

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:13:20

Lab File ID: BP021044.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020695 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.443	0.010	-8.3985	40.0
Benzaldehyde	0.822	0.865	0.010	5.2505	40.0
Pyridine	1.312	1.182	0.010	-9.9024	40.0
Phenol	1.650	1.422	0.080	-13.7865	20.0
Bis(2-Chloroethyl) ether	1.363	1.134	0.100	-16.8252	20.0
2-Chlorophenol	1.346	1.183	0.200	-12.1256	20.0
2-Methylphenol	1.276	1.103	0.010	-13.5296	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.614	0.010	-18.0581	40.0
Acetophenone	2.090	1.791	0.060	-14.3099	20.0
4-Methylphenol	1.367	1.189	0.010	-13.0095	20.0
N-Nitroso-di-n-propylamine	1.095	0.892	0.050	-18.5396	30.0
Hexachloroethane	0.605	0.498	0.100	-17.7469	20.0
Nitrobenzene	0.372	0.336	0.050	-9.7896	25.0
Isophorone	0.740	0.638	0.050	-13.7027	25.0
2-Nitrophenol	0.185	0.175	0.050	-5.6806	25.0
2,4-Dimethylphenol	0.366	0.336	0.050	-8.0273	25.0
Bis(2-Chloroethoxy) methane	0.450	0.384	0.050	-14.7057	20.0
2,4-Dichlorophenol	0.317	0.290	0.060	-8.5613	20.0
Naphthalene	1.052	0.957	0.200	-9.0005	20.0
4-Chloroaniline	0.407	0.378	0.010	-6.9702	40.0
Hexachlorobutadiene	0.238	0.211	0.040	-11.1278	30.0
Caprolactam	0.098	0.098	0.010	0.5177	40.0
4-Chloro-3-methylphenol	0.344	0.319	0.040	-7.3881	25.0
1-Methylnaphthalene	0.743	0.671	0.100	-9.656	20.0
2-Methylnaphthalene	0.722	0.648	0.100	-10.292	20.0
Hexachlorocyclopentadiene	0.340	0.311	0.010	-8.5754	40.0
2,4,6-Trichlorophenol	0.410	0.373	0.090	-9.0754	25.0
2,4,5-Trichlorophenol	0.434	0.393	0.100	-9.5353	25.0
1,1-Biphenyl	1.462	1.333	0.200	-8.778	20.0
2-Chloronaphthalene	1.167	1.074	0.300	-7.9311	20.0
2-Nitroaniline	0.323	0.310	0.050	-3.9738	40.0
Dimethylphthalate	1.475	1.367	0.300	-7.3401	20.0
2,6-Dinitrotoluene	0.295	0.279	0.080	-5.5093	30.0
Acenaphthylene	1.848	1.737	0.400	-6.042	20.0
3-Nitroaniline	0.257	0.277	0.010	8.0415	40.0
Acenaphthene	1.227	1.146	0.200	-6.5673	20.0
2,4-Dinitrophenol	0.155	0.108	0.010	-29.9494	40.0
4-Nitrophenol	0.168	0.172	0.010	2.4887	40.0
Dibenzofuran	1.680	1.576	0.300	-6.1709	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:13:20

Lab File ID: BP021044.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020695 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.405	0.070	0.0517	30.0
Diethylphthalate	1.474	1.360	0.300	-7.7466	20.0
Fluorene	1.371	1.319	0.200	-3.8126	20.0
4-Chlorophenyl-phenylether	0.744	0.677	0.100	-8.9935	20.0
4-Nitroaniline	0.213	0.281	0.010	32.1449	40.0
4,6-Dinitro-2-methylphenol	0.128	0.108	0.010	-15.4932	40.0
N-Nitrosodiphenylamine	0.582	0.506	0.050	-13.1977	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.598	0.100	-7.8888	20.0
4-Bromophenyl-phenylether	0.234	0.199	0.070	-14.9549	20.0
Hexachlorobenzene	0.269	0.236	0.050	-12.1377	25.0
Atrazine	0.212	0.206	0.010	-3.054	25.0
Pentachlorophenol	0.146	0.101	0.010	-30.9647	40.0
Phenanthrene	1.038	0.973	0.200	-6.2653	20.0
Pentachlorobenzene	0.318	0.272	0.050	-14.4027	20.0
Anthracene	1.058	0.991	0.200	-6.3494	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.266	0.050	-16.7916	20.0
Carbazole	0.865	0.890	0.050	2.9512	40.0
Di-n-butylphthalate	1.193	1.100	0.500	-7.7956	25.0
Fluoranthene	1.493	1.186	0.400	-20.5596	25.0
Pyrene	1.520	1.244	0.400	-18.1386	25.0
Butylbenzylphthalate	0.633	0.530	0.100	-16.3177	40.0
3,3-Dichlorobenzidine	0.457	0.426	0.010	-6.8093	40.0
Benzo (a) anthracene	1.401	1.252	0.300	-10.6443	30.0
Chrysene	1.302	1.209	0.200	-7.1005	30.0
Bis (2-ethylhexyl) phthalate	0.911	0.766	0.200	-15.9124	40.0
Di-n-octyl phthalate	1.321	1.099	0.010	-16.8393	40.0
Benzo (b) fluoranthene	1.214	1.077	0.200	-11.232	25.0
Benzo (k) fluoranthene	1.211	1.072	0.200	-11.5035	25.0
Benzo (a) pyrene	1.147	1.024	0.200	-10.7094	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.324	0.200	-10.4203	25.0
Dibenzo (a,h) anthracene	1.224	1.105	0.200	-9.7089	30.0
Benzo (g,h,i) perylene	1.204	1.087	0.200	-9.6973	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.325	0.040	-12.5327	20.0
1,4-Dioxane-d8	0.440	0.433	0.010	-1.3852	25.0
Pyridine-d5	1.272	1.159	0.010	-8.8841	40.0
Phenol-d5	1.631	1.420	0.010	-12.9206	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.816	0.050	-17.4614	25.0
2-Chlorophenol-d4	1.343	1.178	0.200	-12.3386	20.0
4-Methylphenol-d8	1.354	1.156	0.010	-14.6631	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824
 Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:13:20
 Lab File ID: BP021044.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020695 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.144	0.050	-7.285	20.0
2-Nitrophenol-d4	0.178	0.166	0.050	-6.4977	30.0
2,4-Dichlorophenol-d3	0.322	0.294	0.060	-8.6743	20.0
4-Chloroaniline-d4	0.426	0.397	0.010	-6.734	40.0
Dimethylphthalate-d6	1.454	1.353	0.300	-6.9657	20.0
Acenaphthylene-d8	1.633	1.528	0.400	-6.4241	20.0
4-Nitrophenol-d4	0.207	0.252	0.010	22.0259	40.0
Fluorene-d10	1.193	1.152	0.100	-3.4273	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.102	0.010	-15.7477	40.0
Anthracene-d10	0.888	0.836	0.300	-5.8476	20.0
Pyrene-d10	1.236	1.006	0.300	-18.6215	25.0
Benzo(a)pyrene-d12	0.986	0.903	0.010	-8.4891	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:00:05

Lab File ID: BP021058.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020696 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.430	0.010	-10.9616	40.0
Benzaldehyde	0.822	0.891	0.010	8.361	40.0
Pyridine	1.312	1.179	0.010	-10.1748	40.0
Phenol	1.650	1.475	0.080	-10.6045	20.0
Bis(2-Chloroethyl)ether	1.363	1.151	0.100	-15.5676	20.0
2-Chlorophenol	1.346	1.208	0.200	-10.2709	20.0
2-Methylphenol	1.276	1.150	0.010	-9.8909	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.626	0.010	-17.4197	40.0
Acetophenone	2.090	1.833	0.060	-12.2945	20.0
4-Methylphenol	1.367	1.197	0.010	-12.4289	20.0
N-Nitroso-di-n-propylamine	1.095	0.889	0.050	-18.79	30.0
Hexachloroethane	0.605	0.504	0.100	-16.7271	20.0
Nitrobenzene	0.372	0.336	0.050	-9.6835	25.0
Isophorone	0.740	0.635	0.050	-14.165	25.0
2-Nitrophenol	0.185	0.172	0.050	-7.5037	25.0
2,4-Dimethylphenol	0.366	0.328	0.050	-10.3368	25.0
Bis(2-Chloroethoxy)methane	0.450	0.377	0.050	-16.1097	20.0
2,4-Dichlorophenol	0.317	0.282	0.060	-10.8607	20.0
Naphthalene	1.052	0.942	0.200	-10.465	20.0
4-Chloroaniline	0.407	0.370	0.010	-8.9724	40.0
Hexachlorobutadiene	0.238	0.201	0.040	-15.5942	30.0
Caprolactam	0.098	0.095	0.010	-2.3629	40.0
4-Chloro-3-methylphenol	0.344	0.307	0.040	-10.9359	25.0
1-Methylnaphthalene	0.743	0.656	0.100	-11.7212	20.0
2-Methylnaphthalene	0.722	0.635	0.100	-12.0693	20.0
Hexachlorocyclopentadiene	0.340	0.322	0.010	-5.0893	40.0
2,4,6-Trichlorophenol	0.410	0.366	0.090	-10.8826	25.0
2,4,5-Trichlorophenol	0.434	0.382	0.100	-12.0236	25.0
1,1-Biphenyl	1.462	1.288	0.200	-11.8819	20.0
2-Chloronaphthalene	1.167	1.054	0.300	-9.6708	20.0
2-Nitroaniline	0.323	0.309	0.050	-4.3876	40.0
Dimethylphthalate	1.475	1.333	0.300	-9.6689	20.0
2,6-Dinitrotoluene	0.295	0.273	0.080	-7.5381	30.0
Acenaphthylene	1.848	1.710	0.400	-7.4637	20.0
3-Nitroaniline	0.257	0.281	0.010	9.3724	40.0
Acenaphthene	1.227	1.136	0.200	-7.3903	20.0
2,4-Dinitrophenol	0.155	0.157	0.010	1.4792	40.0
4-Nitrophenol	0.168	0.181	0.010	7.306	40.0
Dibenzofuran	1.680	1.562	0.300	-6.9964	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:00:05

Lab File ID: BP021058.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020696 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.414	0.070	2.276	30.0
Diethylphthalate	1.474	1.301	0.300	-11.7385	20.0
Fluorene	1.371	1.313	0.200	-4.2487	20.0
4-Chlorophenyl-phenylether	0.744	0.665	0.100	-10.5756	20.0
4-Nitroaniline	0.213	0.268	0.010	25.9227	40.0
4,6-Dinitro-2-methylphenol	0.128	0.105	0.010	-18.1301	40.0
N-Nitrosodiphenylamine	0.582	0.496	0.050	-14.855	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.576	0.100	-11.2779	20.0
4-Bromophenyl-phenylether	0.234	0.193	0.070	-17.7574	20.0
Hexachlorobenzene	0.269	0.234	0.050	-12.9949	25.0
Atrazine	0.212	0.189	0.010	-10.8295	25.0
Pentachlorophenol	0.146	0.174	0.010	19.4794	40.0
Phenanthrene	1.038	0.962	0.200	-7.3102	20.0
Pentachlorobenzene	0.318	0.261	0.050	-17.987	20.0
Anthracene	1.058	0.987	0.200	-6.7113	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.258	0.050	-19.3925	20.0
Carbazole	0.865	0.885	0.050	2.3103	40.0
Di-n-butylphthalate	1.193	0.992	0.500	-16.8453	25.0
Fluoranthene	1.493	1.176	0.400	-21.2349	25.0
Pyrene	1.520	1.233	0.400	-18.8312	25.0
Butylbenzylphthalate	0.633	0.485	0.100	-23.4626	40.0
3,3-Dichlorobenzidine	0.457	0.404	0.010	-11.6043	40.0
Benzo (a) anthracene	1.401	1.247	0.300	-10.998	30.0
Chrysene	1.302	1.178	0.200	-9.516	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.666	0.200	-26.9433	40.0
Di-n-octyl phthalate	1.321	0.914	0.010	-30.8331	40.0
Benzo (b) fluoranthene	1.214	1.036	0.200	-14.6307	25.0
Benzo (k) fluoranthene	1.211	1.079	0.200	-10.9	25.0
Benzo (a) pyrene	1.147	1.019	0.200	-11.1919	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.351	0.200	-8.5703	25.0
Dibenzo (a,h) anthracene	1.224	1.106	0.200	-9.6439	30.0
Benzo (g,h,i) perylene	1.204	1.108	0.200	-7.9103	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.332	0.040	-10.6634	20.0
1,4-Dioxane-d8	0.440	0.391	0.010	-11.1255	25.0
Pyridine-d5	1.272	1.143	0.010	-10.1859	40.0
Phenol-d5	1.631	1.464	0.010	-10.2409	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.843	0.050	-14.7128	25.0
2-Chlorophenol-d4	1.343	1.203	0.200	-10.4457	20.0
4-Methylphenol-d8	1.354	1.179	0.010	-12.9697	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824
 Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:00:05
 Lab File ID: BP021058.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020696 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.143	0.050	-7.7235	20.0
2-Nitrophenol-d4	0.178	0.162	0.050	-8.9894	30.0
2,4-Dichlorophenol-d3	0.322	0.286	0.060	-10.9516	20.0
4-Chloroaniline-d4	0.426	0.397	0.010	-6.8612	40.0
Dimethylphthalate-d6	1.454	1.309	0.300	-9.9971	20.0
Acenaphthylene-d8	1.633	1.515	0.400	-7.2021	20.0
4-Nitrophenol-d4	0.207	0.265	0.010	28.309	40.0
Fluorene-d10	1.193	1.138	0.100	-4.6197	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.100	0.010	-17.2141	40.0
Anthracene-d10	0.888	0.823	0.300	-7.3901	20.0
Pyrene-d10	1.236	1.015	0.300	-17.9092	25.0
Benzo(a)pyrene-d12	0.986	0.883	0.010	-10.4503	20.0

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.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:10:42

Lab File ID: BP021072.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020697 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.446	0.010	-7.6832	50.0
Benzaldehyde	0.822	0.909	0.010	10.593	50.0
Pyridine	1.312	1.209	0.010	-7.8824	50.0
Phenol	1.650	1.492	0.080	-9.5468	50.0
Bis(2-Chloroethyl)ether	1.363	1.174	0.100	-13.8948	50.0
2-Chlorophenol	1.346	1.247	0.200	-7.4181	50.0
2-Methylphenol	1.276	1.146	0.010	-10.2259	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.654	0.010	-16.0285	50.0
Acetophenone	2.090	1.816	0.060	-13.1116	50.0
4-Methylphenol	1.367	1.217	0.010	-10.9764	50.0
N-Nitroso-di-n-propylamine	1.095	0.890	0.050	-18.7356	50.0
Hexachloroethane	0.605	0.521	0.100	-13.9691	50.0
Nitrobenzene	0.372	0.353	0.050	-5.1068	50.0
Isophorone	0.740	0.645	0.050	-12.8544	50.0
2-Nitrophenol	0.185	0.177	0.050	-4.5899	50.0
2,4-Dimethylphenol	0.366	0.342	0.050	-6.5061	50.0
Bis(2-Chloroethoxy)methane	0.450	0.383	0.050	-14.7922	50.0
2,4-Dichlorophenol	0.317	0.298	0.060	-5.8976	50.0
Naphthalene	1.052	0.986	0.200	-6.3159	50.0
4-Chloroaniline	0.407	0.391	0.010	-3.8627	50.0
Hexachlorobutadiene	0.238	0.208	0.040	-12.3218	50.0
Caprolactam	0.098	0.096	0.010	-1.7567	50.0
4-Chloro-3-methylphenol	0.344	0.322	0.040	-6.5875	50.0
1-Methylnaphthalene	0.743	0.673	0.100	-9.3749	50.0
2-Methylnaphthalene	0.722	0.659	0.100	-8.7494	50.0
Hexachlorocyclopentadiene	0.340	0.276	0.010	-18.7551	50.0
2,4,6-Trichlorophenol	0.410	0.380	0.090	-7.4828	50.0
2,4,5-Trichlorophenol	0.434	0.397	0.100	-8.5644	50.0
1,1-Biphenyl	1.462	1.319	0.200	-9.7822	50.0
2-Chloronaphthalene	1.167	1.069	0.300	-8.3461	50.0
2-Nitroaniline	0.323	0.322	0.050	-0.2681	50.0
Dimethylphthalate	1.475	1.305	0.300	-11.5075	50.0
2,6-Dinitrotoluene	0.295	0.277	0.080	-6.0702	50.0
Acenaphthylene	1.848	1.753	0.400	-5.1475	50.0
3-Nitroaniline	0.257	0.286	0.010	11.3917	50.0
Acenaphthene	1.227	1.144	0.200	-6.7222	50.0
2,4-Dinitrophenol	0.155	0.159	0.010	2.6929	50.0
4-Nitrophenol	0.168	0.191	0.010	13.7078	50.0
Dibenzofuran	1.680	1.579	0.300	-5.995	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824

Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:10:42

Lab File ID: BP021072.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020697 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.420	0.070	3.6621	50.0
Diethylphthalate	1.474	1.308	0.300	-11.2515	50.0
Fluorene	1.371	1.291	0.200	-5.8017	50.0
4-Chlorophenyl-phenylether	0.744	0.668	0.100	-10.2094	50.0
4-Nitroaniline	0.213	0.294	0.010	38.1454	50.0
4,6-Dinitro-2-methylphenol	0.128	0.102	0.010	-20.2627	50.0
N-Nitrosodiphenylamine	0.582	0.510	0.050	-12.3736	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.595	0.100	-8.3559	50.0
4-Bromophenyl-phenylether	0.234	0.197	0.070	-15.7991	50.0
Hexachlorobenzene	0.269	0.237	0.050	-11.6479	50.0
Atrazine	0.212	0.194	0.010	-8.471	50.0
Pentachlorophenol	0.146	0.153	0.010	4.5096	50.0
Phenanthrene	1.038	0.968	0.200	-6.7233	50.0
Pentachlorobenzene	0.318	0.267	0.050	-15.98	50.0
Anthracene	1.058	0.993	0.200	-6.0989	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.272	0.050	-15.0535	50.0
Carbazole	0.865	0.908	0.050	4.9683	50.0
Di-n-butylphthalate	1.193	1.039	0.500	-12.8886	50.0
Fluoranthene	1.493	1.217	0.400	-18.4724	50.0
Pyrene	1.520	1.272	0.400	-16.3062	50.0
Butylbenzylphthalate	0.633	0.500	0.100	-20.9955	50.0
3,3-Dichlorobenzidine	0.457	0.406	0.010	-11.1932	50.0
Benzo (a) anthracene	1.401	1.285	0.300	-8.2618	50.0
Chrysene	1.302	1.205	0.200	-7.4561	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.679	0.200	-25.4962	50.0
Di-n-octyl phthalate	1.321	0.974	0.010	-26.2511	50.0
Benzo (b) fluoranthene	1.214	1.077	0.200	-11.2451	50.0
Benzo (k) fluoranthene	1.211	1.089	0.200	-10.1222	50.0
Benzo (a) pyrene	1.147	1.040	0.200	-9.3211	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.349	0.200	-8.7503	50.0
Dibenzo (a,h) anthracene	1.224	1.116	0.200	-8.8276	50.0
Benzo (g,h,i) perylene	1.204	1.095	0.200	-9.0091	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.334	0.040	-10.0814	50.0
1,4-Dioxane-d8	0.440	0.420	0.010	-4.522	50.0
Pyridine-d5	1.272	1.156	0.010	-9.1117	50.0
Phenol-d5	1.631	1.471	0.010	-9.7946	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.847	0.050	-14.3191	50.0
2-Chlorophenol-d4	1.343	1.245	0.200	-7.325	50.0
4-Methylphenol-d8	1.354	1.186	0.010	-12.4043	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG No.: BP071824
Instrument ID: BNA_P Calibration Date/Time: 7/19/2024 1:10:42
Lab File ID: BP021072.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020697 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.149	0.050	-4.2283	50.0
2-Nitrophenol-d4	0.178	0.169	0.050	-4.8235	50.0
2,4-Dichlorophenol-d3	0.322	0.301	0.060	-6.2513	50.0
4-Chloroaniline-d4	0.426	0.406	0.010	-4.5602	50.0
Dimethylphthalate-d6	1.454	1.303	0.300	-10.3674	50.0
Acenaphthylene-d8	1.633	1.558	0.400	-4.5658	50.0
4-Nitrophenol-d4	0.207	0.276	0.010	33.323	50.0
Fluorene-d10	1.193	1.151	0.100	-3.4943	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.093	0.010	-22.8289	50.0
Anthracene-d10	0.888	0.842	0.300	-5.266	50.0
Pyrene-d10	1.236	1.039	0.300	-15.9485	50.0
Benzo(a)pyrene-d12	0.986	0.914	0.010	-7.2976	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SBLK120	SDG No.:	BP071824
Lab Sample ID:	PB162120BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021045.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SBLK120	SDG No.:	BP071824
Lab Sample ID:	PB162120BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021045.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SBLK120	SDG No.:	BP071824
Lab Sample ID:	PB162120BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021045.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.815		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.614		20-120		69	SPK: -40
4165-62-2	Phenol-d5	27.486		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.194		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.704		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.005		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.08		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.702		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.547		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.657		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.826		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.539		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.9		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	30.961		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SBLK120	SDG No.:	BP071824
Lab Sample ID:	PB162120BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021045.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.785		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	30.884		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	28.275		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.921		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154364	7.687				
1146-65-2	Naphthalene-d8	621483	10.446				
15067-26-2	Acenaphthene-d10	427959	14.31				
1517-22-2	Phenanthrene-d10	940907	17.116				
1719-03-5	Chrysene-d12	908222	21.574				
1520-96-3	Perylene-d12	1092071	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ2	SDG No.:	BP071824
Lab Sample ID:	P3201-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021046.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.1	110	ug/Kg
100-52-7	Benzaldehyde	76	U	76	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	72	U	72	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	67	U	67	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	71.5	290	ug/Kg
95-48-7	2-Methylphenol	66	U	66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	67	U	67	140	560	ug/Kg
106-44-5	4-Methylphenol	62	U	62	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	71.5	290	ug/Kg
67-72-1	Hexachloroethane	30	U	30	71.5	290	ug/Kg
98-95-3	Nitrobenzene	52	U	52	71.5	290	ug/Kg
78-59-1	Isophorone	81	U	81	71.5	290	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	71.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	71.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	71.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	71.5	290	ug/Kg
91-20-3	Naphthalene	42	U	42	71.5	290	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	71.5	560	ug/Kg
87-68-3	Hexachlorobutadiene	74	U	74	71.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	71.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	71.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	71.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	71.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	71.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ2	SDG No.:	BP071824
Lab Sample ID:	P3201-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021046.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	71.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	71.5	290	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	71.5	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	71.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	74	U	74	71.5	290	ug/Kg
208-96-8	Acenaphthylene	54	U	54	71.5	290	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	71.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	81	U	81	140	560	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	140	560	ug/Kg
132-64-9	Dibenzofuran	54	U	54	71.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	72	U	72	71.5	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	71.5	290	ug/Kg
86-73-7	Fluorene	42	U	42	71.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	71.5	290	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	71.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	71.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	71.5	290	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	71.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	560	ug/Kg
85-01-8	Phenanthrene	77	J	49	71.5	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	71.5	290	ug/Kg
120-12-7	Anthracene	42	U	42	71.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	84	U	84	71.5	290	ug/Kg
86-74-8	Carbazole	47	U	47	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	71.5	290	ug/Kg
206-44-0	Fluoranthene	110	J	91	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ2	SDG No.:	BP071824
Lab Sample ID:	P3201-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021046.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	82	71.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	71.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81	U	81	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	56	J	45	71.5	290	ug/Kg
218-01-9	Chrysene	57	J	52	71.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	71.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	J	56	71.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	71.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	71.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	71.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	71.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	71.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	71.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.36		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.149		20-120		53	SPK: -40
4165-62-2	Phenol-d5	26.643		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.469		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.696		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.967		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.513		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.052		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.825		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.445		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.385		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.645		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.971		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	29.873		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ2	SDG No.:	BP071824
Lab Sample ID:	P3201-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021046.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.85		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	29.677		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	27.035		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.909		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142086	7.687				
1146-65-2	Naphthalene-d8	569651	10.44				
15067-26-2	Acenaphthene-d10	379869	14.316				
1517-22-2	Phenanthrene-d10	830448	17.122				
1719-03-5	Chrysene-d12	815873	21.569				
1520-96-3	Perylene-d12	988884	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	360	J			18.063	
	(DEL) Alkane: Straight-Chain	210	J			21.227	
E966796	Total Alkanes	210				99	ug/Kg



Client:			Date Collected:	7/9/2024 12:00:00 AM	
Project:			Date Received:	7/9/2024 12:00:00 AM	
Client Sample ID:	A4BZ3		SDG No.:	BP071824	
Lab Sample ID:	P3201-05		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	13.6	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	500	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
BP021047.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.2	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.2	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.2	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49	200	ug/Kg
78-59-1	Isophorone	55	U	55	49	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ3	SDG No.:	BP071824
Lab Sample ID:	P3201-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021047.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.2	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.2	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49	200	ug/Kg
86-73-7	Fluorene	29	U	29	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	49	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	95.2	380	ug/Kg
85-01-8	Phenanthrene	120	J	33	49	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	49	200	ug/Kg
206-44-0	Fluoranthene	240		62	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ3	SDG No.:	BP071824
Lab Sample ID:	P3201-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021047.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	57	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	31	49	200	ug/Kg
218-01-9	Chrysene	150	J	36	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	J	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	46	J	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	J	36	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.75		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	2.749	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	23.725		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.876		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.836		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	21.379		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.087		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.229		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.203		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.099		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.384		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.97		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.281		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	26.339		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ3	SDG No.:	BP071824
Lab Sample ID:	P3201-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021047.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.201		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.218		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	16.012		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.679		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150357	7.687				
1146-65-2	Naphthalene-d8	583999	10.44				
15067-26-2	Acenaphthene-d10	377354	14.304				
1517-22-2	Phenanthrene-d10	843432	17.122				
1719-03-5	Chrysene-d12	911972	21.563				
1520-96-3	Perylene-d12	1148358	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	290	J			18.045	
000057-11-4	Octadecanoic acid	85	J			19.381	
015594-90-8	1-Heneicosanol	180	J			21.21	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ4	SDG No.:	BP071824
Lab Sample ID:	P3201-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021048.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	85	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.4	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.4	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.4	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.4	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.4	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.4	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.4	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.4	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.4	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ4	SDG No.:	BP071824
Lab Sample ID:	P3201-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021048.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.4	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.4	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.4	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.4	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.4	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.4	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.4	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.4	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.4	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	190	J	37	54.4	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.4	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.4	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.4	220	ug/Kg
206-44-0	Fluoranthene	250		69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ4	SDG No.:	BP071824
Lab Sample ID:	P3201-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021048.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	63	54.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	35	54.4	220	ug/Kg
218-01-9	Chrysene	140	J	40	54.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	42	54.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	J	49	54.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	45	J	41	54.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.358		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.593	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.962		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.252		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.474		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.826		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.637		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.628		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.281		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.233		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.073		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.203		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.68		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	21.713		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BZ4	SDG No.:	BP071824
Lab Sample ID:	P3201-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021048.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.377		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	21.55		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	13.626		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.633		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139469	7.687				
1146-65-2	Naphthalene-d8	551267	10.452				
15067-26-2	Acenaphthene-d10	359367	14.304				
1517-22-2	Phenanthrene-d10	777412	17.128				
1719-03-5	Chrysene-d12	769596	21.575				
1520-96-3	Perylene-d12	938918	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.057	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH7	SDG No.:	BP071824
Lab Sample ID:	P3201-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021049.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	73	ug/Kg
100-52-7	Benzaldehyde	50	U	50	90.8	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.8	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.8	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.8	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.8	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.8	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH7	SDG No.:	BP071824
Lab Sample ID:	P3201-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021049.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.8	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.8	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.8	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.8	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.8	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.8	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.8	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.8	360	ug/Kg
85-01-8	Phenanthrene	150	J	32	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.8	190	ug/Kg
206-44-0	Fluoranthene	220		59	90.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH7	SDG No.:	BP071824
Lab Sample ID:	P3201-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021049.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	54	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	30	46.8	190	ug/Kg
218-01-9	Chrysene	120	J	34	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	90.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	36	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	55	J	35	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	J	34	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.879		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.494		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.584		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.938		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	12.92		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	14.672		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.89		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.832		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.837		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.671		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.023		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.867		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	17.036		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH7	SDG No.:	BP071824
Lab Sample ID:	P3201-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021049.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.063		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	16.124		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	13.457		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.498		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136265	7.681				
1146-65-2	Naphthalene-d8	544700	10.457				
15067-26-2	Acenaphthene-d10	344409	14.316				
1517-22-2	Phenanthrene-d10	760124	17.128				
1719-03-5	Chrysene-d12	753183	21.569				
1520-96-3	Perylene-d12	949880	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.051	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4	SDG No.:	BP071824
Lab Sample ID:	P3260-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021050.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4	SDG No.:	BP071824
Lab Sample ID:	P3260-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021050.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4	SDG No.:	BP071824
Lab Sample ID:	P3260-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021050.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.172		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	5.334	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.655		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.794		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.824		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.16		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	32.26		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.154		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.811		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.175		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.116		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.221		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.458		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	34.859		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4	SDG No.:	BP071824
Lab Sample ID:	P3260-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021050.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.825		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	37.141		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	32.065		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.98		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140625	7.687				
1146-65-2	Naphthalene-d8	548271	10.452				
15067-26-2	Acenaphthene-d10	344754	14.31				
1517-22-2	Phenanthrene-d10	752823	17.122				
1719-03-5	Chrysene-d12	805505	21.569				
1520-96-3	Perylene-d12	1046953	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
000124-07-2	Octanoic acid	2.4	J			9.81	
000057-10-3	n-Hexadecanoic acid	2.2	J			18.045	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MS	SDG No.:	BP071824
Lab Sample ID:	P3260-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021051.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	33		1.1	5	10	ug/L
110-86-1	Pyridine	9.5	J	1.7	10	10	ug/L
108-95-2	Phenol	9	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	22		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	20		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	23		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.5	5	ug/L
91-20-3	Naphthalene	30		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	7.7	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MS	SDG No.:	BP071824
Lab Sample ID:	P3260-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021051.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		1.6	5	10	ug/L
83-32-9	Acenaphthene	33		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	16		1.4	5	10	ug/L
132-64-9	Dibenzofuran	36		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.3	2.5	5	ug/L
86-73-7	Fluorene	37		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	54		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.2	2.5	5	ug/L
1912-24-9	Atrazine	28		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.9	5	10	ug/L
85-01-8	Phenanthrene	38		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	37		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	45		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MS	SDG No.:	BP071824
Lab Sample ID:	P3260-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021051.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	23		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.1	2.5	5	ug/L
218-01-9	Chrysene	38		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	34		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	38		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.409		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	7.935		20-120		20	SPK: -40
4165-62-2	Phenol-d5	8.363		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.898		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.169		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.421		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	31.585		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.228		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.409		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.88		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.508		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.225		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.561		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	36.162		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MS	SDG No.:	BP071824
Lab Sample ID:	P3260-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021051.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.253		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	38.382		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	32.964		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.285		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127176	7.687				
1146-65-2	Naphthalene-d8	506937	10.446				
15067-26-2	Acenaphthene-d10	326578	14.304				
1517-22-2	Phenanthrene-d10	710475	17.128				
1719-03-5	Chrysene-d12	756782	21.569				
1520-96-3	Perylene-d12	945239	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MSD	SDG No.:	BP071824
Lab Sample ID:	P3260-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021052.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8		0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	31		1.1	5.1	10	ug/L
110-86-1	Pyridine	8.8	J	1.7	10.1	10	ug/L
108-95-2	Phenol	8.7	J	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	26		0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	22		1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5.1	10	ug/L
98-86-2	Acetophenone	29		1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	19		1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	22		1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5.1	ug/L
78-59-1	Isophorone	28		1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	24		0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	28		0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	23		0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	7.2	J	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	29		0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	29		1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	12		3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MSD	SDG No.:	BP071824
Lab Sample ID:	P3260-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021052.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	37		1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	33		1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	31		1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	39		1.6	5.1	10	ug/L
83-32-9	Acenaphthene	31		0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	16		1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	33		1.3	2.5	5.1	ug/L
86-73-7	Fluorene	35		0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	51		0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	30		0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	26		1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	32		1.9	5.1	10	ug/L
85-01-8	Phenanthrene	36		1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	29		1.7	2.5	5.1	ug/L
120-12-7	Anthracene	36		1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		1.7	2.5	5.1	ug/L
86-74-8	Carbazole	42		1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	30		1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MSD	SDG No.:	BP071824
Lab Sample ID:	P3260-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021052.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	30		2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	22		1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	35		1.1	2.5	5.1	ug/L
218-01-9	Chrysene	36		1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	29		2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	32		1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	37		1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.152		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	7.266	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.933		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.439		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.989		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.23		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.411		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.631		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.218		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.101		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.77		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.797		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.765		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	32.848		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	E08F4MSD	SDG No.:	BP071824
Lab Sample ID:	P3260-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021052.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.101		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	35.229		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	30.956		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.258		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128698	7.681				
1146-65-2	Naphthalene-d8	522513	10.451				
15067-26-2	Acenaphthene-d10	337628	14.31				
1517-22-2	Phenanthrene-d10	736943	17.133				
1719-03-5	Chrysene-d12	775286	21.574				
1520-96-3	Perylene-d12	961649	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08F9	SDG No.:	BP071824
Lab Sample ID:	P3260-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021053.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08F9	SDG No.:	BP071824
Lab Sample ID:	P3260-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021053.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08F9	SDG No.:	BP071824
Lab Sample ID:	P3260-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021053.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.431		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	7.234	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.742		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.465		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.882		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.902		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	28.375		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.553		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.523		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.86		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.32		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.217		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.414		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	31.732		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08F9	SDG No.:	BP071824
Lab Sample ID:	P3260-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021053.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.62		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	35.268		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	31.536		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.492		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129779	7.681				
1146-65-2	Naphthalene-d8	515053	10.446				
15067-26-2	Acenaphthene-d10	332870	14.316				
1517-22-2	Phenanthrene-d10	712350	17.122				
1719-03-5	Chrysene-d12	708132	21.58				
1520-96-3	Perylene-d12	884867	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3	J			18.063	
000057-11-4	Octadecanoic acid	2	J			19.398	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	1.1	J	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.7	J	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	3.1	J	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.969		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	7.675	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	13.295		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.316		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.129		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	25.265		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	37.415		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.112		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.873		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.034		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.275		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	38.128		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.37		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	40.104		25-125		100	SPK: -40

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.918		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	41.336		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	36.785		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.775		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141806	7.687				
1146-65-2	Naphthalene-d8	564208	10.452				
15067-26-2	Acenaphthene-d10	365177	14.316				
1517-22-2	Phenanthrene-d10	772445	17.128				
1719-03-5	Chrysene-d12	757401	21.569				
1520-96-3	Perylene-d12	927483	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	4.6	J			5.37	
	(DEL) Alkane: Straight-Chain5.722	6.2	J			5.722	
000611-14-3	Benzene, 1-ethyl-2-methyl-	4.8	J			6.787	
	(DEL) Alkane: Straight-Chain7.293	10	J			7.293	
	(DEL) Alkane: Straight-Chain8.175	4.6	J			8.175	
000135-01-3	Benzene, 1,2-diethyl-	9.7	J			8.305	
000527-84-4	o-Cymene	7.3	J			8.758	
	unknown-01	5.8	J			9.011	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.4	J			9.099	
002547-27-5	trans-4a-Methyl-decahydronaphthale	4.9	J			9.622	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	9.5	J			9.693	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	11	J			9.846	
	(DEL) Alkane: Straight-Chain10.399	33	J			10.399	
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	8.6	J			10.905	
005810-55-9	N-(Piperidin-3-yl)acetamide	15	J			11.116	
	(DEL) Alkane: Straight-Chain11.263	10	J			11.263	
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	13	J			11.34	

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain11.434	11	J			11.434	
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	4.2	J			11.546	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	18	J			11.634	
	(DEL) Alkane: Straight-Chain11.846	49	J			11.846	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	7.2	J			11.999	
	(DEL) Alkane: Straight-Chain12.481	4.4	J			12.481	
	(DEL) Alkane: Straight-Chain12.669	5.4	J			12.669	
	(DEL) Alkane: Straight-Chain12.763	5.6	J			12.763	
	(DEL) Alkane: Straight-Chain12.810	7.9	J			12.81	
	(DEL) Alkane: Straight-Chain13.110	33	J			13.11	
021693-54-9	Naphthalene, 1,2,3,4-tetrahydro-5,	6.5	J			13.228	
	unknown-03	3.5	J			13.499	
080343-98-2	2H-Indeno[2,1-b]furan-2-one, 3,3a,	3.8	J			13.575	
000581-40-8	Naphthalene, 2,3-dimethyl-	8.3	J			13.628	
	(DEL) Alkane: Straight-Chain13.769	12	J			13.769	
030316-36-0	Naphthalene, 1,2,3,4-tetrahydro-1,	8.5	J			13.816	
	(DEL) Alkane: Straight-Chain13.893	8.6	J			13.893	
	(DEL) Alkane: Straight-Chain14.198	35	J			14.198	
	unknown-04	3.1	J			14.534	
	(DEL) Alkane: Straight-Chain14.710	4.3	J			14.71	
	(DEL) Alkane: Straight-Chain14.822	11	J			14.822	
	(DEL) Alkane: Straight-Chain15.163	35	J			15.163	
007325-84-0	Silane, trichlorodocosyl-	2.7	J			15.21	
	(DEL) Alkane: Straight-Chain15.575	15	J			15.575	
1010309-18-1	Sulfurous acid, butyl tetradecyl e	5.9	J			15.74	
	(DEL) Alkane: Straight-Chain15.804	5.4	J			15.804	
	(DEL) Alkane: Straight-Chain16.051	43	J			16.051	
	(DEL) Alkane: Straight-Chain16.392	3.5	J			16.392	
000611-43-8	1,1-Biphenyl, 2,3-dimethyl-	3.7	J			16.469	
	(DEL) Alkane: Straight-Chain16.528	2.4	J			16.528	

Report of Analysis

Client:		Date Collected:	7/14/2024 12:00:00 AM
Project:		Date Received:	7/14/2024 12:00:00 AM
Client Sample ID:	E08G0	SDG No.:	BP071824
Lab Sample ID:	P3260-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021054.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004292-19-7	(DEL) Alkane: Straight-Chain16.869	27	J			16.869	
	Dodecane, 1-iodo-	8.5	J			16.922	
	(DEL) Alkane: Straight-Chain17.351	3	J			17.351	
	(DEL) Alkane: Straight-Chain17.416	3.1	J			17.416	
	(DEL) Alkane: Straight-Chain17.540	2.7	J			17.54	
000112-39-0	(DEL) Alkane: Straight-Chain17.634	23	J			17.634	
	Hexadecanoic acid, methyl ester	53	J			17.81	
	(DEL) Alkane: Straight-Chain17.916	2.1	J			17.916	
000057-10-3	n-Hexadecanoic acid	3.4	J			18.051	
	(DEL) Alkane: Straight-Chain18.087	2.1	J			18.087	
	(DEL) Alkane: Straight-Chain18.357	19	J			18.357	
002462-85-3	9,12-Octadecadienoic acid, methyl	200	J			19.01	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	150	J			19.045	
000112-61-8	Methyl stearate	24	J			19.175	
	(DEL) Alkane: Straight-Chain20.175	6	J			20.175	
	(DEL) Alkane: Straight-Chain20.698	3.3	J			20.698	
E966796	Total Alkanes	450				99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E08H0	SDG No.:	BP071824
Lab Sample ID:	P3260-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021055.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	J	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E08H0	SDG No.:	BP071824
Lab Sample ID:	P3260-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021055.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E08H0	SDG No.:	BP071824
Lab Sample ID:	P3260-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021055.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.134		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	12.186		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.075		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.276		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.323		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	24.126		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	32.72		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.484		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.968		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.448		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.882		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.977		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.738		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	34.663		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E08H0	SDG No.:	BP071824
Lab Sample ID:	P3260-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021055.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.239		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	35.416		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	32.367		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.541		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162617	7.687				
1146-65-2	Naphthalene-d8	637552	10.451				
15067-26-2	Acenaphthene-d10	405079	14.31				
1517-22-2	Phenanthrene-d10	887374	17.122				
1719-03-5	Chrysene-d12	862053	21.574				
1520-96-3	Perylene-d12	1022323	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SLCS120	SDG No.:	BP071824
Lab Sample ID:	PB162120BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021056.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	29		1.1	5	10	ug/L
110-86-1	Pyridine	30		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.5	5	ug/L
91-20-3	Naphthalene	32		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	28		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.5	2.5	5	ug/L
105-60-2	Caprolactam	37		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SLCS120	SDG No.:	BP071824
Lab Sample ID:	PB162120BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021056.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		1.6	5	10	ug/L
83-32-9	Acenaphthene	32		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	43		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	49		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.2	2.5	5	ug/L
1912-24-9	Atrazine	5.3	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	22		1.9	5	10	ug/L
85-01-8	Phenanthrene	33		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.7	2.5	5	ug/L
120-12-7	Anthracene	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	37		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	32		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SLCS120	SDG No.:	BP071824
Lab Sample ID:	PB162120BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021056.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.925		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	29.561		20-120		74	SPK: -40
4165-62-2	Phenol-d5	31.056		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.762		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.061		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.564		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	32.136		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.12		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.671		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.439		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.162		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.153		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.785		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	33.516		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	SLCS120	SDG No.:	BP071824
Lab Sample ID:	PB162120BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021056.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.786		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	32.417		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	28.171		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.239		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136697	7.687				
1146-65-2	Naphthalene-d8	537446	10.44				
15067-26-2	Acenaphthene-d10	353266	14.31				
1517-22-2	Phenanthrene-d10	774213	17.122				
1719-03-5	Chrysene-d12	835766	21.563				
1520-96-3	Perylene-d12	1046846	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS066	SDG No.:	BP071824
Lab Sample ID:	PB162066BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021057.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	980		45	82.5	330	ug/Kg
110-86-1	Pyridine	900		33	170	330	ug/Kg
108-95-2	Phenol	990		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	960		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	940		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	850		60	82.5	330	ug/Kg
98-86-2	Acetophenone	920		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	950		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	880		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	980		31	42.5	170	ug/Kg
78-59-1	Isophorone	910		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	810		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	880		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	990		16	42.5	170	ug/Kg
91-20-3	Naphthalene	960		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	860		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	900		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	940		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	930		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS066	SDG No.:	BP071824
Lab Sample ID:	PB162066BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021057.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	960		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	960		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	960		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	990		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	960		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	980		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	960		30	42.5	170	ug/Kg
86-73-7	Fluorene	1000		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1600		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	920		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	970		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	890		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	930		32	42.5	170	ug/Kg
1912-24-9	Atrazine	170	J	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	690		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	860		52	42.5	170	ug/Kg
120-12-7	Anthracene	970		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	870		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	930		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	830		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS066	SDG No.:	BP071824
Lab Sample ID:	PB162066BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021057.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	860		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	980		27	42.5	170	ug/Kg
218-01-9	Chrysene	1000		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	790		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	810		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	960		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	890		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.752		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	25.835		20-120		65	SPK: -40
4165-62-2	Phenol-d5	28.842		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.464		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.773		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.308		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.377		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.953		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.753		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.711		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.366		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.022		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.168		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	31.269		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS066	SDG No.:	BP071824
Lab Sample ID:	PB162066BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021057.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.865		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	29.899		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.376		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.19		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165811	7.681				
1146-65-2	Naphthalene-d8	655725	10.451				
15067-26-2	Acenaphthene-d10	420775	14.31				
1517-22-2	Phenanthrene-d10	937054	17.127				
1719-03-5	Chrysene-d12	987036	21.568				
1520-96-3	Perylene-d12	1255113	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK066	SDG No.:	BP071824
Lab Sample ID:	PB162066BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021059.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK066	SDG No.:	BP071824
Lab Sample ID:	PB162066BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021059.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK066	SDG No.:	BP071824
Lab Sample ID:	PB162066BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021059.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.786		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	25.761		20-120		64	SPK: -40
4165-62-2	Phenol-d5	26.561		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.032		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.733		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.306		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.927		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.099		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.733		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.401		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.216		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.461		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.321		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	29.552		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK066	SDG No.:	BP071824
Lab Sample ID:	PB162066BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021059.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.355		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	29.743		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	27.394		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.268		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165438	7.687				
1146-65-2	Naphthalene-d8	649474	10.446				
15067-26-2	Acenaphthene-d10	421309	14.31				
1517-22-2	Phenanthrene-d10	910759	17.128				
1719-03-5	Chrysene-d12	889816	21.574				
1520-96-3	Perylene-d12	1096171	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY7	SDG No.:	BP071824
Lab Sample ID:	P3201-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP021060.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.8	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.8	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.8	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.8	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.8	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.8	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.8	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	57.8	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.8	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.8	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	57.8	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.8	230	ug/Kg
105-60-2	Caprolactam	98	U	98	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	57.8	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.8	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.8	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY7	SDG No.:	BP071824
Lab Sample ID:	P3201-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021060.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	57.8	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.8	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	57.8	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.8	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.8	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	57.8	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	57.8	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	57.8	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.8	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.8	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.8	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	57.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.8	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	57.8	230	ug/Kg
1912-24-9	Atrazine	97	U	97	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	380		39	57.8	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	57.8	230	ug/Kg
120-12-7	Anthracene	76	J	34	57.8	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.8	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	57.8	230	ug/Kg
206-44-0	Fluoranthene	580		73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY7	SDG No.:	BP071824
Lab Sample ID:	P3201-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021060.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		67	57.8	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.8	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	300		37	57.8	230	ug/Kg
218-01-9	Chrysene	330		42	57.8	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	130	57.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		45	57.8	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	52	57.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	44	57.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	J	42	57.8	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	J	38	57.8	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.8	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.8	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.201		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	1.608	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	20.755		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.865		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.043		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.267		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.175		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.548		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.016		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.811		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.356		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.413		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.691		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.05		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY7	SDG No.:	BP071824
Lab Sample ID:	P3201-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021060.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.837		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.172		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	15.649		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.005		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187174	7.687				
1146-65-2	Naphthalene-d8	747140	10.445				
15067-26-2	Acenaphthene-d10	486531	14.298				
1517-22-2	Phenanthrene-d10	1044845	17.122				
1719-03-5	Chrysene-d12	1026907	21.568				
1520-96-3	Perylene-d12	1239123	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	670	J			14.528	
000057-10-3	n-Hexadecanoic acid	270	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	100	J			18.227	
001454-84-8	n-Nonadecanol-1	170	J			21.221	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY8	SDG No.:	BP071824
Lab Sample ID:	P3201-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021061.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	89.8	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.2	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.8	360	ug/Kg
98-86-2	Acetophenone	44	U	44	89.8	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	46.2	180	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.2	180	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.2	180	ug/Kg
78-59-1	Isophorone	52	U	52	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.2	180	ug/Kg
91-20-3	Naphthalene	27	U	27	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.2	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY8	SDG No.:	BP071824
Lab Sample ID:	P3201-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021061.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.2	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.8	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.8	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.2	180	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.2	180	ug/Kg
86-73-7	Fluorene	27	U	27	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.2	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	89.8	360	ug/Kg
85-01-8	Phenanthrene	82	J	32	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46.2	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46.2	180	ug/Kg
206-44-0	Fluoranthene	150	J	59	89.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY8	SDG No.:	BP071824
Lab Sample ID:	P3201-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021061.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81	J	53	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	81	J	29	46.2	180	ug/Kg
218-01-9	Chrysene	100	J	34	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	36	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	J	41	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.685		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.395		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.654		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.735		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.361		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.217		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.846		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.316		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.924		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.163		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.674		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.285		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	26.289		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY8	SDG No.:	BP071824
Lab Sample ID:	P3201-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021061.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.711		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	25.326		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	15.205		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.354		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138053	7.687				
1146-65-2	Naphthalene-d8	541187	10.44				
15067-26-2	Acenaphthene-d10	349902	14.304				
1517-22-2	Phenanthrene-d10	769879	17.128				
1719-03-5	Chrysene-d12	858468	21.563				
1520-96-3	Perylene-d12	1084892	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			18.051	
000661-19-8	Behenic alcohol	200	J			21.221	
	(DEL) Alkane: Straight-Chain	23.968	J			23.968	
	(DEL) Alkane: Straight-Chain	26.110	J			26.11	
E966796	Total Alkanes	590				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY9	SDG No.:	BP071824
Lab Sample ID:	P3201-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021062.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.7	87	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	56	U	56	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.7	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	55.7	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	55.7	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	55.7	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.7	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	55.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.7	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.7	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.7	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	55.7	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.7	220	ug/Kg



Client:			Date Collected:	7/9/2024 12:00:00 AM	
Project:			Date Received:	7/9/2024 12:00:00 AM	
Client Sample ID:	A4BY9		SDG No.:	BP071824	
Lab Sample ID:	P3201-03		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	24	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	500	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
BP021062.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.7	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	55.7	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	55.7	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.7	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.7	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.7	220	ug/Kg
86-73-7	Fluorene	33	U	33	55.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.7	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.7	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.7	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	520		38	55.7	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.7	220	ug/Kg
120-12-7	Anthracene	95	J	33	55.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	55.7	220	ug/Kg
86-74-8	Carbazole	55	J	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.7	220	ug/Kg
206-44-0	Fluoranthene	820		71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY9	SDG No.:	BP071824
Lab Sample ID:	P3201-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021062.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		64	55.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	400		35	55.7	220	ug/Kg
218-01-9	Chrysene	480		41	55.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		130	55.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		43	55.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	50	55.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	42	55.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	41	55.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	J	37	55.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.99		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.375	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.195		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.605		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.381		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.609		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.384		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.44		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.386		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.707		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.836		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.698		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.733		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	24.193		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY9	SDG No.:	BP071824
Lab Sample ID:	P3201-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021062.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.209		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	22.974		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	14.969		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.864		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160476	7.675				
1146-65-2	Naphthalene-d8	657756	10.446				
15067-26-2	Acenaphthene-d10	429573	14.31				
1517-22-2	Phenanthrene-d10	966723	17.122				
1719-03-5	Chrysene-d12	1008200	21.569				
1520-96-3	Perylene-d12	1226711	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	290	J			18.045	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.222	
000084-65-1	9,10-Anthracenedione	91	J			18.604	
000203-12-3	Benzo[ghi]fluoranthene	190	J			21.227	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH9	SDG No.:	BP071824
Lab Sample ID:	P3201-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021063.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54	220	ug/Kg
78-59-1	Isophorone	61	U	61	54	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH9	SDG No.:	BP071824
Lab Sample ID:	P3201-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021063.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54	220	ug/Kg
86-73-7	Fluorene	32	U	32	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	190	J	37	54	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54	220	ug/Kg
120-12-7	Anthracene	32	U	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	54	220	ug/Kg
86-74-8	Carbazole	36	U	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	54	220	ug/Kg
206-44-0	Fluoranthene	200	J	69	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH9	SDG No.:	BP071824
Lab Sample ID:	P3201-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021063.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	62	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	34	54	220	ug/Kg
218-01-9	Chrysene	110	J	39	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	42	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	47	J	41	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.426		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.533	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	20.678		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.774		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.656		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.083		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.416		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.238		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.069		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.643		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.318		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.77		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.889		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	24.26		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH9	SDG No.:	BP071824
Lab Sample ID:	P3201-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021063.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.388		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	23.72		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	19.873		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.85		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204784	7.687				
1146-65-2	Naphthalene-d8	811018	10.457				
15067-26-2	Acenaphthene-d10	534603	14.31				
1517-22-2	Phenanthrene-d10	1145919	17.128				
1719-03-5	Chrysene-d12	1076876	21.563				
1520-96-3	Perylene-d12	1345818	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			18.051	
	(DEL) Alkane: Cyclic21.221	200	J			21.221	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ0	SDG No.:	BP071824
Lab Sample ID:	P3201-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021064.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.1	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.1	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.1	400	ug/Kg
106-44-5	4-Methylphenol	44	U	44	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51	200	ug/Kg
78-59-1	Isophorone	58	U	58	51	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51	200	ug/Kg
105-60-2	Caprolactam	86	U	86	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ0	SDG No.:	BP071824
Lab Sample ID:	P3201-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021064.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	51	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.1	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.1	400	ug/Kg
132-64-9	Dibenzofuran	38	U	38	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51	200	ug/Kg
86-73-7	Fluorene	30	U	30	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	51	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.1	400	ug/Kg
85-01-8	Phenanthrene	84	J	35	51	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51	200	ug/Kg
206-44-0	Fluoranthene	100	J	65	99.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ0	SDG No.:	BP071824
Lab Sample ID:	P3201-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021064.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	93	J	59	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	J	32	51	200	ug/Kg
218-01-9	Chrysene	51	J	37	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	J	40	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	44	J	38	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.341		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.756		20-120		52	SPK: -40
4165-62-2	Phenol-d5	26.133		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.235		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.435		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.648		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.842		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.74		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.646		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.802		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.262		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.2		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.753		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	28.567		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ0	SDG No.:	BP071824
Lab Sample ID:	P3201-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021064.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.119		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.677		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	25.5		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.762		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173950	7.681				
1146-65-2	Naphthalene-d8	712881	10.446				
15067-26-2	Acenaphthene-d10	461022	14.316				
1517-22-2	Phenanthrene-d10	1005884	17.128				
1719-03-5	Chrysene-d12	965519	21.568				
1520-96-3	Perylene-d12	1164065	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	190	J			18.051	
	(DEL) Alkane: Straight-Chain	21.227	J			21.227	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ3	SDG No.:	BP071824
Lab Sample ID:	P3201-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021065.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.9	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	640	ug/Kg
110-86-1	Pyridine	64	U	64	320	640	ug/Kg
108-95-2	Phenol	84	U	84	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	640	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	640	ug/Kg
98-86-2	Acetophenone	78	U	78	160	640	ug/Kg
106-44-5	4-Methylphenol	72	U	72	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83	330	ug/Kg
78-59-1	Isophorone	94	U	94	83	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	83	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83	640	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83	330	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	83	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	83	330	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ3	SDG No.:	BP071824
Lab Sample ID:	P3201-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021065.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	83	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	640	ug/Kg
83-32-9	Acenaphthene	57	U	57	83	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	640	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	640	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	83	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83	330	ug/Kg
86-73-7	Fluorene	49	U	49	83	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	83	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	640	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	640	ug/Kg
85-01-8	Phenanthrene	790		57	83	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83	330	ug/Kg
120-12-7	Anthracene	160	J	49	83	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83	330	ug/Kg
86-74-8	Carbazole	110	J	55	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83	330	ug/Kg
206-44-0	Fluoranthene	1300		110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ3	SDG No.:	BP071824
Lab Sample ID:	P3201-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021065.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	930		96	83	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	83	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	660		53	83	330	ug/Kg
218-01-9	Chrysene	820		61	83	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	J	190	83	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		64	83	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	380		74	83	330	ug/Kg
50-32-8	Benzo(a)pyrene	390		63	83	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	J	61	83	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	55	83	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	83	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.15		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.801	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	17.608		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.432		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.59		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	13.982		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	18.606		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.723		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.039		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.221		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.891		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.844		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.422		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	21.781		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ3	SDG No.:	BP071824
Lab Sample ID:	P3201-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021065.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.676		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.409		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	16.909		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.515		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173374	7.681				
1146-65-2	Naphthalene-d8	690529	10.452				
15067-26-2	Acenaphthene-d10	452019	14.304				
1517-22-2	Phenanthrene-d10	1006757	17.128				
1719-03-5	Chrysene-d12	1020448	21.569				
1520-96-3	Perylene-d12	1201667	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	860	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.228	
000084-65-1	9,10-Anthracenedione	160	J			18.604	
000057-11-4	Octadecanoic acid	140	J			19.381	
033543-31-6	Fluoranthene, 2-methyl-	150	J			20.145	
	(DEL) Alkane: Cyclic21.216	320	J			21.216	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ9	SDG No.:	BP071824
Lab Sample ID:	P3201-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021066.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.9	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.9	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.8	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.9	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.9	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.8	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.8	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.8	180	ug/Kg
78-59-1	Isophorone	51	U	51	44.8	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.8	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.8	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.8	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.8	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	44.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ9	SDG No.:	BP071824
Lab Sample ID:	P3201-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021066.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.8	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.8	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.8	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.8	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.9	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	44.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	86.9	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.9	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.8	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	44.8	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.8	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	44.8	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.8	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.9	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.9	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	44.8	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.8	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	44.8	180	ug/Kg
86-74-8	Carbazole	30	U	30	86.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.8	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ9	SDG No.:	BP071824
Lab Sample ID:	P3201-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021066.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	44.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	86.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.8	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	44.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.005		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	21.932		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.426		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.949		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.344		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.1		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.645		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.237		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.862		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.051		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.202		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.961		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.503		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	29.931		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ9	SDG No.:	BP071824
Lab Sample ID:	P3201-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021066.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.931		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.88		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	24.814		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.797		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186388	7.687				
1146-65-2	Naphthalene-d8	758467	10.446				
15067-26-2	Acenaphthene-d10	488403	14.322				
1517-22-2	Phenanthrene-d10	1103784	17.122				
1719-03-5	Chrysene-d12	1254984	21.574				
1520-96-3	Perylene-d12	1558071	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.517	
000770-35-4	1-Phenoxypropan-2-ol	73	J			11.193	
000057-10-3	n-Hexadecanoic acid	260	J			18.063	
000057-11-4	Octadecanoic acid	78	J			19.386	
015594-90-8	1-Heneicosanol	260	J			21.227	
	(DEL) Alkane: Straight-Chain	200	J			22.451	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CK1	SDG No.:	BP071824
Lab Sample ID:	P3201-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021067.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.4	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.4	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.4	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.4	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.4	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.4	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.4	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.5	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.5	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.5	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.4	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CK1	SDG No.:	BP071824
Lab Sample ID:	P3201-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021067.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.5	190	ug/Kg
208-96-8	Acenaphthylene	68	J	35	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.4	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.4	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.4	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.5	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.5	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.4	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.4	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.5	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.4	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.4	360	ug/Kg
85-01-8	Phenanthrene	350		32	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.5	190	ug/Kg
120-12-7	Anthracene	91	J	27	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.5	190	ug/Kg
86-74-8	Carbazole	44	J	31	90.4	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.5	190	ug/Kg
206-44-0	Fluoranthene	500		59	90.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CK1	SDG No.:	BP071824
Lab Sample ID:	P3201-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021067.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		54	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	290		30	46.5	190	ug/Kg
218-01-9	Chrysene	350		34	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.4	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	420		36	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	42	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	35	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	34	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	J	31	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.017		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	1.352	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	22.812		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.528		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.799		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.005		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.727		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.028		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.129		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.999		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.118		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.914		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.98		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	24.833		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CK1	SDG No.:	BP071824
Lab Sample ID:	P3201-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021067.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.137		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.737		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	18.925		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.766		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149326	7.693				
1146-65-2	Naphthalene-d8	601182	10.446				
15067-26-2	Acenaphthene-d10	396285	14.298				
1517-22-2	Phenanthrene-d10	901426	17.122				
1719-03-5	Chrysene-d12	902182	21.569				
1520-96-3	Perylene-d12	1130856	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	170	J			17.739	
000057-10-3	n-Hexadecanoic acid	800	J			18.051	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	380	J			18.228	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	170	J			18.286	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	160	J			18.334	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	190	J			18.516	
074472-34-7	2,3,4,5-Tetrachloro-1,1-biphenyl	88	J			18.71	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	140	J			19.028	
074338-24-2	2,3,3,4-Tetrachloro-1,1-biphenyl	370	J			19.086	
041464-39-5	1,1-Biphenyl, 2,2,3,5-tetrachlo	410	J			19.128	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	280	J			19.392	
052663-61-3	1,1-Biphenyl, 2,2,3,5,5-pentach	96	J			19.869	
000238-84-6	11H-Benzo[a]fluorene	84	J			20.157	
032598-14-4	1,1-Biphenyl, 2,3,3,4,4-pentach	120	J			20.516	
	(DEL) Alkane: Straight-Chain20.698	85	J			20.698	
001740-19-8	Dehydroabietic acid	81	J			21.18	
1000406-04-8	Pentadecafluorooctanoic acid, octa	610	J			21.216	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CK1	SDG No.:	BP071824
Lab Sample ID:	P3201-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021067.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain22.410	260	J			22.41	
015594-90-8	1-Heneicosanol	660	J			22.457	
026627-85-0	Hexacosanal	530	J			23.498	
	(DEL) Alkane: Straight-Chain23.963	690	J			23.963	
	(DEL) Alkane: Cyclic24.063	750	J			24.063	
014811-95-1	1,19-Eicosadiene	840	J			25.486	
	(DEL) Alkane: Straight-Chain26.127	1800	J			26.127	
	(DEL) Alkane: Straight-Chain29.209	470	J			29.209	
E966796	Total Alkanes	4100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH8	SDG No.:	BP071824
Lab Sample ID:	P3201-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021068.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	73	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
100-52-7	Benzaldehyde	50	U	50	90.8	360	ug/Kg
108-95-2	Phenol	47	U	47	90.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.8	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.8	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.8	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.8	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.8	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH8	SDG No.:	BP071824
Lab Sample ID:	P3201-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021068.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.8	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.8	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.8	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.8	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.8	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.8	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.8	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.8	360	ug/Kg
85-01-8	Phenanthrene	130	J	32	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.8	190	ug/Kg
120-12-7	Anthracene	40	J	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.8	190	ug/Kg
206-44-0	Fluoranthene	290		59	90.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH8	SDG No.:	BP071824
Lab Sample ID:	P3201-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021068.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220		54	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	190		30	46.8	190	ug/Kg
218-01-9	Chrysene	200		34	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	90.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		36	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	J	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	35	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	J	34	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.8	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	1.266	*	20-120		3	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.132		15-120		39	SPK: -8
4165-62-2	Phenol-d5	17.842		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.938		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.052		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.229		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.254		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.832		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.553		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.369		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.282		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.439		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.72		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	20.752		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CH8	SDG No.:	BP071824
Lab Sample ID:	P3201-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021068.D	1	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.414		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	20.317		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	16.947		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.521		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175169	7.687				
1146-65-2	Naphthalene-d8	706196	10.452				
15067-26-2	Acenaphthene-d10	453132	14.298				
1517-22-2	Phenanthrene-d10	995010	17.128				
1719-03-5	Chrysene-d12	990911	21.569				
1520-96-3	Perylene-d12	1228698	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	190	J			18.045	
	(DEL) Alkane: Straight-Chain	21.216	J			21.216	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09DL	SDG No.:	BP071824
Lab Sample ID:	P3215-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021069.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	64	U	64	38.3	390	ug/Kg
100-52-7	Benzaldehyde	260	U	260	480	1900	ug/Kg
110-86-1	Pyridine	190	U	190	960	1900	ug/Kg
108-95-2	Phenol	250	U	250	480	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	230	U	230	480	1900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	250	990	ug/Kg
95-48-7	2-Methylphenol	230	U	230	480	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	350	U	350	480	1900	ug/Kg
98-86-2	Acetophenone	230	U	230	480	1900	ug/Kg
106-44-5	4-Methylphenol	210	U	210	480	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	300	U	300	250	990	ug/Kg
67-72-1	Hexachloroethane	100	U	100	250	990	ug/Kg
98-95-3	Nitrobenzene	180	U	180	250	990	ug/Kg
78-59-1	Isophorone	280	U	280	250	990	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	250	990	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	250	990	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	250	U	250	250	990	ug/Kg
120-83-2	2,4-Dichlorophenol	93	U	93	250	990	ug/Kg
91-20-3	Naphthalene	340	JD	150	250	990	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	250	1900	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	250	990	ug/Kg
105-60-2	Caprolactam	420	U	420	480	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	280	250	990	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	250	990	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	250	990	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	550	480	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280	U	280	250	990	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	250	990	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09DL	SDG No.:	BP071824
Lab Sample ID:	P3215-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021069.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	250	990	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	250	990	ug/Kg
88-74-4	2-Nitroaniline	240	U	240	250	990	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	250	990	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	250	990	ug/Kg
208-96-8	Acenaphthylene	190	U	190	250	990	ug/Kg
99-09-2	3-Nitroaniline	260	U	260	480	1900	ug/Kg
83-32-9	Acenaphthene	540	JD	170	250	990	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	480	1900	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	480	1900	ug/Kg
132-64-9	Dibenzofuran	360	JD	190	250	990	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	250	990	ug/Kg
84-66-2	Diethylphthalate	170	U	170	250	990	ug/Kg
86-73-7	Fluorene	470	JD	150	250	990	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	250	990	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	480	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	450	U	450	480	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	190	U	190	250	990	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	250	990	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	250	990	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	250	990	ug/Kg
1912-24-9	Atrazine	410	U	410	480	1900	ug/Kg
87-86-5	Pentachlorophenol	430	U	430	480	1900	ug/Kg
85-01-8	Phenanthrene	5400	D	170	250	990	ug/Kg
608-93-5	Pentachlorobenzene	300	U	300	250	990	ug/Kg
120-12-7	Anthracene	880	JD	150	250	990	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	290	U	290	250	990	ug/Kg
86-74-8	Carbazole	540	JD	160	480	1900	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	250	990	ug/Kg
206-44-0	Fluoranthene	5700	D	310	480	990	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09DL	SDG No.:	BP071824
Lab Sample ID:	P3215-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021069.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3200	D	280	250	990	ug/Kg
85-68-7	Butylbenzylphthalate	490	U	490	250	990	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	480	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2700	D	160	250	990	ug/Kg
218-01-9	Chrysene	2900	D	180	250	990	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	250	990	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	480	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3300	D	190	250	990	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	220	250	990	ug/Kg
50-32-8	Benzo(a)pyrene	1000	D	190	250	990	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	820	JD	180	250	990	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	JD	160	250	990	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	250	990	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	250	990	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.985		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	22.63		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.625		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.125		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	13.305		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	24.82		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.34		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.12		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.68		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.82		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.265		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.465		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	28.885		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09DL	SDG No.:	BP071824
Lab Sample ID:	P3215-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021069.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.74		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	26.815		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	18.625		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.3		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210832	7.687				
1146-65-2	Naphthalene-d8	842764	10.446				
15067-26-2	Acenaphthene-d10	557484	14.304				
1517-22-2	Phenanthrene-d10	1253250	17.128				
1719-03-5	Chrysene-d12	1236013	21.563				
1520-96-3	Perylene-d12	1465895	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	640	JD			3.023	
	unknown-01	1000	JD			3.746	
	unknown-02	2800	JD			14.528	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	1200	JD			17.74	
002531-84-2	Phenanthrene, 2-methyl-	830	JD			18.034	
000610-48-0	Anthracene, 1-methyl-	840	JD			18.081	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1700	JD			18.228	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	750	JD			18.281	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachloro-	430	JD			18.334	
000612-94-2	Naphthalene, 2-phenyl-	530	JD			18.545	
000084-65-1	9,10-Anthracenedione	670	JD			18.604	
033284-52-5	1,1-Biphenyl, 3,3,5,5-tetrachlo	690	JD			19.034	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	710	JD			19.087	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	990	JD			19.128	
002381-21-7	Pyrene, 1-methyl-	440	JD			19.992	
003442-78-2	Pyrene, 2-methyl-	650	JD			20.151	
	unknown-03	950	JD			21.216	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09DL	SDG No.:	BP071824
Lab Sample ID:	P3215-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021069.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02DL	SDG No.:	BP071824
Lab Sample ID:	P3215-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021070.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	63	U	63	37.9	380	ug/Kg
100-52-7	Benzaldehyde	260	U	260	470	1900	ug/Kg
110-86-1	Pyridine	190	U	190	950	1900	ug/Kg
108-95-2	Phenol	250	U	250	470	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	230	U	230	470	1900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	240	980	ug/Kg
95-48-7	2-Methylphenol	220	U	220	470	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	470	1900	ug/Kg
98-86-2	Acetophenone	230	U	230	470	1900	ug/Kg
106-44-5	4-Methylphenol	210	U	210	470	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	290	U	290	240	980	ug/Kg
67-72-1	Hexachloroethane	100	U	100	240	980	ug/Kg
98-95-3	Nitrobenzene	180	U	180	240	980	ug/Kg
78-59-1	Isophorone	280	U	280	240	980	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	240	980	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	240	980	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	250	U	250	240	980	ug/Kg
120-83-2	2,4-Dichlorophenol	92	U	92	240	980	ug/Kg
91-20-3	Naphthalene	140	U	140	240	980	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	240	980	ug/Kg
105-60-2	Caprolactam	410	U	410	470	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	280	240	980	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	240	980	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	240	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	550	470	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280	U	280	240	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	240	980	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02DL	SDG No.:	BP071824
Lab Sample ID:	P3215-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021070.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	240	980	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	240	980	ug/Kg
88-74-4	2-Nitroaniline	240	U	240	240	980	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	240	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	240	980	ug/Kg
208-96-8	Acenaphthylene	280	JD	180	240	980	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	470	1900	ug/Kg
83-32-9	Acenaphthene	350	JD	170	240	980	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	470	1900	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	470	1900	ug/Kg
132-64-9	Dibenzofuran	240	JD	180	240	980	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	240	980	ug/Kg
84-66-2	Diethylphthalate	170	U	170	240	980	ug/Kg
86-73-7	Fluorene	410	JD	140	240	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	240	980	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	470	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440	U	440	470	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	190	U	190	240	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	240	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	240	980	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	240	980	ug/Kg
1912-24-9	Atrazine	410	U	410	470	1900	ug/Kg
87-86-5	Pentachlorophenol	430	U	430	470	1900	ug/Kg
85-01-8	Phenanthrene	4600	D	170	240	980	ug/Kg
608-93-5	Pentachlorobenzene	300	U	300	240	980	ug/Kg
120-12-7	Anthracene	1100	D	140	240	980	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	290	U	290	240	980	ug/Kg
86-74-8	Carbazole	430	JD	160	470	1900	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	240	980	ug/Kg
206-44-0	Fluoranthene	5600	D	310	470	980	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02DL	SDG No.:	BP071824
Lab Sample ID:	P3215-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021070.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3100	D	280	240	980	ug/Kg
85-68-7	Butylbenzylphthalate	480	U	480	240	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	470	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2800	D	160	240	980	ug/Kg
218-01-9	Chrysene	2900	D	180	240	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	240	980	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	470	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200	D	190	240	980	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	220	240	980	ug/Kg
50-32-8	Benzo(a)pyrene	970	JD	180	240	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790	JD	180	240	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	JD	160	240	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	240	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	240	980	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.28		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.315		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.825		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.32		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.715		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	26.235		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.52		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.65		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.21		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.795		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.07		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.125		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	34.37		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02DL	SDG No.:	BP071824
Lab Sample ID:	P3215-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021070.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.565		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	32.02		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	21.66		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.365		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179924	7.687				
1146-65-2	Naphthalene-d8	733788	10.452				
15067-26-2	Acenaphthene-d10	490045	14.31				
1517-22-2	Phenanthrene-d10	1137144	17.122				
1719-03-5	Chrysene-d12	1182731	21.569				
1520-96-3	Perylene-d12	1471598	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	890	JD			3.017	
	unknown-01	760	JD			3.74	
002531-84-2	Phenanthrene, 2-methyl-	490	JD			18.028	
000057-10-3	n-Hexadecanoic acid	790	JD			18.051	
000832-69-9	Phenanthrene, 1-methyl-	760	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	JD			18.228	
000610-48-0	Anthracene, 1-methyl-	420	JD			18.263	
000612-94-2	Naphthalene, 2-phenyl-	380	JD			18.545	
070362-49-1	3,3,4,5-Tetrachloro-1,1-biphenyl	500	JD			19.122	
000243-17-4	11H-Benzo[b]fluorene	410	JD			20.157	
000203-12-3	Benzo[ghi]fluoranthene	780	JD			21.227	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00DL	SDG No.:	BP071824
Lab Sample ID:	P3215-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021071.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	71	U	71	42.5	430	ug/Kg
100-52-7	Benzaldehyde	290	U	290	530	2100	ug/Kg
110-86-1	Pyridine	210	U	210	1100	2100	ug/Kg
108-95-2	Phenol	280	U	280	530	2100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	260	U	260	530	2100	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	270	1100	ug/Kg
95-48-7	2-Methylphenol	250	U	250	530	2100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	390	U	390	530	2100	ug/Kg
98-86-2	Acetophenone	260	U	260	530	2100	ug/Kg
106-44-5	4-Methylphenol	240	U	240	530	2100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	330	U	330	270	1100	ug/Kg
67-72-1	Hexachloroethane	120	U	120	270	1100	ug/Kg
98-95-3	Nitrobenzene	200	U	200	270	1100	ug/Kg
78-59-1	Isophorone	310	U	310	270	1100	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	270	1100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	280	U	280	270	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	270	1100	ug/Kg
91-20-3	Naphthalene	430	JD	160	270	1100	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	270	2100	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	270	1100	ug/Kg
105-60-2	Caprolactam	460	U	460	530	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	320	U	320	270	1100	ug/Kg
90-12-0	1-Methylnaphthalene	210	U	210	270	1100	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	270	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610	U	610	530	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	320	U	320	270	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	270	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00DL	SDG No.:	BP071824
Lab Sample ID:	P3215-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021071.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	270	1100	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	270	1100	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	270	1100	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	270	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	270	1100	ug/Kg
208-96-8	Acenaphthylene	210	U	210	270	1100	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	530	2100	ug/Kg
83-32-9	Acenaphthene	550	JD	190	270	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	530	2100	ug/Kg
100-02-7	4-Nitrophenol	280	U	280	530	2100	ug/Kg
132-64-9	Dibenzofuran	450	JD	210	270	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	270	1100	ug/Kg
84-66-2	Diethylphthalate	190	U	190	270	1100	ug/Kg
86-73-7	Fluorene	720	JD	160	270	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	270	1100	ug/Kg
100-01-6	4-Nitroaniline	200	U	200	530	2100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	500	U	500	530	2100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	270	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	270	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	190	270	1100	ug/Kg
118-74-1	Hexachlorobenzene	210	U	210	270	1100	ug/Kg
1912-24-9	Atrazine	460	U	460	530	2100	ug/Kg
87-86-5	Pentachlorophenol	480	U	480	530	2100	ug/Kg
85-01-8	Phenanthrene	7100	D	190	270	1100	ug/Kg
608-93-5	Pentachlorobenzene	340	U	340	270	1100	ug/Kg
120-12-7	Anthracene	1500	D	160	270	1100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	320	U	320	270	1100	ug/Kg
86-74-8	Carbazole	910	JD	180	530	2100	ug/Kg
84-74-2	Di-n-butylphthalate	390	U	390	270	1100	ug/Kg
206-44-0	Fluoranthene	6400	D	350	530	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00DL	SDG No.:	BP071824
Lab Sample ID:	P3215-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021071.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500	D	320	270	1100	ug/Kg
85-68-7	Butylbenzylphthalate	540	U	540	270	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	530	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2800	D	170	270	1100	ug/Kg
218-01-9	Chrysene	2800	D	200	270	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	620	U	620	270	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	490	U	490	530	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	D	210	270	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	D	240	270	1100	ug/Kg
50-32-8	Benzo(a)pyrene	850	JD	210	270	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740	JD	200	270	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370	JD	180	270	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	270	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	270	1100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.445		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.835		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.43		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.865		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	3.695	*	10-140		9	SPK: -40
4165-60-0	Nitrobenzene-d5	25.45		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.135		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.245		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.665		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.88		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.13		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.685		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	33.34		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00DL	SDG No.:	BP071824
Lab Sample ID:	P3215-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021071.D	5	7/15/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.5		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	29.92		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	20.83		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.67		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161922	7.681				
1146-65-2	Naphthalene-d8	654629	10.446				
15067-26-2	Acenaphthene-d10	430286	14.316				
1517-22-2	Phenanthrene-d10	975053	17.128				
1719-03-5	Chrysene-d12	1065035	21.569				
1520-96-3	Perylene-d12	1324437	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	790	JD			3.017	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	1100	JD			3.74	
	unknown-01	2700	JD			14.528	
002531-84-2	Phenanthrene, 2-methyl-	830	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	JD			18.233	
000084-65-1	9,10-Anthracenedione	480	JD			18.61	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	450	JD			21.133	
E966796	Total Alkanes	150	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP071824
Lab Sample ID:	PB162089BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021073.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP071824
Lab Sample ID:	PB162089BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021073.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP071824
Lab Sample ID:	PB162089BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021073.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.562		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	29.034		20-120		73	SPK: -40
4165-62-2	Phenol-d5	30.146		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.176		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.614		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.816		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.193		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.804		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.932		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.292		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.941		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.181		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.374		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	32.5		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP071824
Lab Sample ID:	PB162089BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021073.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.899		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	32.413		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	27.828		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.286		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135898	7.681				
1146-65-2	Naphthalene-d8	549916	10.439				
15067-26-2	Acenaphthene-d10	357031	14.31				
1517-22-2	Phenanthrene-d10	799539	17.116				
1719-03-5	Chrysene-d12	863950	21.574				
1520-96-3	Perylene-d12	1028829	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE7	SDG No.:	BP071824
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021074.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE7	SDG No.:	BP071824
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021074.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	49	J	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	600		38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	100	J	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	81	J	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	750		72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE7	SDG No.:	BP071824
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021074.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	510		65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	340		36	56.3	230	ug/Kg
218-01-9	Chrysene	360		41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	J	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.429		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.541	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.197		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.787		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.156		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.394		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.186		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.785		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.479		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.513		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.52		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.813		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.891		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	20.527		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE7	SDG No.:	BP071824
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021074.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.768		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	20.042		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	16.699		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.121		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153795	7.675				
1146-65-2	Naphthalene-d8	641178	10.44				
15067-26-2	Acenaphthene-d10	417708	14.304				
1517-22-2	Phenanthrene-d10	898048	17.127				
1719-03-5	Chrysene-d12	877789	21.563				
1520-96-3	Perylene-d12	1047784	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	220	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.227	
	(DEL) Alkane: Cyclic	160	J			21.227	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9	SDG No.:	BP071824
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021075.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	61	U	61	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.9	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	460	ug/Kg
98-86-2	Acetophenone	56	U	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.9	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.9	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	59.9	240	ug/Kg
78-59-1	Isophorone	68	U	68	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	59.9	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.9	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9	SDG No.:	BP071824
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021075.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.9	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	68	J	41	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	59.9	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.9	240	ug/Kg
86-73-7	Fluorene	68	J	35	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.9	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	790		41	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.9	240	ug/Kg
120-12-7	Anthracene	130	J	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.9	240	ug/Kg
86-74-8	Carbazole	100	J	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.9	240	ug/Kg
206-44-0	Fluoranthene	930		76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9	SDG No.:	BP071824
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021075.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660		69	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	420		38	59.9	240	ug/Kg
218-01-9	Chrysene	480		44	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	140	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		46	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	240		45	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	44	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	39	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.585		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	3.293	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	19.15		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.423		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.38		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.106		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.136		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.454		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.184		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.501		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.517		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.445		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.817		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.009		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9	SDG No.:	BP071824
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021075.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.959		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.488		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	17.608		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.689		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174366	7.681				
1146-65-2	Naphthalene-d8	710057	10.44				
15067-26-2	Acenaphthene-d10	467084	14.31				
1517-22-2	Phenanthrene-d10	1057910	17.116				
1719-03-5	Chrysene-d12	1114981	21.563				
1520-96-3	Perylene-d12	1348036	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	99	J			3.516	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.193	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.227	
000084-65-1	9,10-Anthracenedione	120	J			18.604	
	unknown-01	110	J			21.221	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0	SDG No.:	BP071824
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021076.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	120	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.4	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.4	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.4	290	ug/Kg
98-95-3	Nitrobenzene	54	U	54	73.4	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.4	290	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	73.4	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.4	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.4	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.4	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.4	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.4	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.4	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	73.4	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.4	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.4	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	73.4	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.4	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0	SDG No.:	BP071824
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021076.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.4	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.4	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.4	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.4	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.4	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.4	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	61	J	50	73.4	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.4	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.4	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.4	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.4	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.4	290	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.4	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.4	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.4	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.4	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	470		50	73.4	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.4	290	ug/Kg
120-12-7	Anthracene	99	J	43	73.4	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.4	290	ug/Kg
86-74-8	Carbazole	68	J	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.4	290	ug/Kg
206-44-0	Fluoranthene	430		93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0	SDG No.:	BP071824
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021076.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		85	73.4	290	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	73.4	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	210	J	47	73.4	290	ug/Kg
218-01-9	Chrysene	220	J	54	73.4	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		170	73.4	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	J	57	73.4	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	J	66	73.4	290	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	55	73.4	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	J	54	73.4	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.4	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	45	73.4	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.4	290	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	22.164		20-120		55	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.522		15-120		57	SPK: -8
4165-62-2	Phenol-d5	25.729		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.613		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.12		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.213		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.559		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.774		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.428		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.072		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.398		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	27.036		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.816		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	28.543		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0	SDG No.:	BP071824
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021076.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.381		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	27.743		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	24.773		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.988		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129504	7.681				
1146-65-2	Naphthalene-d8	525510	10.446				
15067-26-2	Acenaphthene-d10	351848	14.304				
1517-22-2	Phenanthrene-d10	789517	17.122				
1719-03-5	Chrysene-d12	832903	21.569				
1520-96-3	Perylene-d12	1031761	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	220	J			3.511	
000770-35-4	1-Phenoxypropan-2-ol	330	J			11.193	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	210	J			17.727	
000057-10-3	n-Hexadecanoic acid	140	J			18.051	
041464-46-4	1,1-Biphenyl, 2,3,4,6-tetrachlo	160	J			18.227	
	(DEL) Alkane: Cyclic21.227	210	J			21.227	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF3	SDG No.:	BP071824
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021077.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.2	140	ug/Kg
100-52-7	Benzaldehyde	97	U	97	180	710	ug/Kg
110-86-1	Pyridine	71	U	71	360	710	ug/Kg
108-95-2	Phenol	93	U	93	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	86	U	86	180	710	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	91.7	370	ug/Kg
95-48-7	2-Methylphenol	84	U	84	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	710	ug/Kg
98-86-2	Acetophenone	86	U	86	180	710	ug/Kg
106-44-5	4-Methylphenol	80	U	80	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	91.7	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	91.7	370	ug/Kg
98-95-3	Nitrobenzene	67	U	67	91.7	370	ug/Kg
78-59-1	Isophorone	100	U	100	91.7	370	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	91.7	370	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	91.7	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	91.7	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	91.7	370	ug/Kg
91-20-3	Naphthalene	54	U	54	91.7	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	91.7	710	ug/Kg
87-68-3	Hexachlorobutadiene	95	U	95	91.7	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	91.7	370	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	91.7	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	91.7	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	91.7	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	U	84	91.7	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF3	SDG No.:	BP071824
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021077.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	91.7	370	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	91.7	370	ug/Kg
88-74-4	2-Nitroaniline	88	U	88	91.7	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	91.7	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	95	U	95	91.7	370	ug/Kg
208-96-8	Acenaphthylene	69	U	69	91.7	370	ug/Kg
99-09-2	3-Nitroaniline	95	U	95	180	710	ug/Kg
83-32-9	Acenaphthene	82	J	63	91.7	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	710	ug/Kg
100-02-7	4-Nitrophenol	95	U	95	180	710	ug/Kg
132-64-9	Dibenzofuran	69	U	69	91.7	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	93	U	93	91.7	370	ug/Kg
84-66-2	Diethylphthalate	65	U	65	91.7	370	ug/Kg
86-73-7	Fluorene	83	J	54	91.7	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43	U	43	91.7	370	ug/Kg
100-01-6	4-Nitroaniline	67	U	67	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	71	91.7	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	91.7	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	91.7	370	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	91.7	370	ug/Kg
1912-24-9	Atrazine	150	U	150	180	710	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	710	ug/Kg
85-01-8	Phenanthrene	1200		63	91.7	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	91.7	370	ug/Kg
120-12-7	Anthracene	180	J	54	91.7	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	91.7	370	ug/Kg
86-74-8	Carbazole	120	J	60	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	91.7	370	ug/Kg
206-44-0	Fluoranthene	1600		120	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF3	SDG No.:	BP071824
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021077.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		110	91.7	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	91.7	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	730		58	91.7	370	ug/Kg
218-01-9	Chrysene	870		67	91.7	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	91.7	370	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		71	91.7	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	360	J	82	91.7	370	ug/Kg
50-32-8	Benzo(a)pyrene	400		69	91.7	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	J	67	91.7	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	60	91.7	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	91.7	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	91.7	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.069		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.837	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	18.038		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.487		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.77		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.934		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	18.372		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.697		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.004		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.894		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.273		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.248		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.868		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	20.78		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF3	SDG No.:	BP071824
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021077.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.89		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	20.804		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	16.621		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.585		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144999	7.681				
1146-65-2	Naphthalene-d8	580174	10.439				
15067-26-2	Acenaphthene-d10	380649	14.31				
1517-22-2	Phenanthrene-d10	811416	17.116				
1719-03-5	Chrysene-d12	803281	21.562				
1520-96-3	Perylene-d12	970233	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.192	
057074-21-2	3-Chloro-2,6-dihydroxy-4-methylben	210	J			14.445	
000526-37-4	Benzaldehyde, 2,6-dihydroxy-4-meth	260	J			14.822	
004707-47-5	Benzoic acid, 2,4-dihydroxy-3,6-di	700	J			16.251	
000057-10-3	n-Hexadecanoic acid	190	J			18.045	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			18.227	
000084-65-1	9,10-Anthracenedione	180	J			18.61	
000243-17-4	11H-Benzo[b]fluorene	190	J			20.151	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	300	J			21.221	
	(DEL) Alkane: Straight-Chain23.945	500	J			23.945	
	(DEL) Alkane: Straight-Chain26.092	840	J			26.092	
E966796	Total Alkanes	1300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF4	SDG No.:	BP071824
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021078.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.7	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.7	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.7	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.7	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.7	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.7	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.7	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.7	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	57.7	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.7	230	ug/Kg
105-60-2	Caprolactam	98	U	98	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	57.7	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.7	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.7	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF4	SDG No.:	BP071824
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021078.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	57.7	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.7	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	57.7	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.7	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.7	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.7	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.7	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.7	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.7	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	57.7	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.7	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.7	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	180	J	39	57.7	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	57.7	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.7	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.7	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	57.7	230	ug/Kg
206-44-0	Fluoranthene	410		73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF4	SDG No.:	BP071824
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021078.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270		67	57.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.7	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	37	57.7	230	ug/Kg
218-01-9	Chrysene	260		42	57.7	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		45	57.7	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	52	57.7	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	43	57.7	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	42	57.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.7	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.7	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.593		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.313		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.949		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.058		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	10.732		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	15.026		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.239		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.657		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.05		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.025		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	14.933		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.713		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	15.649		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF4	SDG No.:	BP071824
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021078.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.981		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	15.256		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	12.55		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.366		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215741	7.675				
1146-65-2	Naphthalene-d8	865274	10.446				
15067-26-2	Acenaphthene-d10	558146	14.304				
1517-22-2	Phenanthrene-d10	1216043	17.116				
1719-03-5	Chrysene-d12	1175109	21.563				
1520-96-3	Perylene-d12	1431916	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.199	
000057-10-3	n-Hexadecanoic acid	130	J			18.034	
	(DEL) Alkane: Cyclic	150	J			21.216	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6	SDG No.:	BP071824
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021079.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.7	88	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	57	U	57	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.9	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	53	U	53	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	55.9	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	55.9	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	55.9	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.9	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	55.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	55.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.9	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.9	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	55.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	55.9	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6	SDG No.:	BP071824
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021079.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	55.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.9	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	55.9	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	55.9	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.9	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	84	J	38	55.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	49	J	42	55.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	55.9	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.9	220	ug/Kg
86-73-7	Fluorene	88	J	33	55.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.9	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	55.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.9	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.9	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	1200		38	55.9	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.9	220	ug/Kg
120-12-7	Anthracene	210	J	33	55.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	55.9	220	ug/Kg
86-74-8	Carbazole	120	J	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.9	220	ug/Kg
206-44-0	Fluoranthene	1400		71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6	SDG No.:	BP071824
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021079.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	940		64	55.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	660		36	55.9	220	ug/Kg
218-01-9	Chrysene	800		41	55.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		43	55.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		50	55.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	320		42	55.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		41	55.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	37	55.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.231		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	1.502	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.455		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.424		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.411		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.977		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	18.375		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.886		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.857		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.499		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.218		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.767		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.776		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	20.953		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6	SDG No.:	BP071824
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021079.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.257		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	21.023		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	17.514		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.117		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151626	7.687				
1146-65-2	Naphthalene-d8	611133	10.44				
15067-26-2	Acenaphthene-d10	391534	14.292				
1517-22-2	Phenanthrene-d10	852498	17.116				
1719-03-5	Chrysene-d12	810608	21.569				
1520-96-3	Perylene-d12	997106	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.198	
002531-84-2	Phenanthrene, 2-methyl-	260	J			18.028	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	190	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			18.222	
000832-69-9	Phenanthrene, 1-methyl-	100	J			18.263	
000612-94-2	Naphthalene, 2-phenyl-	99	J			18.539	
000084-65-1	9,10-Anthracenedione	120	J			18.598	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.151	
000238-84-6	11H-Benzo[a]fluorene	110	J			20.263	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.957	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			21.133	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	110	J			21.174	
	unknown-01	260	J			21.216	
001705-84-6	Triphenylene, 2-methyl-	180	J			22.316	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF8	SDG No.:	BP071824
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021080.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	90	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.4	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.4	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.4	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.4	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.4	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.4	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.4	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.4	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.4	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57.4	450	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57.4	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57.4	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.4	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.4	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.4	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF8	SDG No.:	BP071824
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021080.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.4	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57.4	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57.4	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.4	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.4	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.4	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.4	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.4	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.4	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.4	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.4	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.4	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	74	J	39	57.4	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.4	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.4	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.4	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57.4	230	ug/Kg
206-44-0	Fluoranthene	170	J	73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF8	SDG No.:	BP071824
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021080.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	66	57.4	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	78	J	36	57.4	230	ug/Kg
218-01-9	Chrysene	110	J	42	57.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	45	57.4	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.4	230	ug/Kg
50-32-8	Benzo(a)pyrene	55	J	43	57.4	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	J	42	57.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.4	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.4	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.558		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	1.326	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	13.928		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.555		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.945		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.461		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.368		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.272		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.658		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.452		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.738		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.29		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.48		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	16.355		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF8	SDG No.:	BP071824
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP021080.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.131		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	15.407		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	12.903		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.501		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137968	7.681				
1146-65-2	Naphthalene-d8	558296	10.446				
15067-26-2	Acenaphthene-d10	358310	14.31				
1517-22-2	Phenanthrene-d10	806744	17.122				
1719-03-5	Chrysene-d12	873039	21.568				
1520-96-3	Perylene-d12	1071057	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	92	J			3.522	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.198	
	unknown-01	1400	J			14.528	
	(DEL) Alkane: Cyclic21.233	110	J			21.233	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9	SDG No.:	BP071824
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021081.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	15.6	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	780	ug/Kg
110-86-1	Pyridine	78	U	78	390	780	ug/Kg
108-95-2	Phenol	100	U	100	190	780	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	94	U	94	190	780	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	100	400	ug/Kg
95-48-7	2-Methylphenol	92	U	92	190	780	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	780	ug/Kg
98-86-2	Acetophenone	94	U	94	190	780	ug/Kg
106-44-5	4-Methylphenol	87	U	87	190	780	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	400	ug/Kg
67-72-1	Hexachloroethane	42	U	42	100	400	ug/Kg
98-95-3	Nitrobenzene	73	U	73	100	400	ug/Kg
78-59-1	Isophorone	110	U	110	100	400	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	100	400	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	100	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	400	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	100	400	ug/Kg
91-20-3	Naphthalene	59	U	59	100	400	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	100	780	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	100	400	ug/Kg
105-60-2	Caprolactam	170	U	170	190	780	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	400	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	100	400	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	100	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	780	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92	U	92	100	400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9	SDG No.:	BP071824
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021081.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	100	400	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	100	400	ug/Kg
88-74-4	2-Nitroaniline	97	U	97	100	400	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	100	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	100	400	ug/Kg
208-96-8	Acenaphthylene	75	U	75	100	400	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	190	780	ug/Kg
83-32-9	Acenaphthene	68	U	68	100	400	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	780	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	780	ug/Kg
132-64-9	Dibenzofuran	75	U	75	100	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	400	ug/Kg
84-66-2	Diethylphthalate	71	U	71	100	400	ug/Kg
86-73-7	Fluorene	59	U	59	100	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	100	400	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	190	780	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	190	780	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	100	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	100	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68	U	68	100	400	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	100	400	ug/Kg
1912-24-9	Atrazine	170	U	170	190	780	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	780	ug/Kg
85-01-8	Phenanthrene	560		68	100	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	400	ug/Kg
120-12-7	Anthracene	100	J	59	100	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	400	ug/Kg
86-74-8	Carbazole	66	U	66	190	780	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	100	400	ug/Kg
206-44-0	Fluoranthene	930		130	190	400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9	SDG No.:	BP071824
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021081.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	690		120	100	400	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	780	ug/Kg
56-55-3	Benzo(a)anthracene	450		64	100	400	ug/Kg
218-01-9	Chrysene	540		73	100	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	J	230	100	400	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	190	780	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		78	100	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	J	90	100	400	ug/Kg
50-32-8	Benzo(a)pyrene	290	J	75	100	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	73	100	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	J	66	100	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	100	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	100	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.817		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.316		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.562		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.649		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	14.468		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.874		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.654		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.685		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.417		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.932		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.428		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.703		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	19.901		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9	SDG No.:	BP071824
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP021081.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.577		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	20.11		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	17.072		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.442		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136128	7.675				
1146-65-2	Naphthalene-d8	562438	10.44				
15067-26-2	Acenaphthene-d10	364360	14.304				
1517-22-2	Phenanthrene-d10	786833	17.128				
1719-03-5	Chrysene-d12	771897	21.574				
1520-96-3	Perylene-d12	954747	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	320	J			11.187	
000057-10-3	n-Hexadecanoic acid	220	J			18.057	
000661-19-8	Behenic alcohol	320	J			21.233	
E966796	Total Alkanes	57	U			99	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BY7								
P3201-01	A4BY7	Solid	4H-Cyclopenta[def]phenanthrene	*	100.000	J		
P3201-01	A4BY7	Solid	n-Hexadecanoic acid	*	270.000	J		
P3201-01	A4BY7	Solid	n-Nonadecanol-1	*	170.000	J		
P3201-01	A4BY7	Solid	unknown-01	*	670.000	J		
P3201-01	A4BY7	Solid	Total Alkanes	*	0.000	33	230	ug/Kg
Total Tics :				1,210.00				
P3201-01	A4BY7	Solid	Anthracene		76.000	J	34	230 ug/Kg
P3201-01	A4BY7	Solid	Benzo(a)anthracene		300.000		37	230 ug/Kg
P3201-01	A4BY7	Solid	Benzo(a)pyrene		110.000	J	44	230 ug/Kg
P3201-01	A4BY7	Solid	Benzo(b)fluoranthene		390.000		45	230 ug/Kg
P3201-01	A4BY7	Solid	Benzo(k)fluoranthene		160.000	J	52	230 ug/Kg
P3201-01	A4BY7	Solid	Bis(2-ethylhexyl)phthalate		130.000	J	130	230 ug/Kg
P3201-01	A4BY7	Solid	Chrysene		330.000		42	230 ug/Kg
P3201-01	A4BY7	Solid	Dibenzo(a,h)anthracene		54.000	J	38	230 ug/Kg
P3201-01	A4BY7	Solid	Fluoranthene		580.000		73	230 ug/Kg
P3201-01	A4BY7	Solid	Indeno(1,2,3-cd)pyrene		88.000	J	42	230 ug/Kg
P3201-01	A4BY7	Solid	Phenanthrene		380.000		39	230 ug/Kg
P3201-01	A4BY7	Solid	Pyrene		320.000		67	230 ug/Kg
Total Svoc :				2,918.00				
Total Concentration:				4,128.00				
Client ID : A4BY8								
P3201-02	A4BY8	Solid	(DEL) Alkane: Straight-Chain23.9	*	210.000	J		
P3201-02	A4BY8	Solid	(DEL) Alkane: Straight-Chain26.1	*	380.000	J		
P3201-02	A4BY8	Solid	Behenic alcohol	*	200.000	J		
P3201-02	A4BY8	Solid	n-Hexadecanoic acid	*	180.000	J		
P3201-02	A4BY8	Solid	Total Alkanes	*	590.000	26	180	ug/Kg
Total Tics :				1,560.00				
P3201-02	A4BY8	Solid	Benzo(a)anthracene		81.000	J	29	180 ug/Kg
P3201-02	A4BY8	Solid	Benzo(b)fluoranthene		120.000	J	36	180 ug/Kg
P3201-02	A4BY8	Solid	Benzo(k)fluoranthene		52.000	J	41	180 ug/Kg
P3201-02	A4BY8	Solid	Chrysene		100.000	J	34	180 ug/Kg
P3201-02	A4BY8	Solid	Fluoranthene		150.000	J	59	180 ug/Kg
P3201-02	A4BY8	Solid	Phenanthrene		82.000	J	32	180 ug/Kg
P3201-02	A4BY8	Solid	Pyrene		81.000	J	53	180 ug/Kg
Total Svoc :				666.00				
Total Concentration:				2,226.00				
Client ID : A4BY9								

Hit Summary Sheet SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3201-03	A4BY9	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P3201-03	A4BY9	Solid	9,10-Anthracenedione	*	91.000	J		
P3201-03	A4BY9	Solid	Benzo[ghi]fluoranthene	*	190.000	J		
P3201-03	A4BY9	Solid	n-Hexadecanoic acid	*	290.000	J		
P3201-03	A4BY9	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :				731.00				
P3201-03	A4BY9	Solid	Anthracene		95.000	J	33	220 ug/Kg
P3201-03	A4BY9	Solid	Benzo(a)anthracene		400.000		35	220 ug/Kg
P3201-03	A4BY9	Solid	Benzo(a)pyrene		150.000	J	42	220 ug/Kg
P3201-03	A4BY9	Solid	Benzo(b)fluoranthene		590.000		43	220 ug/Kg
P3201-03	A4BY9	Solid	Benzo(k)fluoranthene		200.000	J	50	220 ug/Kg
P3201-03	A4BY9	Solid	Bis(2-ethylhexyl)phthalate		220.000		130	220 ug/Kg
P3201-03	A4BY9	Solid	Carbazole		55.000	J	37	430 ug/Kg
P3201-03	A4BY9	Solid	Chrysene		480.000		41	220 ug/Kg
P3201-03	A4BY9	Solid	Dibenzo(a,h)anthracene		75.000	J	37	220 ug/Kg
P3201-03	A4BY9	Solid	Fluoranthene		820.000		71	220 ug/Kg
P3201-03	A4BY9	Solid	Indeno(1,2,3-cd)pyrene		130.000	J	41	220 ug/Kg
P3201-03	A4BY9	Solid	Phenanthrene		520.000		38	220 ug/Kg
P3201-03	A4BY9	Solid	Pyrene		450.000		64	220 ug/Kg
Total Svoc :				4,185.00				
Total Concentration:				4,916.00				
Client ID : A4BZ2								
P3201-04	A4BZ2	Solid	(DEL) Alkane: Straight-Chain21.2	*	210.000	J		
P3201-04	A4BZ2	Solid	n-Hexadecanoic acid	*	360.000	J		
P3201-04	A4BZ2	Solid	Total Alkanes	*	210.000	40	290	ug/Kg
Total Tics :				780.00				
P3201-04	A4BZ2	Solid	Benzo(a)anthracene		56.000	J	45	290 ug/Kg
P3201-04	A4BZ2	Solid	Benzo(b)fluoranthene		75.000	J	56	290 ug/Kg
P3201-04	A4BZ2	Solid	Chrysene		57.000	J	52	290 ug/Kg
P3201-04	A4BZ2	Solid	Fluoranthene		110.000	J	91	290 ug/Kg
P3201-04	A4BZ2	Solid	Phenanthrene		77.000	J	49	290 ug/Kg
P3201-04	A4BZ2	Solid	Pyrene		100.000	J	82	290 ug/Kg
Total Svoc :				475.00				
Total Concentration:				1,255.00				
Client ID : A4BZ3								
P3201-05	A4BZ3	Solid	1-Heneicosanol	*	180.000	J		
P3201-05	A4BZ3	Solid	n-Hexadecanoic acid	*	290.000	J		
P3201-05	A4BZ3	Solid	Octadecanoic acid	*	85.000	J		
P3201-05	A4BZ3	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				555.00				

Hit Summary Sheet SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3201-05	A4BZ3	Solid	Benzo(a)anthracene	110.000	J	31	200	ug/Kg
P3201-05	A4BZ3	Solid	Benzo(a)pyrene	46.000	J	37	200	ug/Kg
P3201-05	A4BZ3	Solid	Benzo(b)fluoranthene	200.000		38	200	ug/Kg
P3201-05	A4BZ3	Solid	Benzo(k)fluoranthene	59.000	J	44	200	ug/Kg
P3201-05	A4BZ3	Solid	Chrysene	150.000	J	36	200	ug/Kg
P3201-05	A4BZ3	Solid	Fluoranthene	240.000		62	200	ug/Kg
P3201-05	A4BZ3	Solid	Indeno(1,2,3-cd)pyrene	41.000	J	36	200	ug/Kg
P3201-05	A4BZ3	Solid	Phenanthrene	120.000	J	33	200	ug/Kg
P3201-05	A4BZ3	Solid	Pyrene	120.000	J	57	200	ug/Kg
Total Svoc :				1,086.00				
Total Concentration:				1,641.00				
Client ID : A4BZ4								
P3201-06	A4BZ4	Solid	n-Hexadecanoic acid	*	160.000	J		
P3201-06	A4BZ4	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :				160.00				
P3201-06	A4BZ4	Solid	Benzo(a)anthracene	130.000	J	35	220	ug/Kg
P3201-06	A4BZ4	Solid	Benzo(a)pyrene	45.000	J	41	220	ug/Kg
P3201-06	A4BZ4	Solid	Benzo(b)fluoranthene	170.000	J	42	220	ug/Kg
P3201-06	A4BZ4	Solid	Benzo(k)fluoranthene	54.000	J	49	220	ug/Kg
P3201-06	A4BZ4	Solid	Chrysene	140.000	J	40	220	ug/Kg
P3201-06	A4BZ4	Solid	Fluoranthene	250.000		69	220	ug/Kg
P3201-06	A4BZ4	Solid	Phenanthrene	190.000	J	37	220	ug/Kg
P3201-06	A4BZ4	Solid	Pyrene	140.000	J	63	220	ug/Kg
Total Svoc :				1,119.00				
Total Concentration:				1,279.00				
Client ID : A4CH7								
P3201-13	A4CH7	Solid	n-Hexadecanoic acid	*	160.000	J		
P3201-13	A4CH7	Solid	Total Alkanes	*	0.000	26	190	ug/Kg
Total Tics :				160.00				
P3201-13	A4CH7	Solid	Benzo(a)anthracene	100.000	J	30	190	ug/Kg
P3201-13	A4CH7	Solid	Benzo(a)pyrene	55.000	J	35	190	ug/Kg
P3201-13	A4CH7	Solid	Benzo(b)fluoranthene	150.000	J	36	190	ug/Kg
P3201-13	A4CH7	Solid	Chrysene	120.000	J	34	190	ug/Kg
P3201-13	A4CH7	Solid	Fluoranthene	220.000		59	190	ug/Kg
P3201-13	A4CH7	Solid	Indeno(1,2,3-cd)pyrene	48.000	J	34	190	ug/Kg
P3201-13	A4CH7	Solid	Phenanthrene	150.000	J	32	190	ug/Kg
P3201-13	A4CH7	Solid	Pyrene	150.000	J	54	190	ug/Kg
Total Svoc :				993.00				
Total Concentration:				1,153.00				

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SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CH8								
P3201-14	A4CH8	Solid	(DEL) Alkane: Straight-Chain21.2	*	120.000	J		
P3201-14	A4CH8	Solid	n-Hexadecanoic acid	*	190.000	J		
P3201-14	A4CH8	Solid	Total Alkanes	*	120.000		26	190 ug/Kg
Total Tics :					430.00			
P3201-14	A4CH8	Solid	Anthracene		40.000	J	28	190 ug/Kg
P3201-14	A4CH8	Solid	Benzo(a)anthracene		190.000		30	190 ug/Kg
P3201-14	A4CH8	Solid	Benzo(a)pyrene		100.000	J	35	190 ug/Kg
P3201-14	A4CH8	Solid	Benzo(b)fluoranthene		240.000		36	190 ug/Kg
P3201-14	A4CH8	Solid	Benzo(k)fluoranthene		78.000	J	42	190 ug/Kg
P3201-14	A4CH8	Solid	Chrysene		200.000		34	190 ug/Kg
P3201-14	A4CH8	Solid	Fluoranthene		290.000		59	190 ug/Kg
P3201-14	A4CH8	Solid	Indeno(1,2,3-cd)pyrene		70.000	J	34	190 ug/Kg
P3201-14	A4CH8	Solid	Phenanthrene		130.000	J	32	190 ug/Kg
P3201-14	A4CH8	Solid	Pyrene		220.000		54	190 ug/Kg
Total Svoc :					1,558.00			
Total Concentration:					1,988.00			
Client ID : A4CH9								
P3201-15	A4CH9	Solid	(DEL) Alkane: Cyclic21.221	*	200.000	J		
P3201-15	A4CH9	Solid	n-Hexadecanoic acid	*	230.000	J		
P3201-15	A4CH9	Solid	Total Alkanes	*	200.000		30	220 ug/Kg
Total Tics :					630.00			
P3201-15	A4CH9	Solid	Benzo(a)anthracene		100.000	J	34	220 ug/Kg
P3201-15	A4CH9	Solid	Benzo(a)pyrene		47.000	J	41	220 ug/Kg
P3201-15	A4CH9	Solid	Benzo(b)fluoranthene		110.000	J	42	220 ug/Kg
P3201-15	A4CH9	Solid	Chrysene		110.000	J	39	220 ug/Kg
P3201-15	A4CH9	Solid	Fluoranthene		200.000	J	69	220 ug/Kg
P3201-15	A4CH9	Solid	Phenanthrene		190.000	J	37	220 ug/Kg
P3201-15	A4CH9	Solid	Pyrene		140.000	J	62	220 ug/Kg
Total Svoc :					897.00			
Total Concentration:					1,527.00			
Client ID : A4CJ0								
P3201-16	A4CJ0	Solid	(DEL) Alkane: Straight-Chain21.2	*	100.000	J		
P3201-16	A4CJ0	Solid	n-Hexadecanoic acid	*	190.000	J		
P3201-16	A4CJ0	Solid	Total Alkanes	*	100.000		29	200 ug/Kg
Total Tics :					390.00			
P3201-16	A4CJ0	Solid	Benzo(a)anthracene		48.000	J	32	200 ug/Kg
P3201-16	A4CJ0	Solid	Benzo(a)pyrene		44.000	J	38	200 ug/Kg
P3201-16	A4CJ0	Solid	Benzo(b)fluoranthene		58.000	J	40	200 ug/Kg
P3201-16	A4CJ0	Solid	Chrysene		51.000	J	37	200 ug/Kg

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SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3201-16	A4CJ0	Solid	Fluoranthene	100.000	J	65	200	ug/Kg
P3201-16	A4CJ0	Solid	Phenanthrene	84.000	J	35	200	ug/Kg
P3201-16	A4CJ0	Solid	Pyrene	93.000	J	59	200	ug/Kg
Total Svoc :				478.00				
Total Concentration:				868.00				
Client ID : A4CJ3								
P3201-17	A4CJ3	Solid	(DEL) Alkane: Cyclic21.216	*	320.000	J		
P3201-17	A4CJ3	Solid	4H-Cyclopenta[def]phenanthrene	*	190.000	J		
P3201-17	A4CJ3	Solid	9,10-Anthracenedione	*	160.000	J		
P3201-17	A4CJ3	Solid	Fluoranthene, 2-methyl-	*	150.000	J		
P3201-17	A4CJ3	Solid	n-Hexadecanoic acid	*	860.000	J		
P3201-17	A4CJ3	Solid	Octadecanoic acid	*	140.000	J		
P3201-17	A4CJ3	Solid	Total Alkanes	*	320.000	47	330	ug/Kg
Total Tics :				2,140.00				
P3201-17	A4CJ3	Solid	Anthracene		160.000	J	49	ug/Kg
P3201-17	A4CJ3	Solid	Benzo(a)anthracene		660.000		53	ug/Kg
P3201-17	A4CJ3	Solid	Benzo(a)pyrene		390.000		63	ug/Kg
P3201-17	A4CJ3	Solid	Benzo(b)fluoranthene		1,000.000		64	ug/Kg
P3201-17	A4CJ3	Solid	Benzo(k)fluoranthene		380.000		74	ug/Kg
P3201-17	A4CJ3	Solid	Bis(2-ethylhexyl)phthalate		310.000	J	190	ug/Kg
P3201-17	A4CJ3	Solid	Carbazole		110.000	J	55	ug/Kg
P3201-17	A4CJ3	Solid	Chrysene		820.000		61	ug/Kg
P3201-17	A4CJ3	Solid	Dibenzo(a,h)anthracene		130.000	J	55	ug/Kg
P3201-17	A4CJ3	Solid	Fluoranthene		1,300.000		110	ug/Kg
P3201-17	A4CJ3	Solid	Indeno(1,2,3-cd)pyrene		310.000	J	61	ug/Kg
P3201-17	A4CJ3	Solid	Phenanthrene		790.000		57	ug/Kg
P3201-17	A4CJ3	Solid	Pyrene		930.000		96	ug/Kg
Total Svoc :				7,290.00				
Total Concentration:				9,430.00				
Client ID : A4CJ9								
P3201-18	A4CJ9	Solid	(DEL) Alkane: Straight-Chain22.4	*	200.000	J		
P3201-18	A4CJ9	Solid	1-Heneicosanol	*	260.000	J		
P3201-18	A4CJ9	Solid	1-Phenoxypropan-2-ol	*	73.000	J		
P3201-18	A4CJ9	Solid	n-Hexadecanoic acid	*	260.000	J		
P3201-18	A4CJ9	Solid	Octadecanoic acid	*	78.000	J		
P3201-18	A4CJ9	Solid	Propylene Glycol	*	100.000	J		
P3201-18	A4CJ9	Solid	Total Alkanes	*	200.000	25	180	ug/Kg
Total Tics :				1,171.00				
Total Concentration:				1,171.00				

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CK1								
P3201-19	A4CK1	Solid	(DEL) Alkane: Cyclic24.063	*	750.000	J		
P3201-19	A4CK1	Solid	(DEL) Alkane: Straight-Chain20.6	*	85.000	J		
P3201-19	A4CK1	Solid	(DEL) Alkane: Straight-Chain22.4	*	260.000	J		
P3201-19	A4CK1	Solid	(DEL) Alkane: Straight-Chain23.5	*	690.000	J		
P3201-19	A4CK1	Solid	(DEL) Alkane: Straight-Chain26.1	*	1,800.000	J		
P3201-19	A4CK1	Solid	(DEL) Alkane: Straight-Chain29.2	*	470.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,2,3,5,5-pentach	*	96.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,2,3,5-tetrachlo	*	410.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	170.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	160.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,3,3,4,4-pentach	*	120.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,3,3,4,6-pentach	*	280.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	190.000	J		
P3201-19	A4CK1	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	170.000	J		
P3201-19	A4CK1	Solid	1,19-Eicosadiene	*	840.000	J		
P3201-19	A4CK1	Solid	1-Heneicosanol	*	660.000	J		
P3201-19	A4CK1	Solid	11H-Benzo[a]fluorene	*	84.000	J		
P3201-19	A4CK1	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	380.000	J		
P3201-19	A4CK1	Solid	2,3,3,4-Tetrachloro-1,1-biphenyl	*	370.000	J		
P3201-19	A4CK1	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	140.000	J		
P3201-19	A4CK1	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	88.000	J		
P3201-19	A4CK1	Solid	Dehydroabietic acid	*	81.000	J		
P3201-19	A4CK1	Solid	Hexacosanal	*	530.000	J		
P3201-19	A4CK1	Solid	n-Hexadecanoic acid	*	800.000	J		
P3201-19	A4CK1	Solid	Pentadecafluorooctanoic acid, oct:	*	610.000	J		
P3201-19	A4CK1	Solid	Total Alkanes	*	4,100.000	J	26	190 ug/Kg
Total Tics :					14,334.00			
P3201-19	A4CK1	Solid	Acenaphthylene		68.000	J	35	190 ug/Kg
P3201-19	A4CK1	Solid	Anthracene		91.000	J	27	190 ug/Kg
P3201-19	A4CK1	Solid	Benzo(a)anthracene		290.000	J	30	190 ug/Kg
P3201-19	A4CK1	Solid	Benzo(a)pyrene		170.000	J	35	190 ug/Kg
P3201-19	A4CK1	Solid	Benzo(b)fluoranthene		420.000	J	36	190 ug/Kg
P3201-19	A4CK1	Solid	Benzo(k)fluoranthene		160.000	J	42	190 ug/Kg
P3201-19	A4CK1	Solid	Carbazole		44.000	J	31	360 ug/Kg
P3201-19	A4CK1	Solid	Chrysene		350.000	J	34	190 ug/Kg
P3201-19	A4CK1	Solid	Dibenzo(a,h)anthracene		62.000	J	31	190 ug/Kg
P3201-19	A4CK1	Solid	Fluoranthene		500.000	J	59	190 ug/Kg
P3201-19	A4CK1	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	34	190 ug/Kg
P3201-19	A4CK1	Solid	Phenanthrene		350.000	J	32	190 ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3201-19	A4CK1	Solid	Pyrene	380.000	54		190	ug/Kg
Total Svoc :				3,025.00				
Total Concentration:				17,359.00				
Client ID : A4C00DL								
P3215-03DL	A4C00DL	Solid	2H-Pyran, tetrahydro-2-methyl-	*	1,100.000	JD		
P3215-03DL	A4C00DL	Solid	3-Penten-2-ol	*	790.000	JD		
P3215-03DL	A4C00DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	JD		
P3215-03DL	A4C00DL	Solid	9,10-Anthracenedione	*	480.000	JD		
P3215-03DL	A4C00DL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	450.000	JD		
P3215-03DL	A4C00DL	Solid	Phenanthrene, 2-methyl-	*	830.000	JD		
P3215-03DL	A4C00DL	Solid	unknown-01	*	2,700.000	JD		
P3215-03DL	A4C00DL	Solid	Total Alkanes	*	0.000	D 150	1100	ug/Kg
Total Tics :				7,450.00				
P3215-03DL	A4C00DL	Solid	Acenaphthene		550.000	JD 190	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Anthracene		1,500.000	D 160	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Benzo(a)anthracene		2,800.000	D 170	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Benzo(a)pyrene		850.000	JD 210	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Benzo(b)fluoranthene		3,000.000	D 210	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Benzo(k)fluoranthene		1,100.000	D 240	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Carbazole		910.000	JD 180	2100	ug/Kg
P3215-03DL	A4C00DL	Solid	Chrysene		2,800.000	D 200	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Dibenzo(a,h)anthracene		370.000	JD 180	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Dibenzofuran		450.000	JD 210	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Fluoranthene		6,400.000	D 350	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Fluorene		720.000	JD 160	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Indeno(1,2,3-cd)pyrene		740.000	JD 200	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Naphthalene		430.000	JD 160	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Phenanthrene		7,100.000	D 190	1100	ug/Kg
P3215-03DL	A4C00DL	Solid	Pyrene		3,500.000	D 320	1100	ug/Kg
Total Svoc :				33,220.00				
Total Concentration:				40,670.00				
Client ID : A4C02DL								
P3215-04DL	A4C02DL	Solid	11H-Benzo[b]fluorene	*	410.000	JD		
P3215-04DL	A4C02DL	Solid	3,3,4,5-Tetrachloro-1,1-biphenyl	*	500.000	JD		
P3215-04DL	A4C02DL	Solid	3-Penten-2-ol	*	890.000	JD		
P3215-04DL	A4C02DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200.000	JD		
P3215-04DL	A4C02DL	Solid	Anthracene, 1-methyl-	*	420.000	JD		
P3215-04DL	A4C02DL	Solid	Benzo[ghi]fluoranthene	*	780.000	JD		
P3215-04DL	A4C02DL	Solid	n-Hexadecanoic acid	*	790.000	JD		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-04DL	A4C02DL	Solid	Naphthalene, 2-phenyl-	*	380.000	JD		
P3215-04DL	A4C02DL	Solid	Phenanthrene, 1-methyl-	*	760.000	JD		
P3215-04DL	A4C02DL	Solid	Phenanthrene, 2-methyl-	*	490.000	JD		
P3215-04DL	A4C02DL	Solid	unknown-01	*	760.000	JD		
P3215-04DL	A4C02DL	Solid	Total Alkanes	*	0.000	D 140	980	ug/Kg
Total Tics :				7,380.00				
P3215-04DL	A4C02DL	Solid	Acenaphthene		350.000	JD 170	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Acenaphthylene		280.000	JD 180	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Anthracene		1,100.000	D 140	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Benzo(a)anthracene		2,800.000	D 160	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Benzo(a)pyrene		970.000	JD 180	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Benzo(b)fluoranthene		3,200.000	D 190	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Benzo(k)fluoranthene		1,300.000	D 220	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Carbazole		430.000	JD 160	1900	ug/Kg
P3215-04DL	A4C02DL	Solid	Chrysene		2,900.000	D 180	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Dibenzo(a,h)anthracene		440.000	JD 160	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Dibenzofuran		240.000	JD 180	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Fluoranthene		5,600.000	D 310	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Fluorene		410.000	JD 140	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Indeno(1,2,3-cd)pyrene		790.000	JD 180	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Phenanthrene		4,600.000	D 170	980	ug/Kg
P3215-04DL	A4C02DL	Solid	Pyrene		3,100.000	D 280	980	ug/Kg
Total Svoc :				28,510.00				
Total Concentration:				35,890.00				
Client ID : A4C09DL								
P3215-06DL	A4C09DL	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	750.000	JD		
P3215-06DL	A4C09DL	Solid	1,1-Biphenyl, 2,3,4,6-Tetrachloro-	*	430.000	JD		
P3215-06DL	A4C09DL	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	1,200.000	JD		
P3215-06DL	A4C09DL	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	710.000	JD		
P3215-06DL	A4C09DL	Solid	1,1-Biphenyl, 3,3,5,5-tetrachlo	*	690.000	JD		
P3215-06DL	A4C09DL	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	990.000	JD		
P3215-06DL	A4C09DL	Solid	3-Penten-2-ol	*	640.000	JD		
P3215-06DL	A4C09DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,700.000	JD		
P3215-06DL	A4C09DL	Solid	9,10-Anthracenedione	*	670.000	JD		
P3215-06DL	A4C09DL	Solid	Anthracene, 1-methyl-	*	840.000	JD		
P3215-06DL	A4C09DL	Solid	Naphthalene, 2-phenyl-	*	530.000	JD		
P3215-06DL	A4C09DL	Solid	Phenanthrene, 2-methyl-	*	830.000	JD		
P3215-06DL	A4C09DL	Solid	Pyrene, 1-methyl-	*	440.000	JD		
P3215-06DL	A4C09DL	Solid	Pyrene, 2-methyl-	*	650.000	JD		
P3215-06DL	A4C09DL	Solid	unknown-01	*	1.000.000	JD		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-06DL	A4C09DL	Solid	unknown-02	*	2,800.000	JD		
P3215-06DL	A4C09DL	Solid	unknown-03	*	950.000	JD		
P3215-06DL	A4C09DL	Solid	Total Alkanes	*	0.000	D 140	990	ug/Kg
Total Tics :				15,820.00				
P3215-06DL	A4C09DL	Solid	Acenaphthene		540.000	JD 170	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Anthracene		880.000	JD 150	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Benzo(a)anthracene		2,700.000	D 160	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Benzo(a)pyrene		1,000.000	D 190	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Benzo(b)fluoranthene		3,300.000	D 190	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Benzo(k)fluoranthene		1,300.000	D 220	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Carbazole		540.000	JD 160	1900	ug/Kg
P3215-06DL	A4C09DL	Solid	Chrysene		2,900.000	D 180	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Dibenzo(a,h)anthracene		440.000	JD 160	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Dibenzofuran		360.000	JD 190	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Fluoranthene		5,700.000	D 310	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Fluorene		470.000	JD 150	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Indeno(1,2,3-cd)pyrene		820.000	JD 180	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Naphthalene		340.000	JD 150	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Phenanthrene		5,400.000	D 170	990	ug/Kg
P3215-06DL	A4C09DL	Solid	Pyrene		3,200.000	D 280	990	ug/Kg
Total Svoc :				29,890.00				
Total Concentration:				45,710.00				
Client ID :	A4BE7							
P3238-04	A4BE7	Solid	(DEL) Alkane: Cyclic21.227	*	160.000	J		
P3238-04	A4BE7	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3238-04	A4BE7	Solid	n-Hexadecanoic acid	*	220.000	J		
P3238-04	A4BE7	Solid	Total Alkanes	*	160.000	32	230	ug/Kg
Total Tics :				670.00				
P3238-04	A4BE7	Solid	Anthracene		100.000	J 33	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(a)anthracene		340.000	36	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(a)pyrene		180.000	J 42	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(b)fluoranthene		410.000	44	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(k)fluoranthene		160.000	J 50	230	ug/Kg
P3238-04	A4BE7	Solid	Carbazole		81.000	J 37	440	ug/Kg
P3238-04	A4BE7	Solid	Chrysene		360.000	41	230	ug/Kg
P3238-04	A4BE7	Solid	Dibenzo(a,h)anthracene		53.000	J 37	230	ug/Kg
P3238-04	A4BE7	Solid	Fluoranthene		750.000	72	230	ug/Kg
P3238-04	A4BE7	Solid	Fluorene		49.000	J 33	230	ug/Kg
P3238-04	A4BE7	Solid	Indeno(1,2,3-cd)pyrene		130.000	J 41	230	ug/Kg
P3238-04	A4BE7	Solid	Phenanthrene		600.000	38	230	ug/Kg

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SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-04	A4BE7	Solid	Pyrene	510.000		65	230	ug/Kg
Total Svoc :				3,723.00				
Total Concentration:				4,393.00				
Client ID : A4BE9								
P3238-06	A4BE9	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P3238-06	A4BE9	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J		
P3238-06	A4BE9	Solid	9,10-Anthracenedione	*	120.000	J		
P3238-06	A4BE9	Solid	Propylene Glycol	*	99.000	J		
P3238-06	A4BE9	Solid	unknown-01	*	110.000	J		
P3238-06	A4BE9	Solid	Total Alkanes	*	0.000		34	240 ug/Kg
Total Tics :				699.00				
P3238-06	A4BE9	Solid	Acenaphthene		68.000	J	41	240 ug/Kg
P3238-06	A4BE9	Solid	Anthracene		130.000	J	35	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)anthracene		420.000		38	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)pyrene		240.000		45	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(b)fluoranthene		560.000		46	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(k)fluoranthene		180.000	J	54	240 ug/Kg
P3238-06	A4BE9	Solid	Bis(2-ethylhexyl)phthalate		170.000	J	140	240 ug/Kg
P3238-06	A4BE9	Solid	Carbazole		100.000	J	39	460 ug/Kg
P3238-06	A4BE9	Solid	Chrysene		480.000		44	240 ug/Kg
P3238-06	A4BE9	Solid	Dibenzo(a,h)anthracene		70.000	J	39	240 ug/Kg
P3238-06	A4BE9	Solid	Fluoranthene		930.000		76	240 ug/Kg
P3238-06	A4BE9	Solid	Fluorene		68.000	J	35	240 ug/Kg
P3238-06	A4BE9	Solid	Indeno(1,2,3-cd)pyrene		170.000	J	44	240 ug/Kg
P3238-06	A4BE9	Solid	Phenanthrene		790.000		41	240 ug/Kg
P3238-06	A4BE9	Solid	Pyrene		660.000		69	240 ug/Kg
Total Svoc :				5,036.00				
Total Concentration:				5,735.00				
Client ID : A4BF0								
P3238-07	A4BF0	Solid	(DEL) Alkane: Cyclic21.227	*	210.000	J		
P3238-07	A4BF0	Solid	1,1-Biphenyl, 2,3,4,6-tetrachlo	*	160.000	J		
P3238-07	A4BF0	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	210.000	J		
P3238-07	A4BF0	Solid	1-Phenoxypropan-2-ol	*	330.000	J		
P3238-07	A4BF0	Solid	n-Hexadecanoic acid	*	140.000	J		
P3238-07	A4BF0	Solid	R-(-)-1,2-propanediol	*	220.000	J		
P3238-07	A4BF0	Solid	Total Alkanes	*	210.000		41	290 ug/Kg
Total Tics :				1,480.00				
P3238-07	A4BF0	Solid	Acenaphthene		61.000	J	50	290 ug/Kg
P3238-07	A4BF0	Solid	Anthracene		99.000	J	43	290 ug/Kg
P3238-07	A4BF0	Solid	Benzo(a)anthracene		210.000	J	47	290 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-07	A4BF0	Solid	Benzo(a)pyrene	180.000	J	55	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(b)fluoranthene	250.000	J	57	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(g,h,i)perylene	110.000	J	45	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(k)fluoranthene	84.000	J	66	290	ug/Kg
P3238-07	A4BF0	Solid	Bis(2-ethylhexyl)phthalate	1,100.000		170	290	ug/Kg
P3238-07	A4BF0	Solid	Carbazole	68.000	J	48	570	ug/Kg
P3238-07	A4BF0	Solid	Chrysene	220.000	J	54	290	ug/Kg
P3238-07	A4BF0	Solid	Fluoranthene	430.000		93	290	ug/Kg
P3238-07	A4BF0	Solid	Indeno(1,2,3-cd)pyrene	97.000	J	54	290	ug/Kg
P3238-07	A4BF0	Solid	Phenanthrene	470.000		50	290	ug/Kg
P3238-07	A4BF0	Solid	Pyrene	360.000		85	290	ug/Kg
Total Svoc :				3,739.00				
Total Concentration:				5,219.00				
Client ID : A4BF3								
P3238-08	A4BF3	Solid	(DEL) Alkane: Straight-Chain23.5 *	500.000	J			
P3238-08	A4BF3	Solid	(DEL) Alkane: Straight-Chain26.0 *	840.000	J			
P3238-08	A4BF3	Solid	1-Phenoxypropan-2-ol *	230.000	J			
P3238-08	A4BF3	Solid	1H-Benzo[b]fluorene *	190.000	J			
P3238-08	A4BF3	Solid	3-Chloro-2,6-dihydroxy-4-methyl *	210.000	J			
P3238-08	A4BF3	Solid	4H-Cyclopenta[def]phenanthrene *	310.000	J			
P3238-08	A4BF3	Solid	9,10-Anthracenedione *	180.000	J			
P3238-08	A4BF3	Solid	Benzaldehyde, 2,6-dihydroxy-4-methyl *	260.000	J			
P3238-08	A4BF3	Solid	Benzoic acid, 2,4-dihydroxy-3,6-dimethyl *	700.000	J			
P3238-08	A4BF3	Solid	n-Hexadecanoic acid *	190.000	J			
P3238-08	A4BF3	Solid	Pentadecafluorooctanoic acid, hexafluoro *	300.000	J			
P3238-08	A4BF3	Solid	Total Alkanes *	1,300.000		52	370	ug/Kg
Total Tics :				5,210.00				
P3238-08	A4BF3	Solid	Acenaphthene	82.000	J	63	370	ug/Kg
P3238-08	A4BF3	Solid	Anthracene	180.000	J	54	370	ug/Kg
P3238-08	A4BF3	Solid	Benzo(a)anthracene	730.000		58	370	ug/Kg
P3238-08	A4BF3	Solid	Benzo(a)pyrene	400.000		69	370	ug/Kg
P3238-08	A4BF3	Solid	Benzo(b)fluoranthene	990.000		71	370	ug/Kg
P3238-08	A4BF3	Solid	Benzo(k)fluoranthene	360.000	J	82	370	ug/Kg
P3238-08	A4BF3	Solid	Carbazole	120.000	J	60	710	ug/Kg
P3238-08	A4BF3	Solid	Chrysene	870.000		67	370	ug/Kg
P3238-08	A4BF3	Solid	Dibenzo(a,h)anthracene	130.000	J	60	370	ug/Kg
P3238-08	A4BF3	Solid	Fluoranthene	1,600.000		120	370	ug/Kg
P3238-08	A4BF3	Solid	Fluorene	83.000	J	54	370	ug/Kg
P3238-08	A4BF3	Solid	Indeno(1,2,3-cd)pyrene	300.000	J	67	370	ug/Kg
P3238-08	A4BF3	Solid	Phenanthrene	1,200.000		63	370	ug/Kg

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SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-08	A4BF3	Solid	Pyrene	1,200.000		110	370	ug/Kg
Total Svoc :				8,245.00				
Total Concentration:				13,455.00				
Client ID : A4BF4								
P3238-09	A4BF4	Solid	(DEL) Alkane: Cyclic21.216	*	150.000	J		
P3238-09	A4BF4	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3238-09	A4BF4	Solid	n-Hexadecanoic acid	*	130.000	J		
P3238-09	A4BF4	Solid	Total Alkanes	*	150.000	33	230	ug/Kg
Total Tics :				540.00				
P3238-09	A4BF4	Solid	Benzo(a)anthracene		190.000	J 37	230	ug/Kg
P3238-09	A4BF4	Solid	Benzo(a)pyrene		120.000	J 43	230	ug/Kg
P3238-09	A4BF4	Solid	Benzo(b)fluoranthene		340.000	45	230	ug/Kg
P3238-09	A4BF4	Solid	Benzo(k)fluoranthene		110.000	J 52	230	ug/Kg
P3238-09	A4BF4	Solid	Chrysene		260.000	42	230	ug/Kg
P3238-09	A4BF4	Solid	Fluoranthene		410.000	73	230	ug/Kg
P3238-09	A4BF4	Solid	Indeno(1,2,3-cd)pyrene		100.000	J 42	230	ug/Kg
P3238-09	A4BF4	Solid	Phenanthrene		180.000	J 39	230	ug/Kg
P3238-09	A4BF4	Solid	Pyrene		270.000	67	230	ug/Kg
Total Svoc :				1,980.00				
Total Concentration:				2,520.00				
Client ID : A4BF6								
P3238-10	A4BF6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3238-10	A4BF6	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P3238-10	A4BF6	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P3238-10	A4BF6	Solid	11H-Benzo[b]fluorene	*	180.000	J		
P3238-10	A4BF6	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	190.000	J		
P3238-10	A4BF6	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P3238-10	A4BF6	Solid	9,10-Anthracenedione	*	120.000	J		
P3238-10	A4BF6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P3238-10	A4BF6	Solid	Cyclopenta(cd)pyrene, 3,4-dihydro	*	110.000	J		
P3238-10	A4BF6	Solid	Naphthalene, 2-phenyl-	*	99.000	J		
P3238-10	A4BF6	Solid	Phenanthrene, 1-methyl-	*	100.000	J		
P3238-10	A4BF6	Solid	Phenanthrene, 2-methyl-	*	260.000	J		
P3238-10	A4BF6	Solid	Triphenylene, 2-methyl-	*	180.000	J		
P3238-10	A4BF6	Solid	unknown-01	*	260.000	J		
P3238-10	A4BF6	Solid	Total Alkanes	*	0.000	32	220	ug/Kg
Total Tics :				2,249.00				
P3238-10	A4BF6	Solid	Acenaphthene		84.000	J 38	220	ug/Kg
P3238-10	A4BF6	Solid	Anthracene		210.000	J 33	220	ug/Kg
P3238-10	A4BF6	Solid	Benzo(a)anthracene		660.000	36	220	ug/Kg

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SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-10	A4BF6	Solid	Benzo(a)pyrene	320.000		42	220	ug/Kg
P3238-10	A4BF6	Solid	Benzo(b)fluoranthene	760.000		43	220	ug/Kg
P3238-10	A4BF6	Solid	Benzo(k)fluoranthene	260.000		50	220	ug/Kg
P3238-10	A4BF6	Solid	Carbazole	120.000	J	37	430	ug/Kg
P3238-10	A4BF6	Solid	Chrysene	800.000		41	220	ug/Kg
P3238-10	A4BF6	Solid	Dibenzo(a,h)anthracene	120.000	J	37	220	ug/Kg
P3238-10	A4BF6	Solid	Dibenzofuran	49.000	J	42	220	ug/Kg
P3238-10	A4BF6	Solid	Fluoranthene	1,400.000		71	220	ug/Kg
P3238-10	A4BF6	Solid	Fluorene	88.000	J	33	220	ug/Kg
P3238-10	A4BF6	Solid	Indeno(1,2,3-cd)pyrene	230.000		41	220	ug/Kg
P3238-10	A4BF6	Solid	Phenanthrene	1,200.000		38	220	ug/Kg
P3238-10	A4BF6	Solid	Pyrene	940.000		64	220	ug/Kg
Total Svoc :				7,241.00				
Total Concentration:				9,490.00				
Client ID : A4BF8								
P3238-12	A4BF8	Solid	(DEL) Alkane: Cyclic21.233	*	110.000	J		
P3238-12	A4BF8	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3238-12	A4BF8	Solid	Propylene Glycol	*	92.000	J		
P3238-12	A4BF8	Solid	unknown-01	*	1,400.000	J		
P3238-12	A4BF8	Solid	Total Alkanes	*	110.000		32	230 ug/Kg
Total Tics :				1,862.00				
P3238-12	A4BF8	Solid	Benzo(a)anthracene		78.000	J	36	230 ug/Kg
P3238-12	A4BF8	Solid	Benzo(a)pyrene		55.000	J	43	230 ug/Kg
P3238-12	A4BF8	Solid	Benzo(b)fluoranthene		150.000	J	45	230 ug/Kg
P3238-12	A4BF8	Solid	Chrysene		110.000	J	42	230 ug/Kg
P3238-12	A4BF8	Solid	Fluoranthene		170.000	J	73	230 ug/Kg
P3238-12	A4BF8	Solid	Indeno(1,2,3-cd)pyrene		50.000	J	42	230 ug/Kg
P3238-12	A4BF8	Solid	Phenanthrene		74.000	J	39	230 ug/Kg
P3238-12	A4BF8	Solid	Pyrene		120.000	J	66	230 ug/Kg
Total Svoc :				807.00				
Total Concentration:				2,669.00				
Client ID : A4BF9								
P3238-13	A4BF9	Solid	1-Phenoxypropan-2-ol	*	320.000	J		
P3238-13	A4BF9	Solid	Behenic alcohol	*	320.000	J		
P3238-13	A4BF9	Solid	n-Hexadecanoic acid	*	220.000	J		
P3238-13	A4BF9	Solid	Total Alkanes	*	0.000		57	400 ug/Kg
Total Tics :				860.00				
P3238-13	A4BF9	Solid	Anthracene		100.000	J	59	400 ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)anthracene		450.000		64	400 ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)pyrene		290.000	J	75	400 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-13	A4BF9	Solid	Benzo(b)fluoranthene	660.000		78	400	ug/Kg
P3238-13	A4BF9	Solid	Benzo(k)fluoranthene	230.000	J	90	400	ug/Kg
P3238-13	A4BF9	Solid	Bis(2-ethylhexyl)phthalate	250.000	J	230	400	ug/Kg
P3238-13	A4BF9	Solid	Chrysene	540.000		73	400	ug/Kg
P3238-13	A4BF9	Solid	Dibenzo(a,h)anthracene	81.000	J	66	400	ug/Kg
P3238-13	A4BF9	Solid	Fluoranthene	930.000		130	400	ug/Kg
P3238-13	A4BF9	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	73	400	ug/Kg
P3238-13	A4BF9	Solid	Phenanthrene	560.000		68	400	ug/Kg
P3238-13	A4BF9	Solid	Pyrene	690.000		120	400	ug/Kg
Total Svoc :				5,001.00				
Total Concentration:				5,861.00				
Client ID : E08F4								
P3260-01	E08F4	Water	n-Hexadecanoic acid	*	2.200	J		
P3260-01	E08F4	Water	Octanoic acid	*	2.400	J		
P3260-01	E08F4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				4.60				
Total Concentration:				4.60				
Client ID : E08F9								
P3260-07	E08F9	Water	n-Hexadecanoic acid	*	3.000	J		
P3260-07	E08F9	Water	Octadecanoic acid	*	2.000	J		
P3260-07	E08F9	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				5.00				
Total Concentration:				5.00				
Client ID : E08G0								
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain10.3 *		33.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain11.2 *		10.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain11.4 *		11.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain11.8 *		49.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain12.4 *		4.400	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain12.6 *		5.400	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain12.7 *		5.600	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain12.8 *		7.900	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain13.1 *		33.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain13.7 *		12.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain13.8 *		8.600	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain14.1 *		35.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain14.7 *		4.300	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain14.8 *		11.000	J		
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain15.1 *		35.000	J		

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SDG No.: BP071824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain15.5 *	15.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain15.8 *	5.400	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain16.0 *	43.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain16.3 *	3.500	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain16.6 *	2.400	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain16.8 *	27.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain17.0 *	3.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain17.4 *	3.100	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain17.6 *	2.700	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain17.8 *	23.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain17.9 *	2.100	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain18.0 *	2.100	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain18.3 *	19.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain20.1 *	6.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain20.6 *	3.300	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain5.72 *	6.200	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain7.25 *	10.000	J			
P3260-09	E08G0	Water	(DEL) Alkane: Straight-Chain8.17 *	4.600	J			
P3260-09	E08G0	Water	1,1-Biphenyl, 2,3-dimethyl- *	3.700	J			
P3260-09	E08G0	Water	1H-Indene, 2,3-dihydro-1,6-dimet *	4.200	J			
P3260-09	E08G0	Water	1H-Indene, 2,3-dihydro-4,7-dimet *	13.000	J			
P3260-09	E08G0	Water	1H-Indene, 2,3-dihydro-4-methyl- *	9.500	J			
P3260-09	E08G0	Water	2H-Indeno[2,1-b]furan-2-one, 3,3: *	3.800	J			
P3260-09	E08G0	Water	9,12-Octadecadienoic acid, methyl *	200.000	J			
P3260-09	E08G0	Water	9-Octadecenoic acid (Z)-, methyl *	150.000	J			
P3260-09	E08G0	Water	Benzene, 1,2-diethyl- *	9.700	J			
P3260-09	E08G0	Water	Benzene, 1,3-dimethyl- *	4.600	J			
P3260-09	E08G0	Water	Benzene, 1-ethyl-2,4-dimethyl- *	5.400	J			
P3260-09	E08G0	Water	Benzene, 1-ethyl-2-methyl- *	4.800	J			
P3260-09	E08G0	Water	Benzene, 2-ethenyl-1,4-dimethyl- *	11.000	J			
P3260-09	E08G0	Water	Dodecane, 1-iodo- *	8.500	J			
P3260-09	E08G0	Water	Hexadecanoic acid, methyl ester *	53.000	J			
P3260-09	E08G0	Water	Methyl stearate *	24.000	J			
P3260-09	E08G0	Water	N-(Piperidin-3-yl)acetamide *	15.000	J			
P3260-09	E08G0	Water	n-Hexadecanoic acid *	3.400	J			
P3260-09	E08G0	Water	Naphthalene, 1,2,3,4-tetrahydro-1. *	8.500	J			
P3260-09	E08G0	Water	Naphthalene, 1,2,3,4-tetrahydro-2. *	8.600	J			
P3260-09	E08G0	Water	Naphthalene, 1,2,3,4-tetrahydro-5. *	6.500	J			
P3260-09	E08G0	Water	Naphthalene, 1,2,3,4-tetrahydro-5. *	7.200	J			
P3260-09	E08G0	Water	Naphthalene, 1,2,3,4-tetrahydro-6. *	18.000	J			

Hit Summary Sheet SW-846

SDG No.: BP071824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3260-09	E08G0	Water	Naphthalene, 2,3-dimethyl-	*	8.300	J		
P3260-09	E08G0	Water	o-Cymene	*	7.300	J		
P3260-09	E08G0	Water	Silane, trichlorodocosyl-	*	2.700	J		
P3260-09	E08G0	Water	Sulfurous acid, butyl tetradecyl e	*	5.900	J		
P3260-09	E08G0	Water	trans-4a-Methyl-decahydronaphth	*	4.900	J		
P3260-09	E08G0	Water	unknown-01	*	5.800	J		
P3260-09	E08G0	Water	unknown-03	*	3.500	J		
P3260-09	E08G0	Water	unknown-04	*	3.100	J		
P3260-09	E08G0	Water	Total Alkanes	*	450.000	J	1.1	5.1 ug/L
Total Tics :					1,510.50			
P3260-09	E08G0	Water	1-Methylnaphthalene		1.700	J	0.92	5.1 ug/L
P3260-09	E08G0	Water	2-Methylnaphthalene		3.100	J	1.1	5.1 ug/L
P3260-09	E08G0	Water	Naphthalene		1.100	J	0.95	5.1 ug/L
Total Svoc :					5.90			
Total Concentration:					1,516.40			
Client ID : E08H0								
P3260-12	E08H0	Water	Total Alkanes	*	0.000	J	1.1	5 ug/L
Total Tics :					0.00			
P3260-12	E08H0	Water	Benzaldehyde		2.300	J	1.1	10 ug/L
Total Svoc :					2.30			
Total Concentration:					2.30			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:	RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
	RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	2.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis (1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo (a) anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis (2-ethylhexyl) phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo (b) fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo (k) fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo (a) pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno (1,2,3-cd) pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo (a,h) anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo (g,h,i) perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020646 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 14:02

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	204038	7.722	896738	10.49	595801	14.36
	UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
	LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
	EPA SAMPLE NO.						
01	SBLK120	154364	7.69	621483	10.45	427959	14.31
02	A4BZ2	142086	7.69	569651	10.44	379869	14.32
03	A4BZ3	150357	7.69	583999	10.44	377354	14.30
04	A4BZ4	139469	7.69	551267	10.45	359367	14.30
05	A4CH7	136265	7.68	544700	10.46	344409	14.32
06	E08F4	140625	7.69	548271	10.45	344754	14.31
07	E08F4MS	127176	7.69	506937	10.45	326578	14.30
08	E08F4MSD	128698	7.68	522513	10.45	337628	14.31
09	E08F9	129779	7.68	515053	10.45	332870	14.32
10	E08G0	141806	7.69	564208	10.45	365177	14.32
11	E08H0	162617	7.69	637552	10.45	405079	14.31
12	SLCS120	136697	7.69	537446	10.44	353266	14.31
13	SLCS066	165811	7.68	655725	10.45	420775	14.31
14	SBLK066	165438	7.69	649474	10.45	421309	14.31
15	A4BY7	187174	7.69	747140	10.45	486531	14.30
16	A4BY8	138053	7.69	541187	10.44	349902	14.30
17	A4BY9	160476	7.68	657756	10.45	429573	14.31
18	A4CH9	204784	7.69	811018	10.46	534603	14.31
19	A4CJ0	173950	7.68	712881	10.45	461022	14.32
20	A4CJ3	173374	7.68	690529	10.45	452019	14.30
21	A4CJ9	186388	7.69	758467	10.45	488403	14.32
22	A4CK1	149326	7.69	601182	10.45	396285	14.30
23	A4CH8	175169	7.69	706196	10.45	453132	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020646 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 07:52

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	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
24 A4C09DL	210832	7.69	842764	10.45	557484	14.30
25 A4C02DL	179924	7.69	733788	10.45	490045	14.31
26 A4C00DL	161922	7.68	654629	10.45	430286	14.32
27 SBLK089	135898	7.68	549916	10.44	357031	14.31
28 A4BE7	153795	7.68	641178	10.44	417708	14.30
29 A4BE9	174366	7.68	710057	10.44	467084	14.31
30 A4BF0	129504	7.68	525510	10.45	351848	14.30
31 A4BF3	144999	7.68	580174	10.44	380649	14.31
32 A4BF4	215741	7.68	865274	10.45	558146	14.30
33 A4BF6	151626	7.69	611133	10.44	391534	14.29
34 A4BF8	137968	7.68	558296	10.45	358310	14.31
35 A4BF9	136128	7.68	562438	10.44	364360	14.30

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020695 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP021044.D Time Analyzed: 14:02

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	143356	7.693	562918	10.45	363392	14.31
UPPER LIMIT	286712	8.193	1125836	10.951	726784	14.81
LOWER LIMIT	71678	7.193	281459	9.951	181696	13.81
EPA SAMPLE NO.						
01 SBLK120	154364	7.69	621483	10.45	427959	14.31
02 A4BZ2	142086	7.69	569651	10.44	379869	14.32
03 A4BZ3	150357	7.69	583999	10.44	377354	14.30
04 A4BZ4	139469	7.69	551267	10.45	359367	14.30
05 A4CH7	136265	7.68	544700	10.46	344409	14.32
06 E08F4	140625	7.69	548271	10.45	344754	14.31
07 E08F4MS	127176	7.69	506937	10.45	326578	14.30
08 E08F4MSD	128698	7.68	522513	10.45	337628	14.31
09 E08F9	129779	7.68	515053	10.45	332870	14.32
10 E08G0	141806	7.69	564208	10.45	365177	14.32
11 E08H0	162617	7.69	637552	10.45	405079	14.31
12 SLCS120	136697	7.69	537446	10.44	353266	14.31
13 SLCS066	165811	7.68	655725	10.45	420775	14.31

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020696 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP021058.D Time Analyzed: 00:47

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	147233	7.687	596944	10.45	384046	14.30
UPPER LIMIT	294466	8.187	1193888	10.945	768092	14.798
LOWER LIMIT	73616.5	7.187	298472	9.945	192023	13.798
EPA SAMPLE NO.						
01 SBLK066	165438	7.69	649474	10.45	421309	14.31
02 A4BY7	187174	7.69	747140	10.45	486531	14.30
03 A4BY8	138053	7.69	541187	10.44	349902	14.30
04 A4BY9	160476	7.68	657756	10.45	429573	14.31
05 A4CH9	204784	7.69	811018	10.46	534603	14.31
06 A4CJ0	173950	7.68	712881	10.45	461022	14.32
07 A4CJ3	173374	7.68	690529	10.45	452019	14.30
08 A4CJ9	186388	7.69	758467	10.45	488403	14.32
09 A4CK1	149326	7.69	601182	10.45	396285	14.30
10 A4CH8	175169	7.69	706196	10.45	453132	14.30
11 A4C09DL	210832	7.69	842764	10.45	557484	14.30
12 A4C02DL	179924	7.69	733788	10.45	490045	14.31
13 A4C00DL	161922	7.68	654629	10.45	430286	14.32

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020697 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP021072.D Time Analyzed: 11:24

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	186594	7.693	735421	10.44	479476	14.30
UPPER LIMIT	373188	8.193	1470842	10.94	958952	14.804
LOWER LIMIT	93297	7.193	367710.5	9.94	239738	13.804
EPA SAMPLE NO.						
01 SBLK089	135898	7.68	549916	10.44	357031	14.31
02 A4BE7	153795	7.68	641178	10.44	417708	14.30
03 A4BE9	174366	7.68	710057	10.44	467084	14.31
04 A4BF0	129504	7.68	525510	10.45	351848	14.30
05 A4BF3	144999	7.68	580174	10.44	380649	14.31
06 A4BF4	215741	7.68	865274	10.45	558146	14.30
07 A4BF6	151626	7.69	611133	10.44	391534	14.29
08 A4BF8	137968	7.68	558296	10.45	358310	14.31
09 A4BF9	136128	7.68	562438	10.44	364360	14.30

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020646 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 14:02

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	1.18434e+0	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
01	SBLK120	940907	17.12	908222	21.57	1.09207e+	24.87
02	A4BZ2	830448	17.12	815873	21.57	988884	24.89
03	A4BZ3	843432	17.12	911972	21.56	1.14836e+	24.88
04	A4BZ4	777412	17.13	769596	21.58	938918	24.90
05	A4CH7	760124	17.13	753183	21.57	949880	24.89
06	E08F4	752823	17.12	805505	21.57	1.04695e+	24.89
07	E08F4MS	710475	17.13	756782	21.57	945239	24.89
08	E08F4MSD	736943	17.13	775286	21.57	961649	24.89
09	E08F9	712350	17.12	708132	21.58	884867	24.89
10	E08G0	772445	17.13	757401	21.57	927483	24.89
11	E08H0	887374	17.12	862053	21.57	1.02232e+	24.88
12	SLCS120	774213	17.12	835766	21.56	1.04685e+	24.87
13	SLCS066	937054	17.13	987036	21.57	1.25511e+	24.89
14	SBLK066	910759	17.13	889816	21.57	1.09617e+	24.89
15	A4BY7	1.04485	17.12	1.02691e+	21.57	1.23912e+	24.86
16	A4BY8	769879	17.13	858468	21.56	1.08489e+	24.88
17	A4BY9	966723	17.12	1.0082e+0	21.57	1.22671e+	24.89
18	A4CH9	1.14592	17.13	1.07688e+	21.56	1.34582e+	24.89
19	A4CJ0	1.00588	17.13	965519	21.57	1.16407e+	24.86
20	A4CJ3	1.00676	17.13	1.02045e+	21.57	1.20167e+	24.88
21	A4CJ9	1.10378	17.12	1.25498e+	21.57	1.55807e+	24.89

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020646 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 06:27

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	1.18434e+0	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
22	A4CK1	901426	17.12	902182	21.57	1.13086e+	24.90
23	A4CH8	995010	17.13	990911	21.57	1.2287e+0	24.89
24	A4C09DL	1.25325	17.13	1.23601e+	21.56	1.4659e+0	24.87
25	A4C02DL	1.13714	17.12	1.18273e+	21.57	1.4716e+0	24.87
26	A4C00DL	975053	17.13	1.06504e+	21.57	1.32444e+	24.86
27	SBLK089	799539	17.12	863950	21.57	1.02883e+	24.89
28	A4BE7	898048	17.13	877789	21.56	1.04778e+	24.88
29	A4BE9	1.05791	17.12	1.11498e+	21.56	1.34804e+	24.87
30	A4BF0	789517	17.12	832903	21.57	1.03176e+	24.89
31	A4BF3	811416	17.12	803281	21.56	970233	24.86
32	A4BF4	1.21604	17.12	1.17511e+	21.56	1.43192e+	24.88
33	A4BF6	852498	17.12	810608	21.57	997106	24.87
34	A4BF8	806744	17.12	873039	21.57	1.07106e+	24.90
35	A4BF9	786833	17.13	771897	21.57	954747	24.88

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020695 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP021044.D Time Analyzed: 14:02

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	799588	17.128	785702	21.58	966913	24.91
UPPER LIMIT	1599176	17.628	1571404	22.08	1933826	25.41
LOWER LIMIT	399794	16.628	392851	21.08	483456.5	24.41
EPA SAMPLE NO.						
01 SBLK120	940907	17.12	908222	21.57	1.09207e+	24.87
02 A4BZ2	830448	17.12	815873	21.57	988884	24.89
03 A4BZ3	843432	17.12	911972	21.56	1.14836e+	24.88
04 A4BZ4	777412	17.13	769596	21.58	938918	24.90
05 A4CH7	760124	17.13	753183	21.57	949880	24.89
06 E08F4	752823	17.12	805505	21.57	1.04695e+	24.89
07 E08F4MS	710475	17.13	756782	21.57	945239	24.89
08 E08F4MSD	736943	17.13	775286	21.57	961649	24.89
09 E08F9	712350	17.12	708132	21.58	884867	24.89
10 E08G0	772445	17.13	757401	21.57	927483	24.89
11 E08H0	887374	17.12	862053	21.57	1.02232e+	24.88
12 SLCS120	774213	17.12	835766	21.56	1.04685e+	24.87
13 SLCS066	937054	17.13	987036	21.57	1.25511e+	24.89

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020696 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP021058.D Time Analyzed: 00:47

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	844796	17.121	840964	21.568	1.04595e+01	24.892
UPPER LIMIT	1689592	17.621	1681928	22.068	2091900	25.392
LOWER LIMIT	422398	16.621	420482	21.068	522975	24.392
EPA SAMPLE NO.						
01 SBLK066	910759	17.13	889816	21.57	1.09617e+	24.89
02 A4BY7	1.04485	17.12	1.02691e+	21.57	1.23912e+	24.86
03 A4BY8	769879	17.13	858468	21.56	1.08489e+	24.88
04 A4BY9	966723	17.12	1.0082e+0	21.57	1.22671e+	24.89
05 A4CH9	1.14592	17.13	1.07688e+	21.56	1.34582e+	24.89
06 A4CJ0	1.00588	17.13	965519	21.57	1.16407e+	24.86
07 A4CJ3	1.00676	17.13	1.02045e+	21.57	1.20167e+	24.88
08 A4CJ9	1.10378	17.12	1.25498e+	21.57	1.55807e+	24.89
09 A4CK1	901426	17.12	902182	21.57	1.13086e+	24.90
10 A4CH8	995010	17.13	990911	21.57	1.2287e+0	24.89
11 A4C09DL	1.25325	17.13	1.23601e+	21.56	1.4659e+0	24.87
12 A4C02DL	1.13714	17.12	1.18273e+	21.57	1.4716e+0	24.87
13 A4C00DL	975053	17.13	1.06504e+	21.57	1.32444e+	24.86

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.: BP071824 SAS No.: BP071824 SDG NO.: BP071824

EPA Sample No.: SSTD020697 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BP021072.D Time Analyzed: 11:24

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	1.04032e+01	17.116	1.04544e+01	21.563	1.29399e+01	24.862
UPPER LIMIT	2080640	17.616	2090880	22.063	2587980	25.362
LOWER LIMIT	520160	16.616	522720	21.063	646995	24.362
EPA SAMPLE NO.						
01 SBLK089	799539	17.12	863950	21.57	1.02883e+01	24.89
02 A4BE7	898048	17.13	877789	21.56	1.04778e+01	24.88
03 A4BE9	1.05791	17.12	1.11498e+01	21.56	1.34804e+01	24.87
04 A4BF0	789517	17.12	832903	21.57	1.03176e+01	24.89
05 A4BF3	811416	17.12	803281	21.56	970233	24.86
06 A4BF4	1.21604	17.12	1.17511e+01	21.56	1.43192e+01	24.88
07 A4BF6	852498	17.12	810608	21.57	997106	24.87
08 A4BF8	806744	17.12	873039	21.57	1.07106e+01	24.90
09 A4BF9	786833	17.13	771897	21.57	954747	24.88

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 LOWER 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.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162066BS	1,4-Dioxane	530	320	ug/Kg	60				0	0		
	Benzaldehyde	1300	980	ug/Kg	75				0	0		
	Pyridine	1300	900	ug/Kg	69				0	0		
	Phenol	1300	990	ug/Kg	76				0	0		
	Bis(2-chloroethyl)ether	1300	890	ug/Kg	68				0	0		
	2-Chlorophenol	1300	960	ug/Kg	74				0	0		
	2-Methylphenol	1300	940	ug/Kg	72				0	0		
	2,2-oxybis(1-Chloropropane)	1300	850	ug/Kg	65				0	0		
	Acetophenone	1300	920	ug/Kg	71				0	0		
	4-Methylphenol	1300	950	ug/Kg	73				0	0		
	N-Nitroso-di-n-propylamine	1300	850	ug/Kg	65				0	0		
	Hexachloroethane	1300	880	ug/Kg	68				0	0		
	Nitrobenzene	1300	980	ug/Kg	75				0	0		
	Isophorone	1300	910	ug/Kg	70				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	810	ug/Kg	62				0	0		
	Bis(2-chloroethoxy)methane	1300	880	ug/Kg	68				0	0		
	2,4-Dichlorophenol	1300	990	ug/Kg	76				0	0		
	Naphthalene	1300	960	ug/Kg	74				0	0		
	4-Chloroaniline	1300	860	ug/Kg	66				0	0		
	Hexachlorobutadiene	1300	900	ug/Kg	69				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	940	ug/Kg	72				0	0		
	2-Methylnaphthalene	1300	930	ug/Kg	72				0	0		
	Hexachlorocyclopentadiene	1300	500	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	1300	930	ug/Kg	72				0	0		
	2,4,5-Trichlorophenol	1300	990	ug/Kg	76				0	0		
	1,1'-Biphenyl	1300	960	ug/Kg	74				0	0		
	2-Chloronaphthalene	1300	960	ug/Kg	74				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	960	ug/Kg	74				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	990	ug/Kg	76				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	960	ug/Kg	74				0	0		
	2,4-Dinitrophenol	1300	1000	ug/Kg	77				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	980	ug/Kg	75				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	960	ug/Kg	74				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	960	ug/Kg	74				0	0		
	4-Nitroaniline	1300	1600	ug/Kg	123				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162066BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	920	ug/Kg	71				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	970	ug/Kg	75				0	0		
	4-Bromophenyl-phenylether	1300	890	ug/Kg	68				0	0		
	Hexachlorobenzene	1300	930	ug/Kg	72				0	0		
	Atrazine	1300	170	ug/Kg	13				0	0		
	Pentachlorophenol	1300	690	ug/Kg	53				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	860	ug/Kg	66				0	0		
	Anthracene	1300	970	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	930	ug/Kg	72				0	0		
	Fluoranthene	1300	830	ug/Kg	64				0	0		
	Pyrene	1300	880	ug/Kg	68				0	0		
	Butylbenzylphthalate	1300	860	ug/Kg	66				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	980	ug/Kg	75				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	790	ug/Kg	61				0	0		
	Di-n-octylphthalate	1300	810	ug/Kg	62				0	0		
	Benzo(b)fluoranthene	1300	970	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	1300	960	ug/Kg	74				0	0		
	Benzo(a)pyrene	1300	890	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	980	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	1300	980	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	840	ug/Kg	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162120BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	29	ug/L	73				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	30	ug/L	75				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethoxy)methane	40	30	ug/L	75				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	28	ug/L	70				0	0	
	Hexachlorobutadiene	40	30	ug/L	75				0	0	
	Caprolactam	40	37	ug/L	93				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	15	ug/L	38				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	31	ug/L	78				0	0	
	2-Chloronaphthalene	40	31	ug/L	78				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	31	ug/L	78				0	0	
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0	
	Acenaphthylene	40	32	ug/L	80				0	0	
	3-Nitroaniline	40	39	ug/L	98				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	43	ug/L	108				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	32	ug/L	80				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0	
	4-Nitroaniline	40	49	ug/L	123				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162120BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0		
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	5.3	ug/L	13				0	0		
	Pentachlorophenol	40	22	ug/L	55				0	0		
	Phenanthrene	40	33	ug/L	83				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	37	ug/L	93				0	0		
	Di-n-butylphthalate	40	32	ug/L	80				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	32	ug/L	80				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	27	ug/L	68				0	0		
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(k)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(a)pyrene	40	31	ug/L	78				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK066

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071824

SAS No.: BP071824 SDG NO.: BP071824

Lab File ID: BP021059.D

Lab Sample ID: PB162066BL

Instrument ID: BNA_P

Date Extracted: 07/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 00:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CJ3	P3201-17	BP021065.D	07/19/2024
A4CJ9	P3201-18	BP021066.D	07/19/2024
A4CK1	P3201-19	BP021067.D	07/19/2024
A4CH8	P3201-14	BP021068.D	07/19/2024
PB162066BS	PB162066BS	BP021057.D	07/18/2024
A4BZ2	P3201-04	BP021046.D	07/18/2024
A4BZ3	P3201-05	BP021047.D	07/18/2024
A4BZ4	P3201-06	BP021048.D	07/18/2024
A4CH7	P3201-13	BP021049.D	07/18/2024
A4BY7	P3201-01	BP021060.D	07/19/2024
A4BY8	P3201-02	BP021061.D	07/19/2024
A4BY9	P3201-03	BP021062.D	07/19/2024
A4CH9	P3201-15	BP021063.D	07/19/2024
A4CJ0	P3201-16	BP021064.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK089

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071824

SAS No.: BP071824 SDG NO.: BP071824

Lab File ID: BP021073.D

Lab Sample ID: PB162089BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BF9	P3238-13	BP021081.D	07/19/2024
A4BE7	P3238-04	BP021074.D	07/19/2024
A4BE9	P3238-06	BP021075.D	07/19/2024
A4BF0	P3238-07	BP021076.D	07/19/2024
A4BF3	P3238-08	BP021077.D	07/19/2024
A4BF4	P3238-09	BP021078.D	07/19/2024
A4BF6	P3238-10	BP021079.D	07/19/2024
A4BF8	P3238-12	BP021080.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK120

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071824

SAS No.: BP071824 SDG NO.: BP071824

Lab File ID: BP021045.D

Lab Sample ID: PB162120BL

Instrument ID: BNA_P

Date Extracted: 07/17/2024

Matrix: (soil/water) Water

Date Analyzed: 07/18/2024

Level: (low/med) LOW

Time Analyzed: 14:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E08G0	P3260-09	BP021054.D	07/18/2024
E08H0	P3260-12	BP021055.D	07/18/2024
PB162120BS	PB162120BS	BP021056.D	07/18/2024
E08F4	P3260-01	BP021050.D	07/18/2024
E08F4MS	P3260-02MS	BP021051.D	07/18/2024
E08F4MSD	P3260-03MSD	BP021052.D	07/18/2024
E08F9	P3260-07	BP021053.D	07/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3260-02MS	Client Sample ID:	E08F4MS					DataFile:	BP021051.D		
1,4-Dioxane	16		5.3	ug/L	33				15	120	
Benzaldehyde	40		33	ug/L	83				0	0	
Pyridine	40		9.5	ug/L	24				0	0	
Phenol	40		9	ug/L	23				12	110	
Bis(2-chloroethyl)ether	40		28	ug/L	70				0	0	
2-Chlorophenol	40		28	ug/L	70				27	123	
2-Methylphenol	40		22	ug/L	55				0	0	
2,2-oxybis(1-Chloropropane)	40		26	ug/L	65				0	0	
Acetophenone	40		30	ug/L	75				0	0	
4-Methylphenol	40		20	ug/L	50				0	0	
N-Nitroso-di-n-propylamine	40		29	ug/L	73				41	116	
Hexachloroethane	40		23	ug/L	58				0	0	
Nitrobenzene	40		31	ug/L	78				0	0	
Isophorone	40		30	ug/L	75				0	0	
2-Nitrophenol	40		34	ug/L	85				0	0	
2,4-Dimethylphenol	40		26	ug/L	65				0	0	
Bis(2-chloroethoxy)methane	40		28	ug/L	70				0	0	
2,4-Dichlorophenol	40		32	ug/L	80				0	0	
Naphthalene	40		30	ug/L	75				0	0	
4-Chloroaniline	40		24	ug/L	60				0	0	
Hexachlorobutadiene	40		26	ug/L	65				0	0	
Caprolactam	40		7.7	ug/L	19				0	0	
4-Chloro-3-methylphenol	40		33	ug/L	83				23	97	
1-Methylnaphthalene	40		31	ug/L	78				0	0	
2-Methylnaphthalene	40		31	ug/L	78				0	0	
Hexachlorocyclopentadiene	40		13	ug/L	33				0	0	
2,4,6-Trichlorophenol	40		34	ug/L	85				0	0	
2,4,5-Trichlorophenol	40		36	ug/L	90				0	0	
1,1'-Biphenyl	40		32	ug/L	80				0	0	
2-Chloronaphthalene	40		32	ug/L	80				0	0	
2-Nitroaniline	40		40	ug/L	100				0	0	
Dimethylphthalate	40		35	ug/L	88				0	0	
2,6-Dinitrotoluene	40		38	ug/L	95				0	0	
Acenaphthylene	40		33	ug/L	83				0	0	
3-Nitroaniline	40		41	ug/L	103				0	0	
Acenaphthene	40		33	ug/L	83				46	118	
2,4-Dinitrophenol	40		36	ug/L	90				0	0	
4-Nitrophenol	40		16	ug/L	40				10	80	
Dibenzofuran	40		36	ug/L	90				0	0	
2,4-Dinitrotoluene	40		42	ug/L	105	*			24	96	
Diethylphthalate	40		35	ug/L	88				0	0	
Fluorene	40		37	ug/L	93				0	0	
4-Chlorophenyl-phenylether	40		34	ug/L	85				0	0	
4-Nitroaniline	40		54	ug/L	135				0	0	
4,6-Dinitro-2-methylphenol	40		37	ug/L	93				0	0	
N-Nitrosodiphenylamine	40		35	ug/L	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		32	ug/L	80				0	0	
4-Bromophenyl-phenylether	40		33	ug/L	83				0	0	
Hexachlorobenzene	40		35	ug/L	88				0	0	
Atrazine	40		28	ug/L	70				0	0	
Pentachlorophenol	40		34	ug/L	85				9	103	
Phenanthrene	40		38	ug/L	95				0	0	
Pentachlorobenzene	40		32	ug/L	80				0	0	
Anthracene	40		37	ug/L	93				0	0	
1,2,3,4-Tetrachlorobenzene	40		29	ug/L	73				0	0	
Carbazole	40		45	ug/L	113				0	0	
Di-n-butylphthalate	40		37	ug/L	93				0	0	
Fluoranthene	40		32	ug/L	80				0	0	
Pyrene	40		33	ug/L	83				26	127	
Butylbenzylphthalate	40		32	ug/L	80				0	0	
3,3'-Dichlorobenzidine	40		23	ug/L	58				0	0	
Benzo(a)anthracene	40		37	ug/L	93				0	0	
Chrysene	40		38	ug/L	95				0	0	
Bis(2-ethylhexyl)phthalate	40		31	ug/L	78				0	0	
Di-n-octylphthalate	40		30	ug/L	75				0	0	
Benzo(b)fluoranthene	40		37	ug/L	93				0	0	
Benzo(k)fluoranthene	40		37	ug/L	93				0	0	
Benzo(a)pyrene	40		34	ug/L	85				0	0	
Indeno(1,2,3-cd)pyrene	40		39	ug/L	98				0	0	
Dibenzo(a,h)anthracene	40		38	ug/L	95				0	0	
Benzo(g,h,i)perylene	40		38	ug/L	95				0	0	
2,3,4,6-Tetrachlorophenol	40		36	ug/L	90				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3260-03MSD	Client Sample ID:	E08F4MSD					DataFile:	BP021052.D		
1,4-Dioxane	16.2		4.8	ug/L	30		10		15	120	50
Benzaldehyde	40.4		31	ug/L	77		8	*	0	0	0
Pyridine	40.4		8.8	ug/L	22		9	*	0	0	0
Phenol	40.4		8.7	ug/L	22		4		12	110	42
Bis(2-chloroethyl)ether	40.4		27	ug/L	67		4	*	0	0	0
2-Chlorophenol	40.4		26	ug/L	64		9		27	123	40
2-Methylphenol	40.4		22	ug/L	54		2	*	0	0	0
2,2-oxybis(1-Chloropropane)	40.4		25	ug/L	62		5	*	0	0	0
Acetophenone	40.4		29	ug/L	72		4	*	0	0	0
4-Methylphenol	40.4		19	ug/L	47		6	*	0	0	0
N-Nitroso-di-n-propylamine	40.4		27	ug/L	67		9		41	116	38
Hexachloroethane	40.4		22	ug/L	54		7	*	0	0	0
Nitrobenzene	40.4		29	ug/L	72		8	*	0	0	0
Isophorone	40.4		28	ug/L	69		8	*	0	0	0
2-Nitrophenol	40.4		31	ug/L	77		10	*	0	0	0
2,4-Dimethylphenol	40.4		24	ug/L	59		10	*	0	0	0
Bis(2-chloroethoxy)methane	40.4		27	ug/L	67		4	*	0	0	0
2,4-Dichlorophenol	40.4		30	ug/L	74		8	*	0	0	0
Naphthalene	40.4		28	ug/L	69		8	*	0	0	0
4-Chloroaniline	40.4		23	ug/L	57		5	*	0	0	0
Hexachlorobutadiene	40.4		25	ug/L	62		5	*	0	0	0
Caprolactam	40.4		7.2	ug/L	18		5	*	0	0	0
4-Chloro-3-methylphenol	40.4		32	ug/L	79		5		23	97	42
1-Methylnaphthalene	40.4		29	ug/L	72		8	*	0	0	0
2-Methylnaphthalene	40.4		29	ug/L	72		8	*	0	0	0
Hexachlorocyclopentadiene	40.4		12	ug/L	30		10	*	0	0	0
2,4,6-Trichlorophenol	40.4		32	ug/L	79		7	*	0	0	0
2,4,5-Trichlorophenol	40.4		34	ug/L	84		7	*	0	0	0
1,1'-Biphenyl	40.4		30	ug/L	74		8	*	0	0	0
2-Chloronaphthalene	40.4		30	ug/L	74		8	*	0	0	0
2-Nitroaniline	40.4		37	ug/L	92		8	*	0	0	0
Dimethylphthalate	40.4		33	ug/L	82		7	*	0	0	0
2,6-Dinitrotoluene	40.4		35	ug/L	87		9	*	0	0	0
Acenaphthylene	40.4		31	ug/L	77		8	*	0	0	0
3-Nitroaniline	40.4		39	ug/L	97		6	*	0	0	0
Acenaphthene	40.4		31	ug/L	77		8		46	118	31
2,4-Dinitrophenol	40.4		34	ug/L	84		7	*	0	0	0
4-Nitrophenol	40.4		16	ug/L	40		0		10	80	50
Dibenzofuran	40.4		33	ug/L	82		9	*	0	0	0
2,4-Dinitrotoluene	40.4		40	ug/L	99	*	6		24	96	38
Diethylphthalate	40.4		33	ug/L	82		7	*	0	0	0
Fluorene	40.4		35	ug/L	87		7	*	0	0	0
4-Chlorophenyl-phenylether	40.4		32	ug/L	79		7	*	0	0	0
4-Nitroaniline	40.4		51	ug/L	126		7	*	0	0	0
4,6-Dinitro-2-methylphenol	40.4		34	ug/L	84		10	*	0	0	0
N-Nitrosodiphenylamine	40.4		33	ug/L	82		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40.4		29	ug/L	72	11	*		0	0	0
4-Bromophenyl-phenylether	40.4		30	ug/L	74	11	*		0	0	0
Hexachlorobenzene	40.4		33	ug/L	82	7	*		0	0	0
Atrazine	40.4		26	ug/L	64	9	*		0	0	0
Pentachlorophenol	40.4		32	ug/L	79	7			9	103	50
Phenanthrene	40.4		36	ug/L	89	7	*		0	0	0
Pentachlorobenzene	40.4		29	ug/L	72	11	*		0	0	0
Anthracene	40.4		36	ug/L	89	4	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40.4		28	ug/L	69	6	*		0	0	0
Carbazole	40.4		42	ug/L	104	8	*		0	0	0
Di-n-butylphthalate	40.4		35	ug/L	87	7	*		0	0	0
Fluoranthene	40.4		30	ug/L	74	8	*		0	0	0
Pyrene	40.4		32	ug/L	79	5			26	127	31
Butylbenzylphthalate	40.4		30	ug/L	74	8	*		0	0	0
3,3'-Dichlorobenzidine	40.4		22	ug/L	54	7	*		0	0	0
Benzo(a)anthracene	40.4		35	ug/L	87	7	*		0	0	0
Chrysene	40.4		36	ug/L	89	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	40.4		28	ug/L	69	12	*		0	0	0
Di-n-octylphthalate	40.4		29	ug/L	72	4	*		0	0	0
Benzo(b)fluoranthene	40.4		36	ug/L	89	4	*		0	0	0
Benzo(k)fluoranthene	40.4		35	ug/L	87	7	*		0	0	0
Benzo(a)pyrene	40.4		32	ug/L	79	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	40.4		37	ug/L	92	6	*		0	0	0
Dibenzo(a,h)anthracene	40.4		37	ug/L	92	3	*		0	0	0
Benzo(g,h,i)perylene	40.4		36	ug/L	89	7	*		0	0	0
2,3,4,6-Tetrachlorophenol	40.4		34	ug/L	84	7	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-03DL	A4C00DL	BP021071.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.84	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.43	61		10	150
			2-Chlorophenol-d4	40	23.87	60		15	120
			4-Methylphenol-d8	40	3.70	9	*	10	140
			Nitrobenzene-d5	40	25.45	64		10	135
			2-Nitrophenol-d4	40	25.14	63		10	120
			2,4-Dichlorophenol-d3	40	21.25	53		10	140
			4-Chloroaniline-d4	40	6.67	17		1	145
			Dimethylphthalate-d6	40	28.88	72		10	145
			Acenaphthylene-d8	40	29.13	73		15	120
			4-Nitrophenol-d4	40	23.69	59		10	150
			Fluorene-d10	40	33.34	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.50	24		10	130
			Anthracene-d10	40	29.92	75		10	150
			Pyrene-d10	40	20.83	52		10	130
			Benzo(a)pyrene-d12	40	14.67	37		10	140
P3215-04DL	A4C02DL	BP021070.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.32	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.83	62		10	150
			2-Chlorophenol-d4	40	27.32	68		15	120
			4-Methylphenol-d8	40	21.72	54		10	140
			Nitrobenzene-d5	40	26.24	66		10	135
			2-Nitrophenol-d4	40	25.52	64		10	120
			2,4-Dichlorophenol-d3	40	27.65	69		10	140
			4-Chloroaniline-d4	40	8.21	21		1	145
			Dimethylphthalate-d6	40	29.80	74		10	145
			Acenaphthylene-d8	40	31.07	78		15	120
			4-Nitrophenol-d4	40	27.13	68		10	150
			Fluorene-d10	40	34.37	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.57	29		10	130
			Anthracene-d10	40	32.02	80		10	150
			Pyrene-d10	40	21.66	54		10	130
			Benzo(a)pyrene-d12	40	15.37	38		10	140
P3215-06DL	A4C09DL	BP021069.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	22.63	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.63	59		10	150
			2-Chlorophenol-d4	40	24.13	60		15	120
			4-Methylphenol-d8	40	13.31	33		10	140
			Nitrobenzene-d5	40	24.82	62		10	135
			2-Nitrophenol-d4	40	24.34	61		10	120
			2,4-Dichlorophenol-d3	40	23.12	58		10	140
			4-Chloroaniline-d4	40	6.68	17		1	145
			Dimethylphthalate-d6	40	25.82	65		10	145
			Acenaphthylene-d8	40	26.27	66		15	120
			4-Nitrophenol-d4	40	20.47	51		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-06DL	A4C09DL	BP021069.D	Fluorene-d10	40	28.89	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.74	24		10	130
			Anthracene-d10	40	26.82	67		10	150
			Pyrene-d10	40	18.63	47		10	130
			Benzo(a)pyrene-d12	40	13.30	33		10	140

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3201-01	A4BY7	BP021060.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	1.61	4	*	20	120
			Phenol-d5	40	20.76	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.87	50		10	150
			2-Chlorophenol-d4	40	21.04	53		15	120
			4-Methylphenol-d8	40	19.27	48		10	140
			Nitrobenzene-d5	40	21.18	53		10	135
			2-Nitrophenol-d4	40	21.55	54		10	120
			2,4-Dichlorophenol-d3	40	21.02	53		10	140
			4-Chloroaniline-d4	40	13.81	35		1	145
			Dimethylphthalate-d6	40	22.36	56		10	145
			Acenaphthylene-d8	40	22.41	56		15	120
			4-Nitrophenol-d4	40	20.69	52		10	150
			Fluorene-d10	40	24.05	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.84	45		10	130
			Anthracene-d10	40	24.17	60		10	150
			Pyrene-d10	40	15.65	39		10	130
			Benzo(a)pyrene-d12	40	11.01	28		10	140
P3201-02	A4BY8	BP021061.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.40	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.65	57		10	150
			2-Chlorophenol-d4	40	23.74	59		15	120
			4-Methylphenol-d8	40	21.36	53		10	140
			Nitrobenzene-d5	40	25.22	63		10	135
			2-Nitrophenol-d4	40	24.85	62		10	120
			2,4-Dichlorophenol-d3	40	23.32	58		10	140
			4-Chloroaniline-d4	40	15.92	40		1	145
			Dimethylphthalate-d6	40	24.16	60		10	145
			Acenaphthylene-d8	40	24.67	62		15	120
			4-Nitrophenol-d4	40	24.29	61		10	150
			Fluorene-d10	40	26.29	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.71	42		10	130
			Anthracene-d10	40	25.33	63		10	150
			Pyrene-d10	40	15.21	38		10	130
			Benzo(a)pyrene-d12	40	11.35	28		10	140
P3201-03	A4BY9	BP021062.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	1.38	3	*	20	120
			Phenol-d5	40	21.20	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.61	49		10	150
			2-Chlorophenol-d4	40	21.38	53		15	120
			4-Methylphenol-d8	40	20.61	52		10	140
			Nitrobenzene-d5	40	21.38	53		10	135
			2-Nitrophenol-d4	40	21.44	54		10	120
			2,4-Dichlorophenol-d3	40	21.39	53		10	140
			4-Chloroaniline-d4	40	12.71	32		1	145
			Dimethylphthalate-d6	40	21.84	55		10	145
			Acenaphthylene-d8	40	22.70	57		15	120
			4-Nitrophenol-d4	40	22.73	57		10	150

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3201-03	A4BY9	BP021062.D	Fluorene-d10	40	24.19	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.21	38		10	130
			Anthracene-d10	40	22.97	57		10	150
			Pyrene-d10	40	14.97	37		10	130
			Benzo(a)pyrene-d12	40	10.86	27		10	140
P3201-04	A4BZ2	BP021046.D	1,4-Dioxane-d8	8	4.36	55		15	120
			Pyridine-d5	40	21.15	53		20	120
			Phenol-d5	40	26.64	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.47	64		10	150
			2-Chlorophenol-d4	40	26.70	67		15	120
			4-Methylphenol-d8	40	26.97	67		10	140
			Nitrobenzene-d5	40	27.51	69		10	135
			2-Nitrophenol-d4	40	28.05	70		10	120
			2,4-Dichlorophenol-d3	40	26.83	67		10	140
			4-Chloroaniline-d4	40	25.45	64		1	145
			Dimethylphthalate-d6	40	28.39	71		10	145
			Acenaphthylene-d8	40	28.65	72		15	120
			4-Nitrophenol-d4	40	28.97	72		10	150
			Fluorene-d10	40	29.87	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.85	52		10	130
			Anthracene-d10	40	29.68	74		10	150
			Pyrene-d10	40	27.04	68		10	130
			Benzo(a)pyrene-d12	40	28.91	72		10	140
			1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	2.75	7	*	20	120
P3201-05	A4BZ3	BP021047.D	Phenol-d5	40	23.73	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.88	55		10	150
			2-Chlorophenol-d4	40	23.84	60		15	120
			4-Methylphenol-d8	40	21.38	53		10	140
			Nitrobenzene-d5	40	25.09	63		10	135
			2-Nitrophenol-d4	40	25.23	63		10	120
			2,4-Dichlorophenol-d3	40	23.20	58		10	140
			4-Chloroaniline-d4	40	14.10	35		1	145
			Dimethylphthalate-d6	40	24.38	61		10	145
			Acenaphthylene-d8	40	24.97	62		15	120
			4-Nitrophenol-d4	40	27.28	68		10	150
			Fluorene-d10	40	26.34	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.20	46		10	130
			Anthracene-d10	40	25.22	63		10	150
			Pyrene-d10	40	16.01	40		10	130
			Benzo(a)pyrene-d12	40	11.68	29		10	140
			1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	1.59	4	*	20	120
			Phenol-d5	40	18.96	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.25	46		10	150
P3201-06	A4BZ4	BP021048.D	2-Chlorophenol-d4	40	19.47	49		15	120
			4-Methylphenol-d8	40	17.83	45		10	140
			Nitrobenzene-d5	40	19.64	49		10	135
			2-Nitrophenol-d4	40	20.63	52		10	120

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3201-06	A4BZ4	BP021048.D	2,4-Dichlorophenol-d3	40	18.28	46		10	140
			4-Chloroaniline-d4	40	14.23	36		1	145
			Dimethylphthalate-d6	40	20.07	50		10	145
			Acenaphthylene-d8	40	20.20	51		15	120
			4-Nitrophenol-d4	40	19.68	49		10	150
			Fluorene-d10	40	21.71	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.38	33		10	130
			Anthracene-d10	40	21.55	54		10	150
			Pyrene-d10	40	13.63	34		10	130
			Benzo(a)pyrene-d12	40	9.63	24		10	140
P3201-13	A4CH7	BP021049.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.49	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.58	34		10	150
			2-Chlorophenol-d4	40	14.94	37		15	120
			4-Methylphenol-d8	40	12.92	32		10	140
			Nitrobenzene-d5	40	14.67	37		10	135
			2-Nitrophenol-d4	40	14.89	37		10	120
			2,4-Dichlorophenol-d3	40	13.83	35		10	140
			4-Chloroaniline-d4	40	10.84	27		1	145
			Dimethylphthalate-d6	40	15.67	39		10	145
			Acenaphthylene-d8	40	16.02	40		15	120
			4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	17.04	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.06	23		10	130
			Anthracene-d10	40	16.12	40		10	150
			Pyrene-d10	40	13.46	34		10	130
			Benzo(a)pyrene-d12	40	11.50	29		10	140
P3201-14	A4CH8	BP021068.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	1.27	3	*	20	120
			Phenol-d5	40	17.84	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.94	42		10	150
			2-Chlorophenol-d4	40	18.05	45		15	120
			4-Methylphenol-d8	40	15.23	38		10	140
			Nitrobenzene-d5	40	18.25	46		10	135
			2-Nitrophenol-d4	40	18.83	47		10	120
			2,4-Dichlorophenol-d3	40	17.55	44		10	140
			4-Chloroaniline-d4	40	13.37	33		1	145
			Dimethylphthalate-d6	40	19.28	48		10	145
			Acenaphthylene-d8	40	19.44	49		15	120
			4-Nitrophenol-d4	40	19.72	49		10	150
			Fluorene-d10	40	20.75	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.41	29		10	130
			Anthracene-d10	40	20.32	51		10	150
			Pyrene-d10	40	16.95	42		10	130
			Benzo(a)pyrene-d12	40	14.52	36		10	140
P3201-15	A4CH9	BP021063.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	1.53	4	*	20	120
			Phenol-d5	40	20.68	52		10	130

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3201-15	A4CH9	BP021063.D	Bis(2-Chloroethyl)ether-d8	40	19.77	49		10	150
			2-Chlorophenol-d4	40	20.66	52		15	120
			4-Methylphenol-d8	40	20.08	50		10	140
			Nitrobenzene-d5	40	21.42	54		10	135
			2-Nitrophenol-d4	40	22.24	56		10	120
			2,4-Dichlorophenol-d3	40	21.07	53		10	140
			4-Chloroaniline-d4	40	16.64	42		1	145
			Dimethylphthalate-d6	40	22.32	56		10	145
			Acenaphthylene-d8	40	22.77	57		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	24.26	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.39	41		10	130
			Anthracene-d10	40	23.72	59		10	150
			Pyrene-d10	40	19.87	50		10	130
			Benzo(a)pyrene-d12	40	16.85	42		10	140
P3201-16	A4CJ0	BP021064.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	20.76	52		20	120
			Phenol-d5	40	26.13	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.24	61		10	150
			2-Chlorophenol-d4	40	25.44	64		15	120
			4-Methylphenol-d8	40	25.65	64		10	140
			Nitrobenzene-d5	40	25.84	65		10	135
			2-Nitrophenol-d4	40	26.74	67		10	120
			2,4-Dichlorophenol-d3	40	25.65	64		10	140
			4-Chloroaniline-d4	40	23.80	60		1	145
			Dimethylphthalate-d6	40	26.26	66		10	145
			Acenaphthylene-d8	40	27.20	68		15	120
			4-Nitrophenol-d4	40	26.75	67		10	150
			Fluorene-d10	40	28.57	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.12	45		10	130
			Anthracene-d10	40	27.68	69		10	150
			Pyrene-d10	40	25.50	64		10	130
P3201-17	A4CJ3	BP021065.D	Benzo(a)pyrene-d12	40	28.76	72		10	140
			1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	1.80	5	*	20	120
			Phenol-d5	40	17.61	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.43	44		10	150
			2-Chlorophenol-d4	40	18.59	46		15	120
			4-Methylphenol-d8	40	13.98	35		10	140
			Nitrobenzene-d5	40	18.61	47		10	135
			2-Nitrophenol-d4	40	19.72	49		10	120
			2,4-Dichlorophenol-d3	40	19.04	48		10	140
			4-Chloroaniline-d4	40	9.22	23		1	145
			Dimethylphthalate-d6	40	19.89	50		10	145
			Acenaphthylene-d8	40	20.84	52		15	120
			4-Nitrophenol-d4	40	20.42	51		10	150
			Fluorene-d10	40	21.78	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.68	32		10	130
			Anthracene-d10	40	21.41	54		10	150

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3201-17	A4CJ3	BP021065.D	Pyrene-d10	40	16.91	42		10	130
			Benzo(a)pyrene-d12	40	14.52	36		10	140
P3201-18	A4CJ9	BP021066.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	21.93	55		20	120
			Phenol-d5	40	27.43	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.95	65		10	150
			2-Chlorophenol-d4	40	27.34	68		15	120
			4-Methylphenol-d8	40	27.10	68		10	140
			Nitrobenzene-d5	40	27.65	69		10	135
			2-Nitrophenol-d4	40	28.24	71		10	120
			2,4-Dichlorophenol-d3	40	26.86	67		10	140
			4-Chloroaniline-d4	40	25.05	63		1	145
			Dimethylphthalate-d6	40	27.20	68		10	145
			Acenaphthylene-d8	40	28.96	72		15	120
			4-Nitrophenol-d4	40	32.50	81		10	150
			Fluorene-d10	40	29.93	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.93	50		10	130
			Anthracene-d10	40	27.88	70		10	150
			Pyrene-d10	40	24.81	62		10	130
			Benzo(a)pyrene-d12	40	28.80	72		10	140
P3201-19	A4CK1	BP021067.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	1.35	3	*	20	120
			Phenol-d5	40	22.81	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.53	51		10	150
			2-Chlorophenol-d4	40	22.80	57		15	120
			4-Methylphenol-d8	40	22.01	55		10	140
			Nitrobenzene-d5	40	22.73	57		10	135
			2-Nitrophenol-d4	40	23.03	58		10	120
			2,4-Dichlorophenol-d3	40	22.13	55		10	140
			4-Chloroaniline-d4	40	4.00	10		1	145
			Dimethylphthalate-d6	40	22.12	55		10	145
			Acenaphthylene-d8	40	23.91	60		15	120
			4-Nitrophenol-d4	40	24.98	62		10	150
			Fluorene-d10	40	24.83	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.14	35		10	130
			Anthracene-d10	40	23.74	59		10	150
			Pyrene-d10	40	18.93	47		10	130
			Benzo(a)pyrene-d12	40	15.77	39		10	140
PB162066BL	PB162066BL	BP021059.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	25.76	64		20	120
			Phenol-d5	40	26.56	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.03	65		10	150
			2-Chlorophenol-d4	40	26.73	67		15	120
			4-Methylphenol-d8	40	25.31	63		10	140
			Nitrobenzene-d5	40	27.93	70		10	135
			2-Nitrophenol-d4	40	29.10	73		10	120
			2,4-Dichlorophenol-d3	40	25.73	64		10	140
			4-Chloroaniline-d4	40	25.40	64		1	145
			Dimethylphthalate-d6	40	28.22	71		10	145

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162066BL	PB162066BL	BP021059.D	Acenaphthylene-d8	40	28.46	71		15	120
			4-Nitrophenol-d4	40	28.32	71		10	150
			Fluorene-d10	40	29.55	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.36	56		10	130
			Anthracene-d10	40	29.74	74		10	150
			Pyrene-d10	40	27.39	68		10	130
			Benzo(a)pyrene-d12	40	29.27	73		10	140
PB162066BS	PB162066BS	BP021057.D	Pyridine-d5	40	25.84	65		20	120
			1,4-Dioxane-d8	8	6.75	84		15	120
			Phenol-d5	40	28.84	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.46	66		10	150
			2-Chlorophenol-d4	40	27.77	69		15	120
			4-Methylphenol-d8	40	27.31	68		10	140
			Nitrobenzene-d5	40	30.38	76		10	135
			2-Nitrophenol-d4	40	29.95	75		10	120
			2,4-Dichlorophenol-d3	40	29.75	74		10	140
			4-Chloroaniline-d4	40	25.71	64		1	145
			Dimethylphthalate-d6	40	29.37	73		10	145
			Acenaphthylene-d8	40	30.02	75		15	120
			4-Nitrophenol-d4	40	31.17	78		10	150
			Fluorene-d10	40	31.27	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.87	75		10	130
			Anthracene-d10	40	29.90	75		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	30.19	75		10	140

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-04	A4BE7	BP021074.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	1.54	4	*	20	120
			Phenol-d5	40	18.20	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.79	42		10	150
			2-Chlorophenol-d4	40	18.16	45		15	120
			4-Methylphenol-d8	40	17.39	43		10	140
			Nitrobenzene-d5	40	17.19	43		10	135
			2-Nitrophenol-d4	40	17.79	44		10	120
			2,4-Dichlorophenol-d3	40	17.48	44		10	140
			4-Chloroaniline-d4	40	12.51	31		1	145
			Dimethylphthalate-d6	40	18.52	46		10	145
			Acenaphthylene-d8	40	18.81	47		15	120
			4-Nitrophenol-d4	40	17.89	45		10	150
			Fluorene-d10	40	20.53	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.77	24		10	130
			Anthracene-d10	40	20.04	50		10	150
			Pyrene-d10	40	16.70	42		10	130
			Benzo(a)pyrene-d12	40	14.12	35		10	140
P3238-06	A4BE9	BP021075.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	3.29	8	*	20	120
			Phenol-d5	40	19.15	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.42	46		10	150
			2-Chlorophenol-d4	40	19.38	48		15	120
			4-Methylphenol-d8	40	18.11	45		10	140
			Nitrobenzene-d5	40	19.14	48		10	135
			2-Nitrophenol-d4	40	19.45	49		10	120
			2,4-Dichlorophenol-d3	40	19.18	48		10	140
			4-Chloroaniline-d4	40	14.50	36		1	145
			Dimethylphthalate-d6	40	19.52	49		10	145
			Acenaphthylene-d8	40	20.45	51		15	120
			4-Nitrophenol-d4	40	19.82	50		10	150
			Fluorene-d10	40	22.01	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.96	27		10	130
			Anthracene-d10	40	21.49	54		10	150
			Pyrene-d10	40	17.61	44		10	130
			Benzo(a)pyrene-d12	40	15.69	39		10	140
P3238-07	A4BF0	BP021076.D	1,4-Dioxane-d8	8	4.52	57		15	120
			Pyridine-d5	40	22.16	55		20	120
			Phenol-d5	40	25.73	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.61	59		10	150
			2-Chlorophenol-d4	40	25.12	63		15	120
			4-Methylphenol-d8	40	25.21	63		10	140
			Nitrobenzene-d5	40	25.56	64		10	135
			2-Nitrophenol-d4	40	25.77	64		10	120
			2,4-Dichlorophenol-d3	40	25.43	64		10	140
			4-Chloroaniline-d4	40	25.07	63		1	145
			Dimethylphthalate-d6	40	25.40	63		10	145
			Acenaphthylene-d8	40	27.04	68		15	120
			4-Nitrophenol-d4	40	27.82	70		10	150

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-07	A4BF0	BP021076.D	Fluorene-d10	40	28.54	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.38	33		10	130
			Anthracene-d10	40	27.74	69		10	150
			Pyrene-d10	40	24.77	62		10	130
			Benzo(a)pyrene-d12	40	28.99	72		10	140
P3238-08	A4BF3	BP021077.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	1.84	5	*	20	120
			Phenol-d5	40	18.04	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.49	41		10	150
			2-Chlorophenol-d4	40	17.77	44		15	120
			4-Methylphenol-d8	40	16.93	42		10	140
			Nitrobenzene-d5	40	18.37	46		10	135
			2-Nitrophenol-d4	40	18.70	47		10	120
			2,4-Dichlorophenol-d3	40	18.00	45		10	140
			4-Chloroaniline-d4	40	11.89	30		1	145
			Dimethylphthalate-d6	40	19.27	48		10	145
			Acenaphthylene-d8	40	20.25	51		15	120
			4-Nitrophenol-d4	40	15.87	40		10	150
			Fluorene-d10	40	20.78	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.89	25		10	130
			Anthracene-d10	40	20.80	52		10	150
			Pyrene-d10	40	16.62	42		10	130
			Benzo(a)pyrene-d12	40	14.59	36		10	140
P3238-09	A4BF4	BP021078.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.31	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.95	35		10	150
			2-Chlorophenol-d4	40	14.06	35		15	120
			4-Methylphenol-d8	40	10.73	27		10	140
			Nitrobenzene-d5	40	15.03	38		10	135
			2-Nitrophenol-d4	40	14.24	36		10	120
			2,4-Dichlorophenol-d3	40	13.66	34		10	140
			4-Chloroaniline-d4	40	8.05	20		1	145
			Dimethylphthalate-d6	40	14.03	35		10	145
			Acenaphthylene-d8	40	14.93	37		15	120
			4-Nitrophenol-d4	40	8.71	22		10	150
			Fluorene-d10	40	15.65	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.98	15		10	130
			Anthracene-d10	40	15.26	38		10	150
			Pyrene-d10	40	12.55	31		10	130
			Benzo(a)pyrene-d12	40	10.37	26		10	140
P3238-10	A4BF6	BP021079.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	1.50	4	*	20	120
			Phenol-d5	40	18.46	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.42	44		10	150
			2-Chlorophenol-d4	40	18.41	46		15	120
			4-Methylphenol-d8	40	16.98	42		10	140
			Nitrobenzene-d5	40	18.38	46		10	135
			2-Nitrophenol-d4	40	18.89	47		10	120

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-10	A4BF6	BP021079.D	2,4-Dichlorophenol-d3	40	17.86	45		10	140
			4-Chloroaniline-d4	40	13.50	34		1	145
			Dimethylphthalate-d6	40	19.22	48		10	145
			Acenaphthylene-d8	40	19.77	49		15	120
			4-Nitrophenol-d4	40	17.78	44		10	150
			Fluorene-d10	40	20.95	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.26	23		10	130
			Anthracene-d10	40	21.02	53		10	150
			Pyrene-d10	40	17.51	44		10	130
			Benzo(a)pyrene-d12	40	15.12	38		10	140
P3238-12	A4BF8	BP021080.D	1,4-Dioxane-d8	8	2.56	32		15	120
			Pyridine-d5	40	1.33	3	*	20	120
			Phenol-d5	40	13.93	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.56	31		10	150
			2-Chlorophenol-d4	40	13.95	35		15	120
			4-Methylphenol-d8	40	11.46	29		10	140
			Nitrobenzene-d5	40	13.37	33		10	135
			2-Nitrophenol-d4	40	13.27	33		10	120
			2,4-Dichlorophenol-d3	40	13.66	34		10	140
			4-Chloroaniline-d4	40	11.45	29		1	145
			Dimethylphthalate-d6	40	14.74	37		10	145
			Acenaphthylene-d8	40	15.29	38		15	120
			4-Nitrophenol-d4	40	14.48	36		10	150
			Fluorene-d10	40	16.36	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.13	15		10	130
			Anthracene-d10	40	15.41	39		10	150
			Pyrene-d10	40	12.90	32		10	130
			Benzo(a)pyrene-d12	40	11.50	29		10	140
P3238-13	A4BF9	BP021081.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.32	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.56	39		10	150
			2-Chlorophenol-d4	40	16.65	42		15	120
			4-Methylphenol-d8	40	14.47	36		10	140
			Nitrobenzene-d5	40	16.87	42		10	135
			2-Nitrophenol-d4	40	16.65	42		10	120
			2,4-Dichlorophenol-d3	40	15.69	39		10	140
			4-Chloroaniline-d4	40	11.42	29		1	145
			Dimethylphthalate-d6	40	17.93	45		10	145
			Acenaphthylene-d8	40	18.43	46		15	120
			4-Nitrophenol-d4	40	15.70	39		10	150
			Fluorene-d10	40	19.90	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.58	19		10	130
			Anthracene-d10	40	20.11	50		10	150
			Pyrene-d10	40	17.07	43		10	130
			Benzo(a)pyrene-d12	40	15.44	39		10	140
PB162089BL	PB162089BL	BP021073.D	1,4-Dioxane-d8	8	6.56	82		15	120
			Pyridine-d5	40	29.03	73		20	120
			Phenol-d5	40	30.15	75		10	130



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162089BL	PB162089BL	BP021073.D	Bis(2-Chloroethyl)ether-d8	40	28.18	70		10	150
			2-Chlorophenol-d4	40	29.61	74		15	120
			4-Methylphenol-d8	40	28.82	72		10	140
			Nitrobenzene-d5	40	30.19	75		10	135
			2-Nitrophenol-d4	40	30.80	77		10	120
			2,4-Dichlorophenol-d3	40	27.93	70		10	140
			4-Chloroaniline-d4	40	30.29	76		1	145
			Dimethylphthalate-d6	40	29.94	75		10	145
			Acenaphthylene-d8	40	31.18	78		15	120
			4-Nitrophenol-d4	40	32.37	81		10	150
			Fluorene-d10	40	32.50	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.90	52		10	130
			Anthracene-d10	40	32.41	81		10	150
			Pyrene-d10	40	27.83	70		10	130
			Benzo(a)pyrene-d12	40	32.29	81		10	140

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3260-01	E08F4	BP021050.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	5.33	13	*	20	120
			Phenol-d5	40	7.66	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.79	72		25	120
			2-Chlorophenol-d4	40	26.82	67		20	130
			4-Methylphenol-d8	40	17.16	43		25	125
			Nitrobenzene-d5	40	32.26	81		20	125
			2-Nitrophenol-d4	40	32.15	80		20	130
			2,4-Dichlorophenol-d3	40	29.81	75		20	120
			4-Chloroaniline-d4	40	21.18	53		1	146
			Dimethylphthalate-d6	40	32.12	80		25	130
			Acenaphthylene-d8	40	33.22	83		10	130
			4-Nitrophenol-d4	40	8.46	21		10	150
			Fluorene-d10	40	34.86	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.83	70		10	130
			Anthracene-d10	40	37.14	93		25	130
			Pyrene-d10	40	32.07	80		15	130
			Benzo(a)pyrene-d12	40	37.98	95		20	130
P3260-02MS	E08F4MS	BP021051.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Pyridine-d5	40	7.94	20		20	120
			Phenol-d5	40	8.36	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.90	70		25	120
			2-Chlorophenol-d4	40	27.17	68		20	130
			4-Methylphenol-d8	40	18.42	46		25	125
			Nitrobenzene-d5	40	31.59	79		20	125
			2-Nitrophenol-d4	40	32.23	81		20	130
			2,4-Dichlorophenol-d3	40	31.41	79		20	120
			4-Chloroaniline-d4	40	25.88	65		1	146
			Dimethylphthalate-d6	40	34.51	86		25	130
			Acenaphthylene-d8	40	33.23	83		10	130
			4-Nitrophenol-d4	40	21.56	54		10	150
			Fluorene-d10	40	36.16	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.25	88		10	130
			Anthracene-d10	40	38.38	96		25	130
			Pyrene-d10	40	32.96	82		15	130
			Benzo(a)pyrene-d12	40	38.29	96		20	130
P3260-03MSD	E08F4MSD	BP021052.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	7.27	18	*	20	120
			Phenol-d5	40	7.93	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.44	66		25	120
			2-Chlorophenol-d4	40	25.99	65		20	130
			4-Methylphenol-d8	40	17.23	43		25	125
			Nitrobenzene-d5	40	29.41	74		20	125
			2-Nitrophenol-d4	40	29.63	74		20	130
			2,4-Dichlorophenol-d3	40	29.22	73		20	120
			4-Chloroaniline-d4	40	24.10	60		1	146
			Dimethylphthalate-d6	40	31.77	79		25	130
			Acenaphthylene-d8	40	30.80	77		10	130
			4-Nitrophenol-d4	40	19.77	49		10	150

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3260-03MSD	E08F4MSD	BP021052.D	Fluorene-d10	40	32.85	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.10	80		10	130
			Anthracene-d10	40	35.23	88		25	130
			Pyrene-d10	40	30.96	77		15	130
			Benzo(a)pyrene-d12	40	36.26	91		20	130
P3260-07	E08F9	BP021053.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	7.23	18	*	20	120
			Phenol-d5	40	8.74	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.47	66		25	120
			2-Chlorophenol-d4	40	25.88	65		20	130
			4-Methylphenol-d8	40	17.90	45		25	125
			Nitrobenzene-d5	40	28.38	71		20	125
			2-Nitrophenol-d4	40	28.55	71		20	130
			2,4-Dichlorophenol-d3	40	26.52	66		20	120
			4-Chloroaniline-d4	40	23.86	60		1	146
			Dimethylphthalate-d6	40	29.32	73		25	130
			Acenaphthylene-d8	40	29.22	73		10	130
			4-Nitrophenol-d4	40	9.41	24		10	150
			Fluorene-d10	40	31.73	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.62	59		10	130
			Anthracene-d10	40	35.27	88		25	130
			Pyrene-d10	40	31.54	79		15	130
			Benzo(a)pyrene-d12	40	35.49	89		20	130
P3260-09	E08G0	BP021054.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Pyridine-d5	40	7.68	19	*	20	120
			Phenol-d5	40	13.30	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.32	86		25	120
			2-Chlorophenol-d4	40	33.13	83		20	130
			4-Methylphenol-d8	40	25.27	63		25	125
			Nitrobenzene-d5	40	37.42	94		20	125
			2-Nitrophenol-d4	40	38.11	95		20	130
			2,4-Dichlorophenol-d3	40	34.87	87		20	120
			4-Chloroaniline-d4	40	27.03	68		1	146
			Dimethylphthalate-d6	40	36.28	91		25	130
			Acenaphthylene-d8	40	38.13	95		10	130
			4-Nitrophenol-d4	40	10.37	26		10	150
			Fluorene-d10	40	40.10	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.92	77		10	130
			Anthracene-d10	40	41.34	103		25	130
			Pyrene-d10	40	36.79	92		15	130
			Benzo(a)pyrene-d12	40	41.78	104		20	130
P3260-12	E08H0	BP021055.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	12.19	30		20	120
			Phenol-d5	40	14.08	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.28	76		25	120
			2-Chlorophenol-d4	40	30.32	76		20	130
			4-Methylphenol-d8	40	24.13	60		25	125
			Nitrobenzene-d5	40	32.72	82		20	125
			2-Nitrophenol-d4	40	32.48	81		20	130

Surrogate Summary

SW-846

SDG No.: BP071824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3260-12	E08H0	BP021055.D	2,4-Dichlorophenol-d3	40	30.97	77		20	120
			4-Chloroaniline-d4	40	27.45	69		1	146
			Dimethylphthalate-d6	40	32.88	82		25	130
			Acenaphthylene-d8	40	33.98	85		10	130
			4-Nitrophenol-d4	40	14.74	37		10	150
			Fluorene-d10	40	34.66	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.24	63		10	130
			Anthracene-d10	40	35.42	89		25	130
			Pyrene-d10	40	32.37	81		15	130
			Benzo(a)pyrene-d12	40	36.54	91		20	130
PB162120BL	PB162120BL	BP021045.D	Pyridine-d5	40	27.61	69		20	120
			1,4-Dioxane-d8	8	5.82	73		15	120
			Phenol-d5	40	27.49	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.19	68		25	120
			2-Chlorophenol-d4	40	27.70	69		20	130
			4-Methylphenol-d8	40	27.01	68		25	125
			Nitrobenzene-d5	40	29.08	73		20	125
			2-Nitrophenol-d4	40	29.70	74		20	130
			2,4-Dichlorophenol-d3	40	27.55	69		20	120
			4-Chloroaniline-d4	40	29.66	74		1	146
			Dimethylphthalate-d6	40	30.83	77		25	130
			Acenaphthylene-d8	40	29.54	74		10	130
			4-Nitrophenol-d4	40	29.90	75		10	150
			Fluorene-d10	40	30.96	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.79	62		10	130
			Anthracene-d10	40	30.88	77		25	130
			Pyrene-d10	40	28.28	71		15	130
			Benzo(a)pyrene-d12	40	30.92	77		20	130
PB162120BS	PB162120BS	BP021056.D	1,4-Dioxane-d8	8	6.93	87		15	120
			Pyridine-d5	40	29.56	74		20	120
			Phenol-d5	40	31.06	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.76	72		25	120
			2-Chlorophenol-d4	40	30.06	75		20	130
			4-Methylphenol-d8	40	29.56	74		25	125
			Nitrobenzene-d5	40	32.14	80		20	125
			2-Nitrophenol-d4	40	33.12	83		20	130
			2,4-Dichlorophenol-d3	40	31.67	79		20	120
			4-Chloroaniline-d4	40	29.44	74		1	146
			Dimethylphthalate-d6	40	32.16	80		25	130
			Acenaphthylene-d8	40	32.15	80		10	130
			4-Nitrophenol-d4	40	35.79	89		10	150
			Fluorene-d10	40	33.52	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.79	79		10	130
			Anthracene-d10	40	32.42	81		25	130
			Pyrene-d10	40	28.17	70		15	130
			Benzo(a)pyrene-d12	40	33.24	83		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071824

Lab Code: CHEM

SAS No.: BP071824

SDG NO.: BP071824

Lab File ID: BP021043.D

DFTPP Injection Date: 07/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.5 (19.4) 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
SSTD020695	SSTDCCC020	BP021044.D	07/18/2024	13:20
SBLK120	PB162120BL	BP021045.D	07/18/2024	14:02
A4BZ2	P3201-04	BP021046.D	07/18/2024	14:44
A4BZ3	P3201-05	BP021047.D	07/18/2024	15:27
A4BZ4	P3201-06	BP021048.D	07/18/2024	16:09
A4CH7	P3201-13	BP021049.D	07/18/2024	16:53
E08F4	P3260-01	BP021050.D	07/18/2024	17:36
E08F4MS	P3260-02MS	BP021051.D	07/18/2024	18:20
E08F4MSD	P3260-03MSD	BP021052.D	07/18/2024	19:03
E08F9	P3260-07	BP021053.D	07/18/2024	19:47
E08G0	P3260-09	BP021054.D	07/18/2024	20:30
E08H0	P3260-12	BP021055.D	07/18/2024	21:13
SLCS120	PB162120BS	BP021056.D	07/18/2024	21:56
SLCS066	PB162066BS	BP021057.D	07/18/2024	22:39
SSTD020696	SSTDCCC020	BP021058.D	07/19/2024	00:05
SBLK066	PB162066BL	BP021059.D	07/19/2024	00:47
A4BY7	P3201-01	BP021060.D	07/19/2024	01:30
A4BY8	P3201-02	BP021061.D	07/19/2024	02:12

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071824

Lab Code: CHEM

SAS No.: BP071824 SDG NO.: BP071824

Lab File ID: BP021043.D

DFTPP Injection Date: 07/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.5 (19.4) 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
A4BY9	P3201-03	BP021062.D	07/19/2024	02:55
A4CH9	P3201-15	BP021063.D	07/19/2024	03:37
A4CJ0	P3201-16	BP021064.D	07/19/2024	04:20
A4CJ3	P3201-17	BP021065.D	07/19/2024	05:02
A4CJ9	P3201-18	BP021066.D	07/19/2024	05:45
A4CK1	P3201-19	BP021067.D	07/19/2024	06:27
A4CH8	P3201-14	BP021068.D	07/19/2024	07:10
A4C09DL	P3215-06DL	BP021069.D	07/19/2024	07:52
A4C02DL	P3215-04DL	BP021070.D	07/19/2024	08:35
A4C00DL	P3215-03DL	BP021071.D	07/19/2024	09:17
SSTD020697	SSTDCCC020EC	BP021072.D	07/19/2024	10:42
SBLK089	PB162089BL	BP021073.D	07/19/2024	11:24
A4BE7	P3238-04	BP021074.D	07/19/2024	12:07
A4BE9	P3238-06	BP021075.D	07/19/2024	12:50
A4BF0	P3238-07	BP021076.D	07/19/2024	13:32
A4BF3	P3238-08	BP021077.D	07/19/2024	14:16
A4BF4	P3238-09	BP021078.D	07/19/2024	14:59
A4BF6	P3238-10	BP021079.D	07/19/2024	15:41

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071824

Lab Code: CHEM

SAS No.: BP071824

SDG NO.: BP071824

Lab File ID: BP021043.D

DFTPP Injection Date: 07/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.5 (19.4) 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
A4BF8	P3238-12	BP021080.D	07/19/2024	16:23
A4BF9	P3238-13	BP021081.D	07/19/2024	17:07