
1,1-Biphenyl	1.415	1.353		-4.382	

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Lab File ID: BP021607.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.060		-3.811	
2-Nitroaniline	0.256	0.360		40.625	
Dimethylphthalate	1.339	1.384		3.361	
Acenaphthylene	1.619	1.602		-1.05	
2,6-Dinitrotoluene	0.232	0.315		35.776	
3-Nitroaniline	0.228	0.332		45.614	
Acenaphthene	1.063	1.108		4.233	20.0
2,4-Dinitrophenol	0.069	0.151	0.050	118.841	
4-Nitrophenol	0.195	0.300	0.050	53.846	
Dibenzofuran	1.635	1.616		-1.162	
2,4-Dinitrotoluene	0.284	0.446		57.042	
Diethylphthalate	1.374	1.430		4.076	
4-Chlorophenyl-phenylether	0.694	0.665		-4.179	
Fluorene	1.343	1.319		-1.787	
4-Nitroaniline	0.241	0.356		47.718	
4,6-Dinitro-2-methylphenol	0.054	0.099		83.333	
n-Nitrosodiphenylamine	0.536	0.501		-6.53	20.0
Azobenzene	1.689	1.511		-10.539	
2,4,6-Tribromophenol	0.223	0.273		22.422	
4-Bromophenyl-phenylether	0.212	0.198		-6.604	
Hexachlorobenzene	0.250	0.236		-5.6	
Atrazine	0.184	0.161		-12.5	
Pentachlorophenol	0.137	0.168		22.628	20.0
Phenanthrene	0.962	0.941		-2.183	
Anthracene	0.943	0.926		-1.803	
Carbazole	0.909	0.948		4.29	
Di-n-butylphthalate	1.116	1.173		5.108	
Fluoranthene	1.180	1.250		5.932	20.0
Benzidine	0.420	0.475		13.095	
Pyrene	1.307	1.233		-5.662	
Terphenyl-d14	1.029	0.933		-9.329	
Butylbenzylphthalate	0.437	0.535		22.426	
3,3-Dichlorobenzidine	0.403	0.444		10.174	
Benzo(a)anthracene	1.256	1.216		-3.185	
Chrysene	1.185	1.172		-1.097	
Bis(2-ethylhexyl)phthalate	0.742	0.818		10.243	
Di-n-octyl phthalate	1.199	1.433		19.516	20.0
Benzo(b)fluoranthene	1.149	1.148		-0.087	
Benzo(k)fluoranthene	1.121	1.085		-3.211	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP082224 SAS No.: BP082224 SDG No.: BP082224

Instrument ID: BNA_P Calibration Date/Time: 8/22/2024 1:10:09

Lab File ID: BP021607.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.003		0.602	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.280		-1.235	
Dibenzo(a,h)anthracene	1.077	1.051		-2.414	
Benzo(g,h,i)perylene	1.080	1.071		-0.833	
1,2,4,5-Tetrachlorobenzene	0.586	0.550		-6.143	
1,4-Dioxane	0.639	0.577		-9.703	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.371		20.847	
1-Methylnaphthalene	0.703	0.697		-0.853	

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.: BP082224 SAS No.: BP082224 SDG No.: BP082224
Instrument ID: BNA_P Calibration Date/Time: 8/22/2024 1: 20:49
Lab File ID: BP021622.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.536	0.424		-20.896	50.0
Pyridine	1.783	1.301		-27.033	50.0
2-Fluorophenol	1.347	1.172		-12.992	50.0
Benzaldehyde	1.258	1.250		-0.636	50.0
Aniline	1.964	1.466		-25.356	50.0
Phenol-d6	1.965	1.639		-16.59	50.0
Phenol	2.035	1.663		-18.28	50.0
bis(2-Chloroethyl) ether	1.722	1.293		-24.913	50.0
2-Chlorophenol	1.245	1.114		-10.522	50.0
1,2-Dichlorobenzene	1.439	1.198		-16.748	50.0
1,3-Dichlorobenzene	1.479	1.248		-15.619	50.0
1,4-Dichlorobenzene	1.493	1.254		-16.008	50.0
Benzyl Alcohol	1.410	1.126		-20.142	50.0
2-Methylphenol	1.286	1.085		-15.63	50.0
2,2-oxybis(1-Chloropropane)	1.585	1.195		-24.606	50.0
Acetophenone	0.614	0.489		-20.358	50.0
3+4-Methylphenols	1.734	1.511		-12.86	50.0
n-Nitroso-di-n-propylamine	1.357	0.920	0.050	-32.203	50.0
Nitrobenzene-d5	0.387	0.359		-7.235	50.0
Hexachloroethane	0.599	0.508		-15.192	50.0
Nitrobenzene	0.421	0.362		-14.014	50.0
Isophorone	0.915	0.663		-27.541	50.0
2-Nitrophenol	0.086	0.140		62.791	50.0
2,4-Dimethylphenol	0.226	0.193		-14.602	50.0
bis(2-Chloroethoxy) methane	0.559	0.428		-23.435	50.0
2,4-Dichlorophenol	0.267	0.256		-4.12	50.0
1,2,4-Trichlorobenzene	0.342	0.287		-16.082	50.0
Benzoic acid	0.137	0.238		73.723	50.0
Naphthalene	1.045	0.870		-16.746	50.0
4-Chloroaniline	0.392	0.326		-16.837	50.0
Hexachlorobutadiene	0.215	0.181		-15.814	50.0
Caprolactam	0.111	0.103		-7.207	50.0
4-Chloro-3-methylphenol	0.370	0.337		-8.919	50.0
2-Methylnaphthalene	0.713	0.593		-16.83	50.0
Hexachlorocyclopentadiene	0.186	0.158	0.050	-15.054	50.0
2,4,6-Trichlorophenol	0.326	0.322		-1.227	50.0
2-Fluorobiphenyl	1.310	1.045		-20.229	50.0
2,4,5-Trichlorophenol	0.362	0.360		-0.552	50.0
1,1-Biphenyl	1.415	1.172		-17.173	50.0

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Lab File ID: BP021622.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	0.920		-16.515	50.0
2-Nitroaniline	0.256	0.304		18.75	50.0
Dimethylphthalate	1.339	1.126		-15.907	50.0
Acenaphthylene	1.619	1.353		-16.43	50.0
2,6-Dinitrotoluene	0.232	0.261		12.5	50.0
3-Nitroaniline	0.228	0.272		19.298	50.0
Acenaphthene	1.063	0.909		-14.487	50.0
2,4-Dinitrophenol	0.069	0.095	0.050	37.681	50.0
4-Nitrophenol	0.195	0.236	0.050	21.026	50.0
Dibenzofuran	1.635	1.353		-17.248	50.0
2,4-Dinitrotoluene	0.284	0.367		29.225	50.0
Diethylphthalate	1.374	1.181		-14.047	50.0
4-Chlorophenyl-phenylether	0.694	0.551		-20.605	50.0
Fluorene	1.343	1.096		-18.392	50.0
4-Nitroaniline	0.241	0.285		18.257	50.0
4,6-Dinitro-2-methylphenol	0.054	0.068		25.926	50.0
n-Nitrosodiphenylamine	0.536	0.436		-18.657	50.0
Azobenzene	1.689	1.239		-26.643	50.0
2,4,6-Tribromophenol	0.223	0.223		0.0	50.0
4-Bromophenyl-phenylether	0.212	0.170		-19.811	50.0
Hexachlorobenzene	0.250	0.203		-18.8	50.0
Atrazine	0.184	0.110		-40.217	50.0
Pentachlorophenol	0.137	0.142		3.65	50.0
Phenanthrene	0.962	0.796		-17.256	50.0
Anthracene	0.943	0.779		-17.391	50.0
Carbazole	0.909	0.781		-14.081	50.0
Di-n-butylphthalate	1.116	0.967		-13.351	50.0
Fluoranthene	1.180	1.009		-14.492	50.0
Benzidine	0.420	0.205		-51.19	50.0
Pyrene	1.307	1.127		-13.772	50.0
Terphenyl-d14	1.029	0.837		-18.659	50.0
Butylbenzylphthalate	0.437	0.491		12.357	50.0
3,3-Dichlorobenzidine	0.403	0.385		-4.467	50.0
Benzo(a)anthracene	1.256	1.065		-15.207	50.0
Chrysene	1.185	0.994		-16.118	50.0
Bis(2-ethylhexyl)phthalate	0.742	0.736		-0.809	50.0
Di-n-octyl phthalate	1.199	1.268		5.755	50.0
Benzo(b)fluoranthene	1.149	0.972		-15.405	50.0
Benzo(k)fluoranthene	1.121	0.907		-19.09	50.0

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GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	0.848		-14.945	50.0
Indeno(1,2,3-cd)pyrene	1.296	1.103		-14.892	50.0
Dibenzo(a,h)anthracene	1.077	0.901		-16.342	50.0
Benzo(g,h,i)perylene	1.080	0.915		-15.278	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.485		-17.235	50.0
1,4-Dioxane	0.639	0.465		-27.23	50.0
2,3,4,6-Tetrachlorophenol	0.307	0.310		0.977	50.0
1-Methylnaphthalene	0.703	0.580		-17.496	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	PB162876BL	SDG No.:	BP082224
Lab Sample ID:	PB162876BL	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
BP021608.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	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:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	PB162876BL	SDG No.:	BP082224
Lab Sample ID:	PB162876BL	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
BP021608.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

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

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	PB162876BL	SDG No.:	BP082224
Lab Sample ID:	PB162876BL	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
BP021608.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	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	151.641		18-112		101	SPK: -150
13127-88-3	Phenol-d6	138.592		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	108.686	*	18-107		109	SPK: -100
321-60-8	2-Fluorobiphenyl	95.855		20-109		96	SPK: -100

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	PB162876BL	SDG No.:	BP082224
Lab Sample ID:	PB162876BL	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
BP021608.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	195.446	*	10-116		130	SPK: -150
1718-51-0	Terphenyl-d14	92.155		10-105		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294007	7.804				
1146-65-2	Naphthalene-d8	1139317	10.586				
15067-26-2	Acenaphthene-d10	719256	14.451				
1517-22-2	Phenanthrene-d10	1752028	17.257				
1719-03-5	Chrysene-d12	2039178	21.715				
1520-96-3	Perylene-d12	2215401	25.156				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.94	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BP082224
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021609.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BP082224
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021609.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BP082224
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021609.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.485		18-112		93	SPK: -150
13127-88-3	Phenol-d6	128.058		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	99.764		18-107		100	SPK: -100
321-60-8	2-Fluorobiphenyl	87.882		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BP082224
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021609.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	175.892	*	10-116		117	SPK: -150
1718-51-0	Terphenyl-d14	89.102		10-105		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290745	7.805				
1146-65-2	Naphthalene-d8	1124987	10.587				
15067-26-2	Acenaphthene-d10	726278	14.445				
1517-22-2	Phenanthrene-d10	1754800	17.263				
1719-03-5	Chrysene-d12	1947306	21.716				
1520-96-3	Perylene-d12	2180549	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.94	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BP082224
Lab Sample ID:	PB162379BS	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
BP021610.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	1300		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	2100		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	2300		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1300		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BP082224
Lab Sample ID:	PB162379BS	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
BP021610.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	2000		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1700		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81	130	170	ug/Kg
Total PAH	Total PAH	27000		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	4300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	2100		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BP082224
Lab Sample ID:	PB162379BS	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
BP021610.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	1500		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.669		18-112		88	SPK: -150
13127-88-3	Phenol-d6	127.469		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	93.444		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	82.434		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BP082224
Lab Sample ID:	PB162379BS	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
BP021610.D	1	7/31/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	160.357		10-116		107	SPK: -150
1718-51-0	Terphenyl-d14	87.493		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300018	7.799				
1146-65-2	Naphthalene-d8	1213667	10.593				
15067-26-2	Acenaphthene-d10	825465	14.451				
1517-22-2	Phenanthrene-d10	1869995	17.263				
1719-03-5	Chrysene-d12	1887514	21.716				
1520-96-3	Perylene-d12	2236788	25.151				

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021611.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

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

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021611.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.5	U	94.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	5480	U	1689.8	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:				Date Collected:	8/19/2024 12:00:00 AM	
Project:				Date Received:	8/19/2024 12:00:00 AM	
Client Sample ID:	S-905-KJ-SO-0-0.5-081924			SDG No.:	BP082224	
Lab Sample ID:	P3671-06			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21.8	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021611.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.8	U	98.8	340	420	ug/Kg
85-01-8	Phenanthrene	750		110	170	220	ug/Kg
120-12-7	Anthracene	160	J	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	1100		100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	830		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	450		100	170	220	ug/Kg
218-01-9	Chrysene	460		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	460		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		99.8	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.4	U	95.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.057		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.687		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	61.158		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	42.711		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021611.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.905		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	39.572		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	333595	7.804				
1146-65-2	Naphthalene-d8	1347155	10.587				
15067-26-2	Acenaphthene-d10	908710	14.439				
1517-22-2	Phenanthrene-d10	2015238	17.245				
1719-03-5	Chrysene-d12	2006773	21.721				
1520-96-3	Perylene-d12	2308445	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			3.034	
000057-55-6	Propylene Glycol	120	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.328	
000057-10-3	n-Hexadecanoic acid	180	J			18.204	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.357	
035599-83-8	Tetradecane, 1,1-thiobis-	120	J			21.386	
	unknown23.951	220	J			23.951	
000192-97-2	Benzo[e]pyrene	340	J			24.845	



Client:				Date Collected:	8/19/2024 12:00:00 AM	
Project:				Date Received:	8/19/2024 12:00:00 AM	
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD			SDG No.:	BP082224	
Lab Sample ID:	P3671-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	23.4	
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021612.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.5	U	52.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.3	U	98.3	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021612.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	4790	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021612.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	290		110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	820		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	710		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	540		110	170	220	ug/Kg
218-01-9	Chrysene	500		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	530		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		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	250		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.3	U	97.3	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.961		18-112		57	SPK: -150
13127-88-3	Phenol-d6	84.005		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.765		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	38.108		20-109		38	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021612.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.8		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	40.014		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	345383	7.799				
1146-65-2	Naphthalene-d8	1403128	10.587				
15067-26-2	Acenaphthene-d10	909066	14.451				
1517-22-2	Phenanthrene-d10	1936346	17.245				
1719-03-5	Chrysene-d12	1922277	21.716				
1520-96-3	Perylene-d12	2252156	25.139				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			3.028	
000057-55-6	Propylene Glycol	130	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.334	
000057-10-3	n-Hexadecanoic acid	130	J			18.198	
	unknown21.374	120	J			21.374	
	unknown23.939	250	J			23.939	
000192-97-2	Benzo[e]pyrene	390	J			24.833	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	65
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
BP021613.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	250	U	250	770	940	ug/Kg
110-86-1	Pyridine	230	U	230	370	490	ug/Kg
100-52-7	Benzaldehyde	520	U	520	770	940	ug/Kg
62-53-3	Aniline	280	U	280	370	490	ug/Kg
108-95-2	Phenol	240	U	240	370	490	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	240	U	240	370	490	ug/Kg
95-57-8	2-Chlorophenol	240	U	240	370	490	ug/Kg
95-50-1	1,2-Dichlorobenzene	240	U	240	370	490	ug/Kg
541-73-1	1,3-Dichlorobenzene	250	U	250	370	490	ug/Kg
106-46-7	1,4-Dichlorobenzene	250	U	250	370	490	ug/Kg
100-51-6	Benzyl Alcohol	240	U	240	770	940	ug/Kg
95-48-7	2-Methylphenol	230	U	230	370	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	260	U	260	370	490	ug/Kg
98-86-2	Acetophenone	250	U	250	370	490	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	770	940	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	230	230	ug/Kg
67-72-1	Hexachloroethane	240	U	240	370	490	ug/Kg
98-95-3	Nitrobenzene	260	U	260	370	490	ug/Kg
78-59-1	Isophorone	240	U	240	370	490	ug/Kg
88-75-5	2-Nitrophenol	270	U	270	370	490	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	370	490	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	250	U	250	370	490	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	370	490	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	240	U	240	370	490	ug/Kg
65-85-0	Benzoic acid	680	U	680	770	940	ug/Kg
91-20-3	Naphthalene	240	U	240	370	490	ug/Kg
106-47-8	4-Chloroaniline	240	U	240	370	490	ug/Kg
87-68-3	Hexachlorobutadiene	240	U	240	370	490	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	65
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
BP021613.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	250	U	250	770	940	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220	U	220	370	490	ug/Kg
91-57-6	2-Methylnaphthalene	240	U	240	370	490	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450	U	450	770	940	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	200	370	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	210	U	210	370	490	ug/Kg
92-52-4	1,1-Biphenyl	250	U	250	370	490	ug/Kg
91-58-7	2-Chloronaphthalene	240	U	240	370	490	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	370	490	ug/Kg
131-11-3	Dimethylphthalate	230	U	230	370	490	ug/Kg
208-96-8	Acenaphthylene	250	U	250	370	490	ug/Kg
606-20-2	2,6-Dinitrotoluene	240	U	240	370	490	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	370	490	ug/Kg
83-32-9	Acenaphthene	230	U	230	370	490	ug/Kg
Total PAH	Total PAH	3790	U	3790	370	7840	ug/Kg
51-28-5	2,4-Dinitrophenol	690	U	690	770	940	ug/Kg
100-02-7	4-Nitrophenol	330	U	330	770	940	ug/Kg
132-64-9	Dibenzofuran	240	U	240	370	490	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	490	U	490	370	980	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	370	490	ug/Kg
84-66-2	Diethylphthalate	230	U	230	370	490	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	370	490	ug/Kg
86-73-7	Fluorene	240	U	240	370	490	ug/Kg
100-01-6	4-Nitroaniline	310	U	310	370	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	770	940	ug/Kg
86-30-6	n-Nitrosodiphenylamine	230	U	230	370	490	ug/Kg
103-33-3	Azobenzene	230	U	230	370	490	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	370	490	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	370	490	ug/Kg
1912-24-9	Atrazine	260	U	260	370	490	ug/Kg



Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	65
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			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
BP021613.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	220	U	220	770	940	ug/Kg
85-01-8	Phenanthrene	240	U	240	370	490	ug/Kg
120-12-7	Anthracene	240	U	240	370	490	ug/Kg
86-74-8	Carbazole	230	U	230	370	490	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	370	490	ug/Kg
206-44-0	Fluoranthene	410	J	230	370	490	ug/Kg
92-87-5	Benzidine	470	U	470	770	940	ug/Kg
129-00-0	Pyrene	350	J	240	370	490	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	280	370	490	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	770	940	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	370	490	ug/Kg
218-01-9	Chrysene	240	J	230	370	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	370	490	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	310	770	940	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	230	370	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	U	240	370	490	ug/Kg
50-32-8	Benzo(a)pyrene	270	U	270	370	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	370	490	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	370	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	370	490	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	250	370	490	ug/Kg
123-91-1	1,4-Dioxane	310	U	310	370	490	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	370	490	ug/Kg
90-12-0	1-Methylnaphthalene	240	U	240	490	490	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.47		18-112		46	SPK: -150
13127-88-3	Phenol-d6	69.404		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	52.884		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	41.189		20-109		41	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	65
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
BP021613.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.379		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	37.68		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	356018	7.799				
1146-65-2	Naphthalene-d8	1427733	10.587				
15067-26-2	Acenaphthene-d10	917752	14.451				
1517-22-2	Phenanthrene-d10	2066502	17.257				
1719-03-5	Chrysene-d12	2032283	21.721				
1520-96-3	Perylene-d12	2350318	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3900	J			3.028	
000057-55-6	Propylene Glycol	260	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	A			4.94	
000470-82-6	Eucalyptol	1500	J			8.116	
000770-35-4	1-Phenoxypropan-2-ol	330	J			11.328	
	unknown17.469	280	J			17.469	
002649-64-1	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	440	J			18.045	
	unknown18.186	430	J			18.186	
000057-10-3	n-Hexadecanoic acid	550	J			18.216	
074685-29-3	9-Eicosene, (E)-	230	J			20.304	
018992-03-5	Bromoacetic acid, octadecyl ester	1500	J			21.392	
002004-39-9	1-Heptacosanol	3000	J			22.686	
067860-04-2	Oxirane, heptadecyl-	360	J			23.821	
014739-72-1	Heneicosane, 11-pentyl-	1700	J			24.345	
000506-51-4	n-Tetracosanol-1	2000	J			24.398	
1000376-70-0	Heptadecanal	280	J			25.956	
007225-64-1	Heptadecane, 9-octyl-	1100	J			26.68	
000557-61-9	Octacosanol	1700	J			26.786	
000124-25-4	Tetradecanal	270	J			29.009	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	BP082224
Lab Sample ID:	P3671-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	65
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
BP021613.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000661-19-8	Behenic alcohol	1700	J			30.203	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021614.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	140	U	140	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.4	U	56.4	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021614.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	640		110	180	240	ug/Kg
Total PAH	Total PAH	37670		1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	420		120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	790		120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021614.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	6100	E	120	180	240	ug/Kg
120-12-7	Anthracene	1800		120	180	240	ug/Kg
86-74-8	Carbazole	920		110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	5900	E	110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	5300	E	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	3000		110	180	240	ug/Kg
218-01-9	Chrysene	3100		110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	2800		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440		110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.784		18-112		45	SPK: -150
13127-88-3	Phenol-d6	68.563		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	48.825		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	32.457		20-109		32	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021614.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.478		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	31.335		10-105		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316478	7.799				
1146-65-2	Naphthalene-d8	1338301	10.587				
15067-26-2	Acenaphthene-d10	940435	14.451				
1517-22-2	Phenanthrene-d10	2172341	17.257				
1719-03-5	Chrysene-d12	1951332	21.733				
1520-96-3	Perylene-d12	2313524	25.156				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			3.028	
001730-37-6	9H-Fluorene, 1-methyl-	140	J			16.545	
000486-25-9	9H-Fluoren-9-one	140	J			16.898	
000132-65-0	Dibenzothiophene	360	J			17.075	
000260-94-6	Acridine	170	J			17.463	
000613-12-7	Anthracene, 2-methyl-	410	J			18.174	
002531-84-2	Phenanthrene, 2-methyl-	730	J			18.222	
000610-48-0	Anthracene, 1-methyl-	210	J			18.31	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.375	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	190	J			18.41	
000612-94-2	Naphthalene, 2-phenyl-	380	J			18.692	
000084-65-1	9,10-Anthracenedione	370	J			18.727	
000781-43-1	9,10-Dimethylanthracene	200	J			19.127	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.269	
033543-31-6	Fluoranthene, 2-methyl-	170	J			20.286	
000243-17-4	11H-Benzo[b]fluorene	150	J			20.398	
027208-37-3	Cyclopenta[cd]pyrene	160	J			21.38	
000192-97-2	Benzo[e]pyrene	510	J			24.339	
000198-55-0	Perylene	2100	J			24.851	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021614.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000205-82-3	Benzo[<i>j</i>]fluoranthene	730	J			25.233	

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP082224
Lab Sample ID:	P3689-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021615.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62	U	62	190	240	ug/Kg
110-86-1	Pyridine	57.1	U	57.1	92.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.3	U	69.3	92.9	120	ug/Kg
108-95-2	Phenol	59.2	U	59.2	92.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.8	U	59.8	92.9	120	ug/Kg
95-57-8	2-Chlorophenol	59.7	U	59.7	92.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.5	U	60.5	92.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.5	U	61.5	92.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.8	U	61.8	92.9	120	ug/Kg
100-51-6	Benzyl Alcohol	59.3	U	59.3	190	240	ug/Kg
95-48-7	2-Methylphenol	57.6	U	57.6	92.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	92.9	120	ug/Kg
98-86-2	Acetophenone	62.1	U	62.1	92.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	57	U	57	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.8	U	28.8	57.2	57.2	ug/Kg
67-72-1	Hexachloroethane	59.3	U	59.3	92.9	120	ug/Kg
98-95-3	Nitrobenzene	64.9	U	64.9	92.9	120	ug/Kg
78-59-1	Isophorone	60.5	U	60.5	92.9	120	ug/Kg
88-75-5	2-Nitrophenol	67.5	U	67.5	92.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.6	U	66.6	92.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.3	U	61.3	92.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	92.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61	U	61	92.9	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59	U	59	92.9	120	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	92.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.5	U	59.5	92.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP082224
Lab Sample ID:	P3689-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021615.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62	U	62	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.4	U	55.4	92.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	92.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	92.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.9	U	52.9	92.9	120	ug/Kg
92-52-4	1,1-Biphenyl	62.5	U	62.5	92.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.5	U	59.5	92.9	120	ug/Kg
88-74-4	2-Nitroaniline	67.9	U	67.9	92.9	120	ug/Kg
131-11-3	Dimethylphthalate	58.4	U	58.4	92.9	120	ug/Kg
208-96-8	Acenaphthylene	61.8	U	61.8	92.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.5	U	59.5	92.9	120	ug/Kg
99-09-2	3-Nitroaniline	63.8	U	63.8	92.9	120	ug/Kg
83-32-9	Acenaphthene	58	U	58	92.9	120	ug/Kg
Total PAH	Total PAH	946.9	U	946.9	92.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	82.9	U	82.9	190	240	ug/Kg
132-64-9	Dibenzofuran	60.3	U	60.3	92.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.6	U	61.6	92.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	121.1	U	121.1	92.9	240	ug/Kg
84-66-2	Diethylphthalate	57.2	U	57.2	92.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.2	U	61.2	92.9	120	ug/Kg
86-73-7	Fluorene	61.1	U	61.1	92.9	120	ug/Kg
100-01-6	4-Nitroaniline	76.5	U	76.5	92.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.6	U	83.6	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.3	U	58.3	92.9	120	ug/Kg
103-33-3	Azobenzene	56.9	U	56.9	92.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.4	U	56.4	92.9	120	ug/Kg
118-74-1	Hexachlorobenzene	60.7	U	60.7	92.9	120	ug/Kg
1912-24-9	Atrazine	65.3	U	65.3	92.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP082224
Lab Sample ID:	P3689-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021615.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.2	U	55.2	190	240	ug/Kg
85-01-8	Phenanthrene	60	U	60	92.9	120	ug/Kg
120-12-7	Anthracene	60.3	U	60.3	92.9	120	ug/Kg
86-74-8	Carbazole	57.4	U	57.4	92.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.2	U	60.2	92.9	120	ug/Kg
206-44-0	Fluoranthene	58.4	U	58.4	92.9	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	59.3	U	59.3	92.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.2	U	69.2	92.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.5	U	70.5	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	57.7	U	57.7	92.9	120	ug/Kg
218-01-9	Chrysene	56.8	U	56.8	92.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	U	65	92.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.6	U	78.6	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	92.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	92.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.5	U	66.5	92.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55.8	U	55.8	92.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	92.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.2	U	57.2	92.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	92.9	120	ug/Kg
123-91-1	1,4-Dioxane	78.6	U	78.6	92.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.4	U	53.4	92.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.5	U	59.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.022		18-112		78	SPK: -150
13127-88-3	Phenol-d6	113.526		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	80.799		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	60.021		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP082224
Lab Sample ID:	P3689-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021615.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.571		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	57.718		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278085	7.799				
1146-65-2	Naphthalene-d8	1138353	10.587				
15067-26-2	Acenaphthene-d10	777548	14.451				
1517-22-2	Phenanthrene-d10	1833242	17.263				
1719-03-5	Chrysene-d12	1894275	21.722				
1520-96-3	Perylene-d12	2095430	25.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.028	
000057-55-6	Propylene Glycol	110	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			4.934	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	48.1	J			7.399	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.328	
000057-10-3	n-Hexadecanoic acid	120	J			18.198	
000297-03-0	Cyclotetracosane	120	J			21.398	

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BP082224
Lab Sample ID:	P3689-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021616.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	820		62.1	190	240	ug/Kg
110-86-1	Pyridine	680		57.2	93.1	120	ug/Kg
100-52-7	Benzaldehyde	510		130	190	240	ug/Kg
62-53-3	Aniline	810		69.4	93.1	120	ug/Kg
108-95-2	Phenol	940		59.3	93.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	810		59.9	93.1	120	ug/Kg
95-57-8	2-Chlorophenol	1000		59.8	93.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	850		60.6	93.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	840		61.6	93.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	850		61.9	93.1	120	ug/Kg
100-51-6	Benzyl Alcohol	930		59.4	190	240	ug/Kg
95-48-7	2-Methylphenol	960		57.7	93.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		65.1	93.1	120	ug/Kg
98-86-2	Acetophenone	830		62.2	93.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	990		57.1	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	730		28.8	57.3	57.3	ug/Kg
67-72-1	Hexachloroethane	870		59.4	93.1	120	ug/Kg
98-95-3	Nitrobenzene	890		65	93.1	120	ug/Kg
78-59-1	Isophorone	790		60.6	93.1	120	ug/Kg
88-75-5	2-Nitrophenol	1300		67.6	93.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		66.7	93.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	810		61.4	93.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		54	93.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	830		61.1	93.1	120	ug/Kg
65-85-0	Benzoic acid	1400		170	190	240	ug/Kg
91-20-3	Naphthalene	870		59.1	93.1	120	ug/Kg
106-47-8	4-Chloroaniline	600		59.1	93.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	820		59.6	93.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BP082224
Lab Sample ID:	P3689-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021616.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		62.1	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		55.5	93.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	890		59.1	93.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		51.1	93.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		53	93.1	120	ug/Kg
92-52-4	1,1-Biphenyl	850		62.6	93.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	840		59.6	93.1	120	ug/Kg
88-74-4	2-Nitroaniline	1100		68	93.1	120	ug/Kg
131-11-3	Dimethylphthalate	900		58.5	93.1	120	ug/Kg
208-96-8	Acenaphthylene	950		61.9	93.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		59.6	93.1	120	ug/Kg
99-09-2	3-Nitroaniline	820		63.9	93.1	120	ug/Kg
83-32-9	Acenaphthene	1000		58.1	93.1	120	ug/Kg
Total PAH	Total PAH	14490		948.5	93.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	2300	E	83	190	240	ug/Kg
132-64-9	Dibenzofuran	890		60.4	93.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		61.7	93.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		121.3	93.1	240	ug/Kg
84-66-2	Diethylphthalate	900		57.3	93.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	830		61.3	93.1	120	ug/Kg
86-73-7	Fluorene	850		61.2	93.1	120	ug/Kg
100-01-6	4-Nitroaniline	1000		76.6	93.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		83.8	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	880		58.4	93.1	120	ug/Kg
103-33-3	Azobenzene	800		57	93.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850		56.5	93.1	120	ug/Kg
118-74-1	Hexachlorobenzene	850		60.8	93.1	120	ug/Kg
1912-24-9	Atrazine	990		65.4	93.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BP082224
Lab Sample ID:	P3689-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021616.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	55.3	190	240	ug/Kg
85-01-8	Phenanthrene	910		60.1	93.1	120	ug/Kg
120-12-7	Anthracene	950		60.4	93.1	120	ug/Kg
86-74-8	Carbazole	920		57.5	93.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	930		60.3	93.1	120	ug/Kg
206-44-0	Fluoranthene	910		58.5	93.1	120	ug/Kg
92-87-5	Benzidine	1700		120	190	240	ug/Kg
129-00-0	Pyrene	930		59.4	93.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		69.3	93.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		70.6	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	910		57.8	93.1	120	ug/Kg
218-01-9	Chrysene	900		56.9	93.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		65.1	93.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		78.7	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		58.1	93.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		59.1	93.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	940		66.6	93.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		55.9	93.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		58.1	93.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		57.3	93.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	830		62.1	93.1	120	ug/Kg
123-91-1	1,4-Dioxane	700		78.7	93.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		53.5	93.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	850		59.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.393		18-112		62	SPK: -150
13127-88-3	Phenol-d6	89.926		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.584		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	45.929		20-109		46	SPK: -100

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BP082224
Lab Sample ID:	P3689-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021616.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.462		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	44.969		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	419057	7.799				
1146-65-2	Naphthalene-d8	1711968	10.587				
15067-26-2	Acenaphthene-d10	1180401	14.446				
1517-22-2	Phenanthrene-d10	2579480	17.245				
1719-03-5	Chrysene-d12	2409774	21.716				
1520-96-3	Perylene-d12	2833069	25.163				

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BP082224
Lab Sample ID:	P3689-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021617.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	910		62.1	190	240	ug/Kg
110-86-1	Pyridine	770		57.2	93	120	ug/Kg
100-52-7	Benzaldehyde	580		130	190	240	ug/Kg
62-53-3	Aniline	890		69.3	93	120	ug/Kg
108-95-2	Phenol	1100		59.3	93	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	890		59.9	93	120	ug/Kg
95-57-8	2-Chlorophenol	1100		59.7	93	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	940		60.5	93	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	930		61.5	93	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	940		61.9	93	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		59.4	190	240	ug/Kg
95-48-7	2-Methylphenol	1100		57.7	93	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		65	93	120	ug/Kg
98-86-2	Acetophenone	920		62.2	93	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		57.1	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	810		28.8	57.2	57.2	ug/Kg
67-72-1	Hexachloroethane	950		59.4	93	120	ug/Kg
98-95-3	Nitrobenzene	980		65	93	120	ug/Kg
78-59-1	Isophorone	870		60.5	93	120	ug/Kg
88-75-5	2-Nitrophenol	1400		67.6	93	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		66.7	93	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	890		61.4	93	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		54	93	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		61.1	93	120	ug/Kg
65-85-0	Benzoic acid	1500		170	190	240	ug/Kg
91-20-3	Naphthalene	970		59.1	93	120	ug/Kg
106-47-8	4-Chloroaniline	660		59.1	93	120	ug/Kg
87-68-3	Hexachlorobutadiene	900		59.6	93	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BP082224
Lab Sample ID:	P3689-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021617.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		62.1	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		55.4	93	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		59	93	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		51.1	93	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		52.9	93	120	ug/Kg
92-52-4	1,1-Biphenyl	960		62.5	93	120	ug/Kg
91-58-7	2-Chloronaphthalene	960		59.6	93	120	ug/Kg
88-74-4	2-Nitroaniline	1200		68	93	120	ug/Kg
131-11-3	Dimethylphthalate	1000		58.4	93	120	ug/Kg
208-96-8	Acenaphthylene	1100		61.9	93	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		59.5	93	120	ug/Kg
99-09-2	3-Nitroaniline	920		63.8	93	120	ug/Kg
83-32-9	Acenaphthene	1100		58	93	120	ug/Kg
Total PAH	Total PAH	16000		948	93	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	2600	E	83	190	240	ug/Kg
132-64-9	Dibenzofuran	990		60.4	93	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		121.2	93	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		61.7	93	120	ug/Kg
84-66-2	Diethylphthalate	990		57.3	93	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		61.2	93	120	ug/Kg
86-73-7	Fluorene	960		61.2	93	120	ug/Kg
100-01-6	4-Nitroaniline	1100		76.5	93	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		83.7	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		58.4	93	120	ug/Kg
103-33-3	Azobenzene	890		56.9	93	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		56.4	93	120	ug/Kg
118-74-1	Hexachlorobenzene	950		60.8	93	120	ug/Kg
1912-24-9	Atrazine	1100		65.4	93	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BP082224
Lab Sample ID:	P3689-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021617.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	55.3	190	240	ug/Kg
85-01-8	Phenanthrene	1000		60.1	93	120	ug/Kg
120-12-7	Anthracene	1100		60.4	93	120	ug/Kg
86-74-8	Carbazole	1000		57.4	93	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		60.3	93	120	ug/Kg
206-44-0	Fluoranthene	1000		58.4	93	120	ug/Kg
92-87-5	Benzidine	2200	E	120	190	240	ug/Kg
129-00-0	Pyrene	980		59.4	93	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		69.3	93	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		70.5	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	1000		57.7	93	120	ug/Kg
218-01-9	Chrysene	1000		56.9	93	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		65.1	93	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		78.7	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		58	93	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	950		59.1	93	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		66.5	93	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		55.9	93	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		58.1	93	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		57.3	93	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		62.1	93	120	ug/Kg
123-91-1	1,4-Dioxane	790		78.7	93	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		53.4	93	120	ug/Kg
90-12-0	1-Methylnaphthalene	930		59.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.966		18-112		70	SPK: -150
13127-88-3	Phenol-d6	101.174		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	70.32		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	51.044		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/21/2024 12:00:00 AM
Project:		Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BP082224
Lab Sample ID:	P3689-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021617.D	1	8/22/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.235		10-116		76	SPK: -150
1718-51-0	Terphenyl-d14	47.814		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	364612	7.805				
1146-65-2	Naphthalene-d8	1499801	10.587				
15067-26-2	Acenaphthene-d10	1003444	14.457				
1517-22-2	Phenanthrene-d10	2173460	17.263				
1719-03-5	Chrysene-d12	2118408	21.716				
1520-96-3	Perylene-d12	2549805	25.145				

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:	OU4-TS-11-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
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
BP021618.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	390	480	ug/Kg
110-86-1	Pyridine	120	U	120	190	240	ug/Kg
100-52-7	Benzaldehyde	260	U	260	390	480	ug/Kg
62-53-3	Aniline	140	U	140	190	240	ug/Kg
108-95-2	Phenol	120	U	120	190	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	190	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	190	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	190	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	190	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	190	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	390	480	ug/Kg
95-48-7	2-Methylphenol	120	U	120	190	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	190	240	ug/Kg
98-86-2	Acetophenone	130	U	130	190	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	390	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58	U	58	120	120	ug/Kg
67-72-1	Hexachloroethane	120	U	120	190	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	190	240	ug/Kg
78-59-1	Isophorone	120	U	120	190	240	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	190	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	190	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	190	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	190	240	ug/Kg
65-85-0	Benzoic acid	340	U	340	390	480	ug/Kg
91-20-3	Naphthalene	120	U	120	190	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	190	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	190	240	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:	OU4-TS-11-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
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
BP021618.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	390	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	190	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	190	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	390	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	190	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	190	240	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	190	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	190	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	190	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	190	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	190	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	190	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	190	240	ug/Kg
83-32-9	Acenaphthene	120	U	120	190	240	ug/Kg
Total PAH	Total PAH	1910	U	1910	190	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	390	480	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	390	480	ug/Kg
132-64-9	Dibenzofuran	120	U	120	190	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	190	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	190	240	ug/Kg
84-66-2	Diethylphthalate	120	U	120	190	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	190	240	ug/Kg
86-73-7	Fluorene	120	U	120	190	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	190	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	390	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	190	240	ug/Kg
103-33-3	Azobenzene	110	U	110	190	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	190	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	190	240	ug/Kg
1912-24-9	Atrazine	130	U	130	190	240	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:	OU4-TS-11-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
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
BP021618.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	390	480	ug/Kg
85-01-8	Phenanthrene	120	U	120	190	240	ug/Kg
120-12-7	Anthracene	120	U	120	190	240	ug/Kg
86-74-8	Carbazole	120	U	120	190	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	190	240	ug/Kg
206-44-0	Fluoranthene	250		120	190	240	ug/Kg
92-87-5	Benzidine	230	U	230	390	480	ug/Kg
129-00-0	Pyrene	220	J	120	190	240	ug/Kg
85-68-7	Butylbenzylphthalate	190	J	140	190	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	390	480	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	190	240	ug/Kg
218-01-9	Chrysene	130	J	110	190	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	190	240	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	390	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	120	190	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	190	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	190	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	190	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	190	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	190	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	190	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	190	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	190	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.314		18-112		54	SPK: -150
13127-88-3	Phenol-d6	78.065		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.993		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	36.653		20-109		37	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:	OU4-TS-11-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
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
BP021618.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.559		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	35.683		10-105		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	323428	7.799				
1146-65-2	Naphthalene-d8	1327553	10.581				
15067-26-2	Acenaphthene-d10	839544	14.446				
1517-22-2	Phenanthrene-d10	1825698	17.257				
1719-03-5	Chrysene-d12	1754188	21.722				
1520-96-3	Perylene-d12	2017977	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.028	
004254-14-2	R-(-)-1,2-propanediol	180	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.328	
	unknown14.681	160	J			14.681	
000057-10-3	n-Hexadecanoic acid	170	J			18.21	
016980-85-1	Pentacos-1-ene	110	J			21.392	
054833-23-7	Eicosane, 10-methyl-	210	J			24.333	

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:	OU4-TS-09-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.1
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
BP021619.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	260	U	260	380	460	ug/Kg
62-53-3	Aniline	140	U	140	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.8	U	56.8	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	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:	OU4-TS-09-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.1
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
BP021619.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	1860	U	1860	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	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:	OU4-TS-09-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.1
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
BP021619.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	240	ug/Kg
120-12-7	Anthracene	120	U	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	150	J	120	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	140	J	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	240	ug/Kg
218-01-9	Chrysene	110	U	110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.217		18-112		63	SPK: -150
13127-88-3	Phenol-d6	90.049		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	68.013		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	49.704		20-109		50	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:	OU4-TS-09-080724	SDG No.:	BP082224
Lab Sample ID:	P3518-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.1
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
BP021619.D	1	8/19/2024 12:00:00 AM	8/22/2024 12:00:00 AM	pb162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.689		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	43.454		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352434	7.799				
1146-65-2	Naphthalene-d8	1405074	10.587				
15067-26-2	Acenaphthene-d10	872533	14.445				
1517-22-2	Phenanthrene-d10	1872743	17.257				
1719-03-5	Chrysene-d12	1824677	21.716				
1520-96-3	Perylene-d12	2134055	25.145				

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0.5-1-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.3
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
BP021620.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	100	U	100	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	99.9	U	99.9	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.4	U	50.4	100	100	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	94.5	U	94.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	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:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0.5-1-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.3
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
BP021620.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97	U	97	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.4	U	89.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.6	U	92.6	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	210		100	160	210	ug/Kg
Total PAH	Total PAH	19120		1657.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	410	ug/Kg
132-64-9	Dibenzofuran	110	J	110	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	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	230		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	99.6	U	99.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.8	U	98.8	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:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0.5-1-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.3
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
BP021620.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.8	U	96.8	340	410	ug/Kg
85-01-8	Phenanthrene	2300		110	160	210	ug/Kg
120-12-7	Anthracene	570		110	160	210	ug/Kg
86-74-8	Carbazole	290		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	3100		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	2800		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	1700		100	160	210	ug/Kg
218-01-9	Chrysene	2100		99.5	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	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800		97.8	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		100	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	93.5	U	93.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.133		18-112		55	SPK: -150
13127-88-3	Phenol-d6	84.488		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.986		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	40.291		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0.5-1-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.3
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
BP021620.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.976		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	42.203		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	328696	7.799				
1146-65-2	Naphthalene-d8	1406531	10.587				
15067-26-2	Acenaphthene-d10	997125	14.439				
1517-22-2	Phenanthrene-d10	2294613	17.257				
1719-03-5	Chrysene-d12	1965328	21.721				
1520-96-3	Perylene-d12	2369105	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.934	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.163	
000610-48-0	Anthracene, 1-methyl-	470	J			18.204	
000203-64-5	4H-Cyclopenta[def]phenanthrene	460	J			18.363	
000612-94-2	Naphthalene, 2-phenyl-	150	J			18.68	
000084-65-1	9,10-Anthracenedione	170	J			18.716	
003674-66-6	Phenanthrene, 2,5-dimethyl-	150	J			19.116	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			21.074	
000084-15-1	o-Terphenyl	200	J			21.392	
	unknown21.880	140	J			21.88	
003351-28-8	Chrysene, 1-methyl-	510	J			22.515	
003351-32-4	2-Methylchrysene	220	J			22.586	
000568-81-0	Benz(a)anthracene, 6,12-dimethyl-	210	J			23.304	
000316-51-8	3,9-Dimethylbenz[a]anthracene	190	J			23.427	
054986-63-9	Benzo[c]phenanthrene, 5,8-dimethyl	1300	J			23.509	
020627-31-0	Benz(a)anthracene, 8,12-dimethyl-	340	J			23.615	
035187-18-9	Benz(a)anthracene, 4,7-dimethyl-	420	J			23.692	
000192-97-2	Benzo[e]pyrene	1600	J			24.833	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-904-J-SO-0.5-1-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.3
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
BP021620.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	250	J			25.245	

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
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
BP021621.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	95.6	U	95.6	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	99.2	U	99.2	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	95.5	U	95.5	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	99.7	U	99.7	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
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
BP021621.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	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	99.7	U	99.7	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	11080	U	1576.6	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
121-14-2	2,4-Dinitrotoluene	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
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:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
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
BP021621.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.5	U	92.5	320	390	ug/Kg
85-01-8	Phenanthrene	1300		100	160	200	ug/Kg
120-12-7	Anthracene	170	J	100	160	200	ug/Kg
86-74-8	Carbazole	110	J	96.1	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	2200		97.7	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	390	ug/Kg
129-00-0	Pyrene	1800		99.3	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	840		96.6	160	200	ug/Kg
218-01-9	Chrysene	1000		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	1200		97	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		98.8	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	900		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		93.4	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	97.1	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		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	89.4	U	89.4	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	46.471		18-112		31	SPK: -150
13127-88-3	Phenol-d6	46.001		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	30.551		18-107		31	SPK: -100
321-60-8	2-Fluorobiphenyl	17.627	*	20-109		18	SPK: -100

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	BP082224
Lab Sample ID:	P3671-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
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
BP021621.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	43.17		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	21.89		10-105		22	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	360701	7.805				
1146-65-2	Naphthalene-d8	1546563	10.587				
15067-26-2	Acenaphthene-d10	1075680	14.44				
1517-22-2	Phenanthrene-d10	2395933	17.245				
1719-03-5	Chrysene-d12	2027364	21.716				
1520-96-3	Perylene-d12	2358797	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	86.9	A			4.934	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	98.1	J			18.157	
002531-84-2	Phenanthrene, 2-methyl-	220	J			18.204	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.357	
000612-94-2	Naphthalene, 2-phenyl-	94.9	J			18.675	
000084-65-1	9,10-Anthracenedione	190	J			18.71	
005737-13-3	Cyclopenta(def)phenanthrenone	92.1	J			19.245	
002381-21-7	Pyrene, 1-methyl-	84.5	J			20.233	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.28	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.375	
000122-69-0	Cinnamyl cinnamate	150	J			21.157	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			21.263	
000225-51-4	Benz[c]acridine	140	J			21.375	
000082-05-3	7H-Benz[de]anthracen-7-one	84.5	J			21.422	
000195-19-7	Benzo[c]phenanthrene	81.8	J			21.916	
000192-97-2	Benzo[e]pyrene	670	J			24.833	

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OU4-TS-09-080724								
P3518-17	OU4-TS-09-080724	Solid	Benzo(b)fluoranthene	120.000	J	110	240	ug/Kg
P3518-17	OU4-TS-09-080724	Solid	Fluoranthene	150.000	J	120	240	ug/Kg
P3518-17	OU4-TS-09-080724	Solid	Pyrene	140.000	J	120	240	ug/Kg
Total Svoc :				410.00				
Total Concentration:				410.00				
Client ID : OU4-TS-11-080724								
P3518-21	OU4-TS-11-080724	Solid	1-Phenoxypropan-2-ol	*	220.000	J		
P3518-21	OU4-TS-11-080724	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3518-21	OU4-TS-11-080724	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3518-21	OU4-TS-11-080724	Solid	Eicosane, 10-methyl-	*	210.000	J		
P3518-21	OU4-TS-11-080724	Solid	n-Hexadecanoic acid	*	170.000	J		
P3518-21	OU4-TS-11-080724	Solid	Pentacos-1-ene	*	110.000	J		
P3518-21	OU4-TS-11-080724	Solid	R-(-)-1,2-propanediol	*	180.000	J		
P3518-21	OU4-TS-11-080724	Solid	unknown14.681	*	160.000	J		
Total Tics :				2,800.00				
P3518-21	OU4-TS-11-080724	Solid	Benzo(b)fluoranthene		150.000	J	120	ug/Kg
P3518-21	OU4-TS-11-080724	Solid	Butylbenzylphthalate		190.000	J	140	ug/Kg
P3518-21	OU4-TS-11-080724	Solid	Chrysene		130.000	J	110	ug/Kg
P3518-21	OU4-TS-11-080724	Solid	Fluoranthene		250.000		120	ug/Kg
P3518-21	OU4-TS-11-080724	Solid	Pyrene		220.000	J	120	ug/Kg
Total Svoc :				940.00				
Total Concentration:				3,740.00				
Client ID : S-904-J-SO-0-0.5-081924								
P3671-01	S-904-J-SO-0-0.5-081924	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	190.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	9,10-Anthracenedione	*	370.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	9,10-Dimethylanthracene	*	200.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	9H-Fluoren-9-one	*	140.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	9H-Fluorene, 1-methyl-	*	140.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Acridine	*	170.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Anthracene, 1-methyl-	*	210.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Anthracene, 2-methyl-	*	410.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo[e]pyrene	*	510.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo[j]fluoranthene	*	730.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Cyclopenta[cd]pyrene	*	160.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Dibenzothiophene	*	360.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Fluoranthene, 2-methyl-	*	170.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Naphthalene, 2-phenyl-	*	380.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Perylene	*	2,100.000	J		
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Phenanthrene, 2-methyl-	*	730.000	J		
Total Tics :				10,200.00				
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Acenaphthene		640.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Anthracene		1,800.000	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo(a)anthracene		3,000.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo(a)pyrene		2,800.000	130	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo(b)fluoranthene		3,400.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo(g,h,i)perylene		1,700.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Benzo(k)fluoranthene		1,200.000	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Carbazole		920.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Chrysene		3,100.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Dibenzo(a,h)anthracene		440.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Dibenzofuran		420.000	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Fluoranthene		5,900.000	E 110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Fluorene		790.000	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Indeno(1,2,3-cd)pyrene		1,500.000	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Phenanthrene		6,100.000	E 120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Pyrene		5,300.000	E 120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	Solid	Total PAH		37,670.000	1850	3840	ug/Kg
Total Svoc :				76,680.00				
Total Concentration:				86,880.00				

Client ID : S-904-J-SO-0.5-1-081924

P3671-02	S-904-J-SO-0.5-1-081924	Solid	2-Methylchrysene	*	220.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	3,9-Dimethylbenz[a]anthracene	*	190.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	4H-Cyclopenta[def]phenanthrene	*	460.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	7H-Benz[de]anthracen-7-one	*	130.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	9,10-Anthracenedione	*	170.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Anthracene, 1-methyl-	*	470.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benz(a)anthracene, 4,7-dimethyl-	*	420.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benz(a)anthracene, 6,12-dimethyl	*	210.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benz(a)anthracene, 8,12-dimethyl	*	340.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo[c]phenanthrene, 5,8-dimethyl	*	1,300.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo[e]pyrene	*	1,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Chrysene, 1-methyl-	*	510.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	o-Terphenyl	*	200.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Perylene	*	250.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Phenanthrene, 2,5-dimethyl-	*	150.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P3671-02	S-904-J-SO-0.5-1-081924	Solid	unknown21.880	*	140.000	J		
Total Tics :					8,790.00			
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Acenaphthene		210.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Anthracene		570.000		110	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo(a)anthracene		1,700.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo(a)pyrene		1,600.000		120	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo(b)fluoranthene		1,800.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo(g,h,i)perylene		970.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Benzo(k)fluoranthene		670.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Carbazole		290.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Chrysene		2,100.000		99.5	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Dibenzo(a,h)anthracene		270.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Dibenzofuran		110.000	J	110	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Fluoranthene		3,100.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Fluorene		230.000		110	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Indeno(1,2,3-cd)pyrene		800.000		97.8	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Phenanthrene		2,300.000		110	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Pyrene		2,800.000		100	ug/Kg
P3671-02	S-904-J-SO-0.5-1-081924	Solid	Total PAH		19,120.000		1657.3	3360 ug/Kg
Total Svoc :					38,640.00			
Total Concentration:					47,430.00			
Client ID : S-911-K1-SO-0-0.5-081924-FD								
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	(3S,3aS,6R,7R,9aS)-1,1,7-Trimethyl	*	440.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	1-Heptacosanol	*	3,000.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	1-Phenoxypropan-2-ol	*	330.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	A		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	9-Eicosene, (E)-	*	230.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Behenic alcohol	*	1,700.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Bromoacetic acid, octadecyl ester	*	1,500.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Butane, 2-methoxy-2-methyl-	*	3,900.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Eucalyptol	*	1,500.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Heneicosane, 11-pentyl-	*	1,700.000	J		
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Heptadecanal	*	280.000	J		

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Heptadecane, 9-octyl-	* 1,100.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	n-Hexadecanoic acid	* 550.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	n-Tetracosanol-1	* 2,000.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Octacosanol	* 1,700.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Oxirane, heptadecyl-	* 360.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Propylene Glycol	* 260.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Tetradecanal	* 270.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	unknown17.469	* 280.000	J			
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	unknown18.186	* 430.000	J			
Total Tics :				21,810.00				
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Benzo(b)fluoranthene	300.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Chrysene	240.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Fluoranthene	410.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	Solid	Pyrene	350.000	J	240	490	ug/Kg
Total Svoc :				1,300.00				
Total Concentration:				23,110.00				
Client ID : S-905-KJ-SO-0-0.5-081924								
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	1-Phenoxypropan-2-ol	* 110.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	2-Pentanone, 4-hydroxy-4-methyl	* 150.000	A			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	4H-Cyclopenta[def]phenanthrene	* 130.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo[e]pyrene	* 340.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Butane, 2-methoxy-2-methyl-	* 2,200.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	n-Hexadecanoic acid	* 180.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Propylene Glycol	* 120.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Tetradecane, 1,1-thiobis-	* 120.000	J			
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	unknown23.951	* 220.000	J			
Total Tics :				3,570.00				
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Anthracene	160.000	J	110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo(a)anthracene	450.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo(a)pyrene	460.000		120	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo(b)fluoranthene	560.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo(g,h,i)perylene	270.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Benzo(k)fluoranthene	210.000	J	110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Chrysene	460.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Fluoranthene	1,100.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Indeno(1,2,3-cd)pyrene	230.000		99.8	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Phenanthrene	750.000		110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	Solid	Pyrene	830.000		110	220	ug/Kg
Total Svoc :				5,480.00				

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				9,050.00				
Client ID : S-905-KJ-SO-0-0.5-081924-FD								
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		1-Phenoxypropan-2-ol	*	120.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo[e]pyrene	*	390.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		n-Hexadecanoic acid	*	130.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Propylene Glycol	*	130.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		unknown21.374	*	120.000	J		
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		unknown23.939	*	250.000	J		
Total Tics :				3,390.00				
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo(a)anthracene		540.000		110	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo(a)pyrene		530.000		120	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo(b)fluoranthene		700.000		110	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo(g,h,i)perylene		250.000		100	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Benzo(k)fluoranthene		210.000	J	110	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Chrysene		500.000		100	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Fluoranthene		820.000		110	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Indeno(1,2,3-cd)pyrene		240.000		100	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Phenanthrene		290.000		110	220 ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: Solid		Pyrene		710.000		110	220 ug/Kg
Total Svoc :				4,790.00				
Total Concentration:				8,180.00				
Client ID : S-903-J-SO-0-0.5-081924								
P3671-11	S-903-J-SO-0-0.5-081924 Solid		11H-Benzo[b]fluorene	*	110.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		2-Pentanone, 4-hydroxy-4-methyl	*	86.900	A		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		5H-Dibenzo[a,d]cycloheptene	*	98.100	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		7H-Benz[de]anthracen-7-one	*	84.500	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		9,10-Anthracenedione	*	190.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Benz[c]acridine	*	140.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Benzo[c]phenanthrene	*	81.800	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Benzo[e]pyrene	*	670.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Cinnamyl cinnamate	*	150.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Cyclopenta(def)phenanthrenone	*	92.100	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Fluoranthene, 2-methyl-	*	130.000	J		
P3671-11	S-903-J-SO-0-0.5-081924 Solid		Naphthalene, 2-phenyl-	*	94.900	J		

Hit Summary Sheet SW-846

SDG No.: BP082224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Phenanthrene, 2-methyl-	*	220.000	J		
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Pyrene, 1-methyl-	*	84.500	J		
Total Tics :				4,072.80				
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Anthracene		170.000	J	100	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Benzo(a)anthracene		840.000		96.6	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Benzo(a)pyrene		900.000		110	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Benzo(b)fluoranthene		1,200.000		97	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Benzo(g,h,i)perylene		590.000		95.8	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Benzo(k)fluoranthene		410.000		98.8	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Butylbenzylphthalate		160.000	J	120	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Carbazole		110.000	J	96.1	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Chrysene		1,000.000		95.1	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Dibenzo(a,h)anthracene		150.000	J	97.1	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Fluoranthene		2,200.000		97.7	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Indeno(1,2,3-cd)pyrene		520.000		93.4	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Phenanthrene		1,300.000		100	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	Solid	Pyrene		1,800.000		99.3	ug/Kg
Total Svoc :				11,350.00				
Total Concentration:				15,422.80				

Client ID : WC-1

P3689-02	WC-1	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3689-02	WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3689-02	WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3689-02	WC-1	Solid	Cyclotetrasiloxane	*	120.000	J		
P3689-02	WC-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	48.100	J		
P3689-02	WC-1	Solid	n-Hexadecanoic acid	*	120.000	J		
P3689-02	WC-1	Solid	Propylene Glycol	*	110.000	J		
Total Tics :				2,128.10				
Total Concentration:				2,128.10				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.545	0.525	0.568	0.532	0.516	0.536	3.4
Pyridine		1.744	1.720	1.915	1.802	1.741	1.783	4.0
2-Fluorophenol		1.332	1.286	1.405	1.348	1.324	1.347	3.2
Benzaldehyde		1.364	1.447	1.409	1.198	1.073	1.258	13.7
Aniline		1.964	2.035	2.053	1.978	1.925	1.964	3.6
Phenol-d6		1.897	1.960	2.062	1.978	1.953	1.965	2.9
Phenol		1.968	2.023	2.138	2.045	2.020	2.035	2.9
bis(2-Chloroethyl)ether		1.757	1.800	1.787	1.702	1.680	1.722	3.5
2-Chlorophenol		1.199	1.221	1.291	1.250	1.236	1.245	2.7
1,2-Dichlorobenzene		1.523	1.475	1.513	1.410	1.377	1.439	4.6
1,3-Dichlorobenzene		1.579	1.479	1.546	1.452	1.422	1.479	4.3
1,4-Dichlorobenzene		1.571	1.514	1.553	1.475	1.435	1.493	3.9
Benzyl Alcohol		1.306	1.454	1.474	1.415	1.417	1.410	4.1
2-Methylphenol		1.257	1.313	1.350	1.290	1.277	1.286	3.0
2,2-oxybis(1-Chloropropane)		1.639	1.716	1.642	1.546	1.549	1.585	5.2
Acetophenone		0.636	0.621	0.643	0.612	0.591	0.614	3.3
3+4-Methylphenols		1.595	1.820	1.795	1.758	1.734	1.734	4.5
n-Nitroso-di-n-propylamine	1.329	1.436	1.555	1.433	1.340	1.308	1.357	8.4
Nitrobenzene-d5		0.300	0.339	0.386	0.410	0.412	0.387	13.1
Hexachloroethane		0.599	0.590	0.617	0.594	0.587	0.599	2.0
Nitrobenzene		0.338	0.385	0.430	0.443	0.435	0.421	10.4
Isophorone		0.947	0.970	0.951	0.913	0.877	0.915	4.5
2-Nitrophenol		0.054	0.063	0.076	0.094	0.107	0.086	30.3
2,4-Dimethylphenol		0.218	0.225	0.232	0.225	0.221	0.226	2.3
bis(2-Chloroethoxy)methane		0.577	0.574	0.572	0.549	0.542	0.559	2.7
2,4-Dichlorophenol		0.226	0.249	0.270	0.273	0.275	0.267	8.4
1,2,4-Trichlorobenzene		0.355	0.332	0.347	0.340	0.331	0.342	2.6
Benzoic acid			0.082	0.104	0.129	0.151	0.137	29.1
Naphthalene		1.084	1.041	1.074	1.041	1.002	1.045	2.6
4-Chloroaniline		0.394	0.403	0.406	0.395	0.379	0.392	2.6
Hexachlorobutadiene		0.217	0.213	0.218	0.215	0.210	0.215	1.5
Caprolactam		0.099	0.115	0.118	0.114	0.109	0.111	5.4
4-Chloro-3-methylphenol		0.332	0.375	0.382	0.383	0.370	0.370	4.7
2-Methylnaphthalene		0.747	0.742	0.730	0.705	0.683	0.713	3.8
Hexachlorocyclopentadiene		0.159	0.153	0.174	0.192	0.195	0.186	13.2
2,4,6-Trichlorophenol		0.261	0.284	0.318	0.343	0.339	0.326	12.5

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.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.371	1.314	1.335	1.327	1.264	1.310	3.1
2,4,5-Trichlorophenol		0.284	0.316	0.360	0.382	0.378	0.362	12.7
1,1-Biphenyl		1.462	1.400	1.434	1.428	1.362	1.415	2.4
2-Chloronaphthalene		1.121	1.075	1.117	1.116	1.065	1.102	2.3
2-Nitroaniline		0.146	0.181	0.231	0.285	0.294	0.256	28.1
Dimethylphthalate		1.387	1.365	1.369	1.352	1.276	1.339	3.2
Acenaphthylene		1.660	1.610	1.657	1.645	1.561	1.619	2.5
2,6-Dinitrotoluene		0.129	0.187	0.227	0.255	0.261	0.232	24.3
3-Nitroaniline		0.127	0.185	0.221	0.254	0.254	0.228	24.3
Acenaphthene		1.094	1.058	1.074	1.073	1.023	1.063	2.2
2,4-Dinitrophenol			0.045	0.052	0.066	0.073	0.069	27.0
4-Nitrophenol			0.141	0.177	0.202	0.201	0.195	16.3
Dibenzofuran		1.735	1.637	1.677	1.649	1.563	1.635	3.7
2,4-Dinitrotoluene		0.140	0.214	0.262	0.320	0.328	0.284	29.5
Diethylphthalate		1.405	1.395	1.427	1.397	1.318	1.374	3.3
4-Chlorophenyl-phenylether		0.741	0.724	0.718	0.695	0.656	0.694	5.2
Fluorene		1.431	1.400	1.408	1.354	1.260	1.343	5.7
4-Nitroaniline		0.148	0.198	0.242	0.273	0.262	0.241	21.1
4,6-Dinitro-2-methylphenol			0.031	0.039	0.052	0.060	0.054	30.9
n-Nitrosodiphenylamine		0.534	0.541	0.549	0.538	0.523	0.536	1.5
Azobenzene		1.797	1.779	1.778	1.714	1.555	1.689	6.2
2,4,6-Tribromophenol		0.179	0.204	0.222	0.236	0.231	0.223	10.5
4-Bromophenyl-phenylether		0.211	0.210	0.212	0.207	0.210	0.212	1.4
Hexachlorobenzene		0.255	0.249	0.250	0.252	0.245	0.250	1.3
Atrazine		0.181	0.186	0.196	0.191	0.179	0.184	4.0
Pentachlorophenol			0.108	0.125	0.137	0.143	0.137	13.1
Phenanthrene		0.990	0.963	0.998	0.965	0.932	0.962	2.7
Anthracene		0.954	0.955	0.970	0.950	0.915	0.943	2.2
Carbazole		0.908	0.906	0.941	0.930	0.873	0.909	2.5
Di-n-butylphthalate		1.049	1.065	1.149	1.149	1.133	1.116	3.7
Fluoranthene		1.215	1.153	1.233	1.200	1.137	1.180	3.2
Benzidine			0.297	0.451	0.477	0.476	0.420	16.1
Pyrene		1.283	1.470	1.295	1.290	1.262	1.307	5.6
Terphenyl-d14		1.069	1.196	1.034	1.006	0.973	1.029	8.2
Butylbenzylphthalate		0.298	0.365	0.411	0.470	0.489	0.437	18.8
3,3-Dichlorobenzidine		0.349	0.358	0.413	0.428	0.419	0.403	8.5

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.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.271	1.247	1.291	1.268	1.224	1.256	1.8
Chrysene		1.213	1.180	1.205	1.197	1.151	1.185	1.8
Bis(2-ethylhexyl)phthalate		0.607	0.635	0.741	0.781	0.804	0.742	11.7
Di-n-octyl phthalate			0.839	1.115	1.247	1.285	1.199	16.5
Benzo(b)fluoranthene		1.106	1.152	1.158	1.155	1.119	1.149	2.4
Benzo(k)fluoranthene		1.115	1.101	1.124	1.141	1.103	1.121	1.7
Benzo(a)pyrene		0.953	0.953	1.003	1.012	0.996	0.997	3.3
Indeno(1,2,3-cd)pyrene		1.244	1.156	1.317	1.327	1.297	1.296	5.8
Dibenzo(a,h)anthracene		1.034	0.965	1.106	1.102	1.080	1.077	5.5
Benzo(g,h,i)perylene		1.052	0.955	1.096	1.102	1.074	1.080	5.9
1,2,4,5-Tetrachlorobenzene		0.574	0.543	0.592	0.595	0.578	0.586	4.0
1,4-Dioxane		0.685	0.614	0.681	0.642	0.599	0.639	5.4
2,3,4,6-Tetrachlorophenol		0.250	0.278	0.302	0.328	0.317	0.307	10.7
1-Methylnaphthalene		0.742	0.735	0.725	0.697	0.673	0.703	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP082224 SAS No.: BP082224 SDG NO.: BP082224

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

Lab File ID: BP021485.D Time Analyzed: 10:51

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	334672	7.811	1.37913e+01	10.60	890240	14.46
UPPER LIMIT	669344	8.311	2758260	11.099	1780480	14.957
LOWER LIMIT	167336	7.311	689565	10.099	445120	13.957
EPA SAMPLE NO.						
01 PB162876BL	294007	7.80	1.13932e	10.59	719256	14.45
02 PB162379BL	290745	7.81	1.12499e	10.59	726278	14.45
03 PB162379BS	300018	7.80	1.21367e	10.59	825465	14.45
04 S-905-KJ-SO-0-0.5-081924	333595	7.80	1.34716e	10.59	908710	14.44
05 S-905-KJ-SO-0-0.5-081924-FD	345383	7.80	1.40313e	10.59	909066	14.45
06 S-911-K1-SO-0-0.5-081924-FD	356018	7.80	1.42773e	10.59	917752	14.45
07 S-904-J-SO-0-0.5-081924	316478	7.80	1.3383e+	10.59	940435	14.45
08 WC-1	278085	7.80	1.13835e	10.59	777548	14.45
09 WC-1MS	419057	7.80	1.71197e	10.59	1.1804e+	14.45
10 WC-1MSD	364612	7.81	1.4998e+	10.59	1.00344e	14.46
11 OU4-TS-11-080724	323428	7.80	1.32755e	10.58	839544	14.45
12 OU4-TS-09-080724	352434	7.80	1.40507e	10.59	872533	14.45
13 S-904-J-SO-0.5-1-081924	328696	7.80	1.40653e	10.59	997125	14.44
14 S-903-J-SO-0-0.5-081924	360701	7.81	1.54656e	10.59	1.07568e	14.44

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.: BP082224 SAS No.: BP082224 SDG NO.: BP082224

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

Lab File ID: BP021607.D Time Analyzed: 10:51

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	306021	7.805	1.2959e+00	10.59	892605	14.45
UPPER LIMIT	612042	8.305	2591800	11.087	1785210	14.946
LOWER LIMIT	153010.5	7.305	647950	10.087	446302.5	13.946
EPA SAMPLE NO.						
01 PB162876BL	294007	7.80	1.13932e	10.59	719256	14.45
02 PB162379BL	290745	7.81	1.12499e	10.59	726278	14.45
03 PB162379BS	300018	7.80	1.21367e	10.59	825465	14.45
04 S-905-KJ-SO-0-0.5-081924	333595	7.80	1.34716e	10.59	908710	14.44
05 S-905-KJ-SO-0-0.5-081924-FD	345383	7.80	1.40313e	10.59	909066	14.45
06 S-911-K1-SO-0-0.5-081924-FD	356018	7.80	1.42773e	10.59	917752	14.45
07 S-904-J-SO-0-0.5-081924	316478	7.80	1.3383e+	10.59	940435	14.45
08 WC-1	278085	7.80	1.13835e	10.59	777548	14.45
09 WC-1MS	419057	7.80	1.71197e	10.59	1.1804e+	14.45
10 WC-1MSD	364612	7.81	1.4998e+	10.59	1.00344e	14.46
11 OU4-TS-11-080724	323428	7.80	1.32755e	10.58	839544	14.45
12 OU4-TS-09-080724	352434	7.80	1.40507e	10.59	872533	14.45
13 S-904-J-SO-0.5-1-081924	328696	7.80	1.40653e	10.59	997125	14.44
14 S-903-J-SO-0-0.5-081924	360701	7.81	1.54656e	10.59	1.07568e	14.44

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.: BP082224 SAS No.: BP082224 SDG NO.: BP082224

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

Lab File ID: BP021485.D Time Analyzed: 10:51

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.90528e+01	17.251	1.82007e+01	21.698	2.08533e+01	25.104
UPPER LIMIT	3810560	17.751	3640140	22.198	4170660	25.604
LOWER LIMIT	952640	16.751	910035	21.198	1042665	24.604
EPA SAMPLE NO.						
01 PB162876BL	1.75203	17.26	2.03918e+01	21.72	2.2154e+01	25.16
02 PB162379BL	1.7548e	17.26	1.94731e+01	21.72	2.18055e+01	25.15
03 PB162379BS	1.87e+0	17.26	1.88751e+01	21.72	2.23679e+01	25.15
04 S-905-KJ-SO-0-0.5-081924	2.01524	17.25	2.00677e+01	21.72	2.30845e+01	25.15
05 S-905-KJ-SO-0-0.5-081924-FI	1.93635	17.25	1.92228e+01	21.72	2.25216e+01	25.14
06 S-911-K1-SO-0-0.5-081924-FI	2.0665e	17.26	2.03228e+01	21.72	2.35032e+01	25.17
07 S-904-J-SO-0-0.5-081924	2.17234	17.26	1.95133e+01	21.73	2.31352e+01	25.16
08 WC-1	1.83324	17.26	1.89428e+01	21.72	2.09543e+01	25.16
09 WC-1MS	2.57948	17.25	2.40977e+01	21.72	2.83307e+01	25.16
10 WC-1MSD	2.17346	17.26	2.11841e+01	21.72	2.54981e+01	25.15
11 OU4-TS-11-080724	1.8257e	17.26	1.75419e+01	21.72	2.01798e+01	25.15
12 OU4-TS-09-080724	1.87274	17.26	1.82468e+01	21.72	2.13406e+01	25.15
13 S-904-J-SO-0.5-1-081924	2.29461	17.26	1.96533e+01	21.72	2.36911e+01	25.17
14 S-903-J-SO-0-0.5-081924	2.39593	17.25	2.02736e+01	21.72	2.3588e+01	25.15

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.: BP082224 SAS No.: BP082224 SDG NO.: BP082224

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

Lab File ID: BP021607.D Time Analyzed: 10:51

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.04367e+0	17.251	2.17776e+	21.716	2.52933e+0	25.151
UPPER LIMIT	4087340	17.751	4355520	22.216	5058660	25.651
LOWER LIMIT	1021835	16.751	1088880	21.216	1264665	24.651
EPA SAMPLE NO.						
01 PB162876BL	1.75203	17.26	2.03918e+	21.72	2.2154e+0	25.16
02 PB162379BL	1.7548e	17.26	1.94731e+	21.72	2.18055e+	25.15
03 PB162379BS	1.87e+0	17.26	1.88751e+	21.72	2.23679e+	25.15
04 S-905-KJ-SO-0-0.5-081924	2.01524	17.25	2.00677e+	21.72	2.30845e+	25.15
05 S-905-KJ-SO-0-0.5-081924-FI	1.93635	17.25	1.92228e+	21.72	2.25216e+	25.14
06 S-911-K1-SO-0-0.5-081924-FI	2.0665e	17.26	2.03228e+	21.72	2.35032e+	25.17
07 S-904-J-SO-0-0.5-081924	2.17234	17.26	1.95133e+	21.73	2.31352e+	25.16
08 WC-1	1.83324	17.26	1.89428e+	21.72	2.09543e+	25.16
09 WC-1MS	2.57948	17.25	2.40977e+	21.72	2.83307e+	25.16
10 WC-1MSD	2.17346	17.26	2.11841e+	21.72	2.54981e+	25.15
11 OU4-TS-11-080724	1.8257e	17.26	1.75419e+	21.72	2.01798e+	25.15
12 OU4-TS-09-080724	1.87274	17.26	1.82468e+	21.72	2.13406e+	25.15
13 S-904-J-SO-0.5-1-081924	2.29461	17.26	1.96533e+	21.72	2.36911e+	25.17
14 S-903-J-SO-0-0.5-081924	2.39593	17.25	2.02736e+	21.72	2.3588e+0	25.15

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.: BP082224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162379BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	0	ug/Kg	0		*		10	133	
	Aniline	1700	1300	ug/Kg	76				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1700	ug/Kg	100				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	2100	ug/Kg	124		*		61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1900	ug/Kg	112		*		62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	2300	ug/Kg	135				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1300	ug/Kg	76				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1900	ug/Kg	112				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	4600	ug/Kg	139				45	165	
	2,4,6-Trichlorophenol	1700	2000	ug/Kg	118		*		59	102	
	2,4,5-Trichlorophenol	1700	2000	ug/Kg	118		*		61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	2000	ug/Kg	118		*		66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1900	ug/Kg	112		*		61	104	
	3-Nitroaniline	1700	1700	ug/Kg	100				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	27000	ug/Kg	99				57	104	
	2,4-Dinitrophenol	3300	4300	ug/Kg	130		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP082224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162379BS	4-Nitrophenol	3300	4300	ug/Kg	130		*		48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	2100	ug/Kg	124		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	4000	ug/Kg	118		*		60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	2100	ug/Kg	124		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3800	ug/Kg	115		*		67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	1500	ug/Kg	45				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1700	ug/Kg	100		*		42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	2100	ug/Kg	124		*		59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162379BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082224

SAS No.: BP082224 SDG NO.: BP082224

Lab File ID: BP021609.D

Lab Sample ID: PB162379BL

Instrument ID: BNA_P

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 11:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162379BS	PB162379BS	BP021610.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OU4-TS-11-080724

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082224

SAS No.: BP082224 SDG NO.: BP082224

Lab File ID: BP021618.D

Lab Sample ID: P3518-21

Instrument ID: BNA_P

Date Extracted: 08/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 17:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OU4-TS-11-080724	P3518-21	BP021618.D	08/22/2024
OU4-TS-09-080724	P3518-17	BP021619.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162876BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082224

SAS No.: BP082224 SDG NO.: BP082224

Lab File ID: BP021608.D

Lab Sample ID: PB162876BL

Instrument ID: BNA_P

Date Extracted: 08/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 10:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-904-J-SO-0.5-1-081924	P3671-02	BP021620.D	08/22/2024
S-903-J-SO-0-0.5-081924	P3671-11	BP021621.D	08/22/2024
S-905-KJ-SO-0-0.5-081924	P3671-06	BP021611.D	08/22/2024
S-905-KJ-SO-0-0.5-081924-FD	P3671-07	BP021612.D	08/22/2024
S-911-K1-SO-0-0.5-081924-FD	P3671-05	BP021613.D	08/22/2024
S-904-J-SO-0-0.5-081924	P3671-01	BP021614.D	08/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP082224

SAS No.: BP082224 SDG NO.: BP082224

Lab File ID: BP021615.D

Lab Sample ID: P3689-02

Instrument ID: BNA_P

Date Extracted: 08/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/22/2024

Level: (low/med) LOW

Time Analyzed: 15:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-1	P3689-02	BP021615.D	08/22/2024
WC-1MS	P3689-02MS	BP021616.D	08/22/2024
WC-1MSD	P3689-02MSD	BP021617.D	08/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3689-02MS		Client Sample ID: WC-1MS		DataFile: BP021616.D							
n-Nitrosodimethylamine	1200		820	ug/Kg	68				66	124	
Pyridine	1200		680	ug/Kg	57				45	119	
Benzaldehyde	1200		510	ug/Kg	43				10	86	
Aniline	1200		810	ug/Kg	68				10	88	
Phenol	1200		940	ug/Kg	78				67	126	
bis(2-Chloroethyl)ether	1200		810	ug/Kg	68				54	125	
2-Chlorophenol	1200		1000	ug/Kg	83				79	107	
1,2-Dichlorobenzene	1200		850	ug/Kg	71				61	105	
1,3-Dichlorobenzene	1200		840	ug/Kg	70				62	101	
1,4-Dichlorobenzene	1200		850	ug/Kg	71				63	104	
Benzyl Alcohol	1200		930	ug/Kg	78				47	126	
2-Methylphenol	1200		960	ug/Kg	80				66	122	
2,2-oxybis(1-Chloropropane)	1200		830	ug/Kg	69				65	110	
Acetophenone	1200		830	ug/Kg	69	*			75	111	
3+4-Methylphenols	1200		990	ug/Kg	83				66	104	
N-Nitroso-di-n-propylamine	1200		730	ug/Kg	61				59	119	
Hexachloroethane	1200		870	ug/Kg	73				65	117	
Nitrobenzene	1200		890	ug/Kg	74				70	119	
Isophorone	1200		790	ug/Kg	66	*			76	122	
2-Nitrophenol	1200		1300	ug/Kg	108				54	145	
2,4-Dimethylphenol	1200		1200	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1200		810	ug/Kg	68				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		830	ug/Kg	69				57	103	
Benzoic acid	1200		1400	ug/Kg	117	*			50	104	
Naphthalene	1200		870	ug/Kg	73				72	110	
4-Chloroaniline	1200		600	ug/Kg	50				10	91	
Hexachlorobutadiene	1200		820	ug/Kg	68				66	114	
Caprolactam	1200		1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		890	ug/Kg	74				59	123	
Hexachlorocyclopentadiene	2400		2700	ug/Kg	113				10	175	
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		850	ug/Kg	71	*			75	113	
2-Chloronaphthalene	1200		840	ug/Kg	70				67	118	
2-Nitroaniline	1200		1100	ug/Kg	92				69	127	
Dimethylphthalate	1200		900	ug/Kg	75				70	113	
Acenaphthylene	1200		950	ug/Kg	79				79	118	
2,6-Dinitrotoluene	1200		1000	ug/Kg	83				70	125	
3-Nitroaniline	1200		820	ug/Kg	68				30	99	
Acenaphthene	1200		1000	ug/Kg	83				70	121	
Total PAH	19200		14490	ug/Kg	75				70	121	
2,4-Dinitrophenol	2400		2400	ug/Kg	100				10	155	
4-Nitrophenol	2400		2300	ug/Kg	96				45	133	
Dibenzofuran	1200		890	ug/Kg	74				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2100	ug/Kg	88				55	128	
Diethylphthalate	1200		900	ug/Kg	75				70	112	
4-Chlorophenyl-phenylether	1200		830	ug/Kg	69	*			71	108	
Fluorene	1200		850	ug/Kg	71				68	116	
4-Nitroaniline	1200		1000	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1200		1300	ug/Kg	108				10	160	
N-Nitrosodiphenylamine	1200		880	ug/Kg	73				73	118	
Azobenzene	1200		800	ug/Kg	67	*			73	110	
4-Bromophenyl-phenylether	1200		850	ug/Kg	71				65	121	
Hexachlorobenzene	1200		850	ug/Kg	71				67	118	
Atrazine	1200		990	ug/Kg	83				79	127	
Pentachlorophenol	2400		2100	ug/Kg	88				47	128	
Phenanthrene	1200		910	ug/Kg	76				52	128	
Anthracene	1200		950	ug/Kg	79				62	124	
Carbazole	1200		920	ug/Kg	77				59	119	
Di-n-butylphthalate	1200		930	ug/Kg	78				69	118	
Fluoranthene	1200		910	ug/Kg	76				44	125	
Benzydine	2400		1700	ug/Kg	71				10	119	
Pyrene	1200		930	ug/Kg	78				26	142	
Butylbenzylphthalate	1200		1000	ug/Kg	83				64	126	
3,3-Dichlorobenzidine	1200		950	ug/Kg	79				33	116	
Benzo(a)anthracene	1200		910	ug/Kg	76				71	114	
Chrysene	1200		900	ug/Kg	75				57	121	
bis(2-Ethylhexyl)phthalate	1200		1000	ug/Kg	83				42	169	
Di-n-octyl phthalate	1200		1000	ug/Kg	83				23	175	
Benzo(b)fluoranthene	1200		860	ug/Kg	72				67	121	
Benzo(k)fluoranthene	1200		870	ug/Kg	73				57	134	
Benzo(a)pyrene	1200		940	ug/Kg	78				70	142	
Indeno(1,2,3-cd)pyrene	1200		920	ug/Kg	77				40	129	
Dibenz(a,h)anthracene	1200		890	ug/Kg	74				43	123	
Benzo(g,h,i)perylene	1200		830	ug/Kg	69				24	125	
1,2,4,5-Tetrachlorobenzene	1200		830	ug/Kg	69				69	124	
1,4-Dioxane	1200		700	ug/Kg	58				46	112	
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92				69	112	
1-Methylnaphthalene	1200		850	ug/Kg	71				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3689-02MSD		Client Sample ID: WC-1MSD		DataFile: BP021617.D							
n-Nitrosodimethylamine	1200		910	ug/Kg	76		11		66	124	20
Pyridine	1200		770	ug/Kg	64		12		45	119	20
Benzaldehyde	1200		580	ug/Kg	48		11		10	86	20
Aniline	1200		890	ug/Kg	74		8		10	88	20
Phenol	1200		1100	ug/Kg	92		16		67	126	20
bis(2-Chloroethyl)ether	1200		890	ug/Kg	74		8		54	125	20
2-Chlorophenol	1200		1100	ug/Kg	92		10		79	107	20
1,2-Dichlorobenzene	1200		940	ug/Kg	78		9		61	105	20
1,3-Dichlorobenzene	1200		930	ug/Kg	78		11		62	101	20
1,4-Dichlorobenzene	1200		940	ug/Kg	78		9		63	104	20
Benzyl Alcohol	1200		1000	ug/Kg	83		6		47	126	20
2-Methylphenol	1200		1100	ug/Kg	92		14		66	122	20
2,2-oxybis(1-Chloropropane)	1200		910	ug/Kg	76		10		65	110	20
Acetophenone	1200		920	ug/Kg	77		11		75	111	20
3+4-Methylphenols	1200		1100	ug/Kg	92		10		66	104	20
N-Nitroso-di-n-propylamine	1200		810	ug/Kg	68		11		59	119	20
Hexachloroethane	1200		950	ug/Kg	79		8		65	117	20
Nitrobenzene	1200		980	ug/Kg	82		10		70	119	20
Isophorone	1200		870	ug/Kg	73	*	10		76	122	20
2-Nitrophenol	1200		1400	ug/Kg	117		8		54	145	20
2,4-Dimethylphenol	1200		1300	ug/Kg	108		8		44	135	20
bis(2-Chloroethoxy)methane	1200		890	ug/Kg	74		8		68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1200		920	ug/Kg	77		11		57	103	20
Benzoic acid	1200		1500	ug/Kg	125	*	7		50	104	20
Naphthalene	1200		970	ug/Kg	81		10		72	110	20
4-Chloroaniline	1200		660	ug/Kg	55		10		10	91	20
Hexachlorobutadiene	1200		900	ug/Kg	75		10		66	114	20
Caprolactam	1200		1100	ug/Kg	92		10		51	134	20
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92		10		57	132	20
2-Methylnaphthalene	1200		980	ug/Kg	82		10		59	123	20
Hexachlorocyclopentadiene	2400		3000	ug/Kg	125		10		10	175	20
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100		8		72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1200		960	ug/Kg	80		12		75	113	20
2-Chloronaphthalene	1200		960	ug/Kg	80		13		67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100		8		69	127	20
Dimethylphthalate	1200		1000	ug/Kg	83		10		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		15		79	118	20
2,6-Dinitrotoluene	1200		1100	ug/Kg	92		10		70	125	20
3-Nitroaniline	1200		920	ug/Kg	77		12		30	99	20
Acenaphthene	1200		1100	ug/Kg	92		10		70	121	20
Total PAH	19200		16000	ug/Kg	83		10		70	121	20
2,4-Dinitrophenol	2400		2600	ug/Kg	108		8		10	155	20
4-Nitrophenol	2400		2600	ug/Kg	108		12		45	133	20
Dibenzofuran	1200		990	ug/Kg	83		11		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP082224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100		8		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2300	ug/Kg	96		9		55	128	20
Diethylphthalate	1200		990	ug/Kg	83		10		70	112	20
4-Chlorophenyl-phenylether	1200		920	ug/Kg	77		11		71	108	20
Fluorene	1200		960	ug/Kg	80		12		68	116	20
4-Nitroaniline	1200		1100	ug/Kg	92		10		55	120	20
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117		8		10	160	20
N-Nitrosodiphenylamine	1200		1000	ug/Kg	83		13		73	118	20
Azobenzene	1200		890	ug/Kg	74		10		73	110	20
4-Bromophenyl-phenylether	1200		950	ug/Kg	79		11		65	121	20
Hexachlorobenzene	1200		950	ug/Kg	79		11		67	118	20
Atrazine	1200		1100	ug/Kg	92		10		79	127	20
Pentachlorophenol	2400		2400	ug/Kg	100		13		47	128	20
Phenanthrene	1200		1000	ug/Kg	83		9		52	128	20
Anthracene	1200		1100	ug/Kg	92		15		62	124	20
Carbazole	1200		1000	ug/Kg	83		8		59	119	20
Di-n-butylphthalate	1200		1000	ug/Kg	83		6		69	118	20
Fluoranthene	1200		1000	ug/Kg	83		9		44	125	20
Benzidine	2400		2200	ug/Kg	92		26	*	10	119	20
Pyrene	1200		980	ug/Kg	82		5		26	142	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		10		64	126	20
3,3-Dichlorobenzidine	1200		1100	ug/Kg	92		15		33	116	20
Benzo(a)anthracene	1200		1000	ug/Kg	83		9		71	114	20
Chrysene	1200		1000	ug/Kg	83		10		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1100	ug/Kg	92		10		42	169	20
Di-n-octyl phthalate	1200		1100	ug/Kg	92		10		23	175	20
Benzo(b)fluoranthene	1200		930	ug/Kg	78		8		67	121	20
Benzo(k)fluoranthene	1200		950	ug/Kg	79		8		57	134	20
Benzo(a)pyrene	1200		1000	ug/Kg	83		6		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1000	ug/Kg	83		8		40	129	20
Dibenz(a,h)anthracene	1200		980	ug/Kg	82		10		43	123	20
Benzo(g,h,i)perylene	1200		930	ug/Kg	78		12		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		950	ug/Kg	79		14		69	124	20
1,4-Dioxane	1200		790	ug/Kg	66		13		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		8		69	112	20
1-Methylnaphthalene	1200		930	ug/Kg	78		9		70	130	20

Surrogate Summary

SW-846

SDG No.: BP082224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162379BL	PB162379BL	BP021609.D	2-Fluorophenol	150	139.49	93		18	112
			Phenol-d6	150	128.06	85		15	107
			Nitrobenzene-d5	100	99.76	100		18	107
			2-Fluorobiphenyl	100	87.88	88		20	109
			2,4,6-Tribromophenol	150	175.89	117	*	10	116
			Terphenyl-d14	100	89.10	89		10	105
PB162379BS	PB162379BS	BP021610.D	2-Fluorophenol	150	131.67	88		18	112
			Phenol-d6	150	127.47	85		15	107
			Nitrobenzene-d5	100	93.44	93		18	107
			2-Fluorobiphenyl	100	82.43	82		20	109
			2,4,6-Tribromophenol	150	160.36	107		10	116
			Terphenyl-d14	100	87.49	87		10	105

Surrogate Summary

SW-846

SDG No.: **BP082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3518-17	OU4-TS-09-080724BP021619.D		2-Fluorophenol	150	94.22	63		18	112
			Phenol-d6	150	90.05	60		15	107
			Nitrobenzene-d5	100	68.01	68		18	107
			2-Fluorobiphenyl	100	49.70	50		20	109
			2,4,6-Tribromophenol	150	104.69	70		10	116
			Terphenyl-d14	100	43.45	43		10	105
P3518-21	OU4-TS-11-080724BP021618.D		2-Fluorophenol	150	80.31	54		18	112
			Phenol-d6	150	78.07	52		15	107
			Nitrobenzene-d5	100	55.99	56		18	107
			2-Fluorobiphenyl	100	36.65	37		20	109
			2,4,6-Tribromophenol	150	86.56	58		10	116
			Terphenyl-d14	100	35.68	36		10	105

Surrogate Summary

SW-846

SDG No.: **BP082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3671-01	S-904-J-SO-0-0.5-0 BP021614.D		2-Fluorophenol	150	67.78	45		18	112
			Phenol-d6	150	68.56	46		15	107
			Nitrobenzene-d5	100	48.83	49		18	107
			2-Fluorobiphenyl	100	32.46	32		20	109
			2,4,6-Tribromophenol	150	83.48	56		10	116
			Terphenyl-d14	100	31.34	31		10	105
P3671-02	S-904-J-SO-0.5-1-0 BP021620.D		2-Fluorophenol	150	82.13	55		18	112
			Phenol-d6	150	84.49	56		15	107
			Nitrobenzene-d5	100	59.99	60		18	107
			2-Fluorobiphenyl	100	40.29	40		20	109
			2,4,6-Tribromophenol	150	100.98	67		10	116
			Terphenyl-d14	100	42.20	42		10	105
P3671-05	S-911-K1-SO-0-0.5 BP021613.D		2-Fluorophenol	150	69.47	46		18	112
			Phenol-d6	150	69.40	46		15	107
			Nitrobenzene-d5	100	52.88	53		18	107
			2-Fluorobiphenyl	100	41.19	41		20	109
			2,4,6-Tribromophenol	150	79.38	53		10	116
			Terphenyl-d14	100	37.68	38		10	105
P3671-06	S-905-KJ-SO-0-0.5-BP021611.D		2-Fluorophenol	150	85.06	57		18	112
			Phenol-d6	150	82.69	55		15	107
			Nitrobenzene-d5	100	61.16	61		18	107
			2-Fluorobiphenyl	100	42.71	43		20	109
			2,4,6-Tribromophenol	150	97.91	65		10	116
			Terphenyl-d14	100	39.57	40		10	105
P3671-07	S-905-KJ-SO-0-0.5-BP021612.D		2-Fluorophenol	150	84.96	57		18	112
			Phenol-d6	150	84.01	56		15	107
			Nitrobenzene-d5	100	59.77	60		18	107
			2-Fluorobiphenyl	100	38.11	38		20	109
			2,4,6-Tribromophenol	150	92.80	62		10	116
			Terphenyl-d14	100	40.01	40		10	105
P3671-11	S-903-J-SO-0-0.5-0 BP021621.D		2-Fluorophenol	150	46.47	31		18	112
			Phenol-d6	150	46.00	31		15	107
			Nitrobenzene-d5	100	30.55	31		18	107
			2-Fluorobiphenyl	100	17.63	18	*	20	109
			2,4,6-Tribromophenol	150	43.17	29		10	116
			Terphenyl-d14	100	21.89	22		10	105
PB162876BL	PB162876BL	BP021608.D	2-Fluorophenol	150	151.64	101		18	112
			Phenol-d6	150	138.59	92		15	107
			Nitrobenzene-d5	100	108.69	109	*	18	107
			2-Fluorobiphenyl	100	95.86	96		20	109
			2,4,6-Tribromophenol	150	195.45	130	*	10	116
			Terphenyl-d14	100	92.16	92		10	105

Surrogate Summary

SW-846

SDG No.: **BP082224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3689-02	WC-1	BP021615.D	2-Fluorophenol	150	117.02	78		18	112
			Phenol-d6	150	113.53	76		15	107
			Nitrobenzene-d5	100	80.80	81		18	107
			2-Fluorobiphenyl	100	60.02	60		20	109
			2,4,6-Tribromophenol	150	142.57	95		10	116
			Terphenyl-d14	100	57.72	58		10	105
P3689-02MS	WC-1MS	BP021616.D	2-Fluorophenol	150	93.39	62		18	112
			Phenol-d6	150	89.93	60		15	107
			Nitrobenzene-d5	100	63.58	64		18	107
			2-Fluorobiphenyl	100	45.93	46		20	109
			2,4,6-Tribromophenol	150	102.46	68		10	116
			Terphenyl-d14	100	44.97	45		10	105
P3689-02MSD	WC-1MSD	BP021617.D	2-Fluorophenol	150	104.97	70		18	112
			Phenol-d6	150	101.17	67		15	107
			Nitrobenzene-d5	100	70.32	70		18	107
			2-Fluorobiphenyl	100	51.04	51		20	109
			2,4,6-Tribromophenol	150	114.24	76		10	116
			Terphenyl-d14	100	47.81	48		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP082224

Lab Code: CHEM

SAS No.: BP082224 SDG NO.: BP082224

Lab File ID: BP021606.D

DFTPP Injection Date: 08/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.9 (19.5) 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	BP021607.D	08/22/2024	10:09
PB162876BL	PB162876BL	BP021608.D	08/22/2024	10:51
PB162379BL	PB162379BL	BP021609.D	08/22/2024	11:33
PB162379BS	PB162379BS	BP021610.D	08/22/2024	12:15
S-905-KJ-SO-0-0.5-081924	P3671-06	BP021611.D	08/22/2024	12:57
S-905-KJ-SO-0-0.5-081924-FD	P3671-07	BP021612.D	08/22/2024	13:39
S-911-K1-SO-0-0.5-081924-FD	P3671-05	BP021613.D	08/22/2024	14:21
S-904-J-SO-0-0.5-081924	P3671-01	BP021614.D	08/22/2024	15:04
WC-1	P3689-02	BP021615.D	08/22/2024	15:48
WC-1MS	P3689-02MS	BP021616.D	08/22/2024	16:31
WC-1MSD	P3689-02MSD	BP021617.D	08/22/2024	17:14
OU4-TS-11-080724	P3518-21	BP021618.D	08/22/2024	17:58
OU4-TS-09-080724	P3518-17	BP021619.D	08/22/2024	18:41
S-904-J-SO-0.5-1-081924	P3671-02	BP021620.D	08/22/2024	19:23
S-903-J-SO-0-0.5-081924	P3671-11	BP021621.D	08/22/2024	20:06
SSTDCCC040EC	SSTDCCC040	BP021622.D	08/22/2024	20:49