

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 10:57

Lab File ID: BP022674.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020682 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.531	0.010	-3.9802	40.0
Benzaldehyde	0.910	1.024	0.010	12.5092	40.0
Pyridine	1.449	1.545	0.010	6.6572	40.0
Phenol	1.752	1.785	0.080	1.8914	20.0
Bis(2-Chloroethyl)ether	1.311	1.353	0.100	3.2165	20.0
2-Chlorophenol	1.235	1.298	0.200	5.0671	20.0
2-Methylphenol	1.271	1.301	0.010	2.3635	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.550	0.010	1.7695	40.0
Acetophenone	2.218	2.317	0.060	4.4699	20.0
4-Methylphenol	1.410	1.449	0.010	2.7721	20.0
N-Nitroso-di-n-propylamine	1.124	1.224	0.050	8.9201	30.0
Hexachloroethane	0.575	0.622	0.100	8.1048	20.0
Nitrobenzene	0.459	0.464	0.050	1.1387	25.0
Isophorone	0.823	0.861	0.050	4.6641	25.0
2-Nitrophenol	0.192	0.209	0.050	8.7479	25.0
2,4-Dimethylphenol	0.417	0.457	0.050	9.6942	25.0
Bis(2-Chloroethoxy)methane	0.467	0.496	0.050	6.08	20.0
2,4-Dichlorophenol	0.373	0.404	0.060	8.453	20.0
Naphthalene	1.065	1.131	0.200	6.1589	20.0
4-Chloroaniline	0.441	0.459	0.010	4.009	40.0
Hexachlorobutadiene	0.314	0.338	0.040	7.4824	30.0
Caprolactam	0.120	0.120	0.010	-0.4697	40.0
4-Chloro-3-methylphenol	0.407	0.447	0.040	9.9907	25.0
1-Methylnaphthalene	0.798	0.861	0.100	7.8808	20.0
2-Methylnaphthalene	0.782	0.846	0.100	8.2316	20.0
Hexachlorocyclopentadiene	0.451	0.369	0.010	-18.1396	40.0
2,4,6-Trichlorophenol	0.465	0.492	0.090	5.7778	25.0
2,4,5-Trichlorophenol	0.495	0.534	0.100	7.7519	25.0
1,1-Biphenyl	1.442	1.521	0.200	5.5303	20.0
2-Chloronaphthalene	1.180	1.223	0.300	3.6108	20.0
2-Nitroaniline	0.352	0.365	0.050	3.7129	40.0
Dimethylphthalate	1.583	1.669	0.300	5.4331	20.0
2,6-Dinitrotoluene	0.299	0.333	0.080	11.1449	30.0
Acenaphthylene	1.752	1.821	0.400	3.9882	20.0
3-Nitroaniline	0.281	0.283	0.010	0.6994	40.0
Acenaphthene	1.239	1.329	0.200	7.3035	20.0
2,4-Dinitrophenol	0.220	0.216	0.010	-2.1366	40.0
4-Nitrophenol	0.296	0.307	0.010	3.6529	40.0
Dibenzofuran	1.861	1.985	0.300	6.6771	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 10:57

Lab File ID: BP022674.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020682 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.519	0.070	11.5897	30.0
Diethylphthalate	1.519	1.678	0.300	10.4386	20.0
Fluorene	1.516	1.659	0.200	9.435	20.0
4-Chlorophenyl-phenylether	0.867	0.966	0.100	11.4543	20.0
4-Nitroaniline	0.283	0.290	0.010	2.4788	40.0
4,6-Dinitro-2-methylphenol	0.142	0.142	0.010	0.0287	40.0
N-Nitrosodiphenylamine	0.536	0.554	0.050	3.5195	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.764	0.100	3.283	20.0
4-Bromophenyl-phenylether	0.241	0.256	0.070	6.079	20.0
Hexachlorobenzene	0.297	0.313	0.050	5.5665	25.0
Atrazine	0.223	0.240	0.010	7.7201	25.0
Pentachlorophenol	0.191	0.188	0.010	-1.5541	40.0
Phenanthrene	1.070	1.078	0.200	0.7778	20.0
Pentachlorobenzene	0.337	0.340	0.050	1.0913	20.0
Anthracene	1.068	1.109	0.200	3.8423	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.297	0.050	-2.4742	20.0
Carbazole	0.945	0.979	0.050	3.5871	40.0
Di-n-butylphthalate	1.045	1.094	0.500	4.6789	25.0
Fluoranthene	1.216	1.261	0.400	3.7382	25.0
Pyrene	1.303	1.338	0.400	2.6748	25.0
Butylbenzylphthalate	0.454	0.464	0.100	2.1965	40.0
3,3-Dichlorobenzidine	0.477	0.504	0.010	5.7799	40.0
Benzo (a) anthracene	1.402	1.459	0.300	4.0731	30.0
Chrysene	1.300	1.320	0.200	1.5166	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.656	0.200	0.7514	40.0
Di-n-octyl phthalate	0.951	1.002	0.010	5.2833	40.0
Benzo (b) fluoranthene	1.259	1.340	0.200	6.4424	25.0
Benzo (k) fluoranthene	1.233	1.319	0.200	7.0082	25.0
Benzo (a) pyrene	1.159	1.202	0.200	3.7624	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.573	0.200	1.7057	25.0
Dibenzo (a,h) anthracene	1.252	1.259	0.200	0.5225	30.0
Benzo (g,h,i) perylene	1.203	1.215	0.200	1.0597	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.517	0.040	11.9334	20.0
1,4-Dioxane-d8	0.515	0.524	0.010	1.896	25.0
Pyridine-d5	1.413	1.492	0.010	5.593	40.0
Phenol-d5	1.684	1.728	0.010	2.6182	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	1.032	0.050	4.3164	25.0
2-Chlorophenol-d4	1.195	1.277	0.200	6.9133	20.0
4-Methylphenol-d8	1.344	1.359	0.010	1.1838	20.0

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Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 10:57

Lab File ID: BP022674.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020682 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.165	0.050	7.038	20.0
2-Nitrophenol-d4	0.178	0.193	0.050	8.4877	30.0
2,4-Dichlorophenol-d3	0.378	0.408	0.060	7.8709	20.0
4-Chloroaniline-d4	0.447	0.460	0.010	2.9885	40.0
Dimethylphthalate-d6	1.589	1.693	0.300	6.5678	20.0
Acenaphthylene-d8	1.688	1.780	0.400	5.483	20.0
4-Nitrophenol-d4	0.267	0.263	0.010	-1.2301	40.0
Fluorene-d10	1.378	1.496	0.100	8.5123	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.132	0.010	0.1118	40.0
Anthracene-d10	0.941	0.959	0.300	1.956	20.0
Pyrene-d10	1.058	1.080	0.300	2.1058	25.0
Benzo(a)pyrene-d12	1.068	1.107	0.010	3.6002	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.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 16:18

Lab File ID: BP022682.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020683 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.559	0.010	0.9654	40.0
Benzaldehyde	0.910	1.029	0.010	13.1506	40.0
Pyridine	1.449	1.496	0.010	3.2654	40.0
Phenol	1.752	1.775	0.080	1.3187	20.0
Bis(2-Chloroethyl)ether	1.311	1.321	0.100	0.805	20.0
2-Chlorophenol	1.235	1.316	0.200	6.5388	20.0
2-Methylphenol	1.271	1.323	0.010	4.101	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.538	0.010	0.9549	40.0
Acetophenone	2.218	2.340	0.060	5.5157	20.0
4-Methylphenol	1.410	1.466	0.010	3.9474	20.0
N-Nitroso-di-n-propylamine	1.124	1.199	0.050	6.6773	30.0
Hexachloroethane	0.575	0.612	0.100	6.3682	20.0
Nitrobenzene	0.459	0.469	0.050	2.1092	25.0
Isophorone	0.823	0.855	0.050	3.8879	25.0
2-Nitrophenol	0.192	0.207	0.050	8.1066	25.0
2,4-Dimethylphenol	0.417	0.450	0.050	7.8435	25.0
Bis(2-Chloroethoxy)methane	0.467	0.468	0.050	0.0567	20.0
2,4-Dichlorophenol	0.373	0.402	0.060	7.9613	20.0
Naphthalene	1.065	1.123	0.200	5.4346	20.0
4-Chloroaniline	0.441	0.455	0.010	3.1928	40.0
Hexachlorobutadiene	0.314	0.347	0.040	10.3363	30.0
Caprolactam	0.120	0.121	0.010	0.7569	40.0
4-Chloro-3-methylphenol	0.407	0.444	0.040	9.3053	25.0
1-Methylnaphthalene	0.798	0.842	0.100	5.4924	20.0
2-Methylnaphthalene	0.782	0.842	0.100	7.7185	20.0
Hexachlorocyclopentadiene	0.451	0.342	0.010	-24.1431	40.0
2,4,6-Trichlorophenol	0.465	0.485	0.090	4.3391	25.0
2,4,5-Trichlorophenol	0.495	0.523	0.100	5.5063	25.0
1,1-Biphenyl	1.442	1.468	0.200	1.8035	20.0
2-Chloronaphthalene	1.180	1.210	0.300	2.4921	20.0
2-Nitroaniline	0.352	0.357	0.050	1.1726	40.0
Dimethylphthalate	1.583	1.610	0.300	1.6786	20.0
2,6-Dinitrotoluene	0.299	0.317	0.080	5.9935	30.0
Acenaphthylene	1.752	1.814	0.400	3.5603	20.0
3-Nitroaniline	0.281	0.278	0.010	-1.3468	40.0
Acenaphthene	1.239	1.283	0.200	3.5972	20.0
2,4-Dinitrophenol	0.220	0.210	0.010	-4.7308	40.0
4-Nitrophenol	0.296	0.302	0.010	2.2188	40.0
Dibenzofuran	1.861	1.951	0.300	4.8542	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 16:18

Lab File ID: BP022682.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020683 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.521	0.070	11.9224	30.0
Diethylphthalate	1.519	1.616	0.300	6.3807	20.0
Fluorene	1.516	1.575	0.200	3.8717	20.0
4-Chlorophenyl-phenylether	0.867	0.901	0.100	3.9349	20.0
4-Nitroaniline	0.283	0.293	0.010	3.6895	40.0
4,6-Dinitro-2-methylphenol	0.142	0.140	0.010	-1.0976	40.0
N-Nitrosodiphenylamine	0.536	0.548	0.050	2.3715	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.765	0.100	3.3831	20.0
4-Bromophenyl-phenylether	0.241	0.254	0.070	5.1974	20.0
Hexachlorobenzene	0.297	0.308	0.050	3.767	25.0
Atrazine	0.223	0.232	0.010	4.4093	25.0
Pentachlorophenol	0.191	0.189	0.010	-0.8423	40.0
Phenanthrene	1.070	1.097	0.200	2.5363	20.0
Pentachlorobenzene	0.337	0.347	0.050	2.9832	20.0
Anthracene	1.068	1.112	0.200	4.184	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.315	0.050	3.3648	20.0
Carbazole	0.945	0.957	0.050	1.3089	40.0
Di-n-butylphthalate	1.045	1.093	0.500	4.5786	25.0
Fluoranthene	1.216	1.273	0.400	4.7056	25.0
Pyrene	1.303	1.364	0.400	4.6881	25.0
Butylbenzylphthalate	0.454	0.465	0.100	2.5929	40.0
3,3-Dichlorobenzidine	0.477	0.508	0.010	6.4924	40.0
Benzo (a) anthracene	1.402	1.431	0.300	2.0881	30.0
Chrysene	1.300	1.343	0.200	3.2822	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.640	0.200	-1.7548	40.0
Di-n-octyl phthalate	0.951	0.902	0.010	-5.1593	40.0
Benzo (b) fluoranthene	1.259	1.282	0.200	1.7949	25.0
Benzo (k) fluoranthene	1.233	1.289	0.200	4.6054	25.0
Benzo (a) pyrene	1.159	1.181	0.200	1.9553	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.598	0.200	3.3389	25.0
Dibenzo (a,h) anthracene	1.252	1.273	0.200	1.6951	30.0
Benzo (g,h,i) perylene	1.203	1.195	0.200	-0.6536	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.506	0.040	9.5145	20.0
1,4-Dioxane-d8	0.515	0.516	0.010	0.2421	25.0
Pyridine-d5	1.413	1.488	0.010	5.3308	40.0
Phenol-d5	1.684	1.697	0.010	0.8235	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.995	0.050	0.537	25.0
2-Chlorophenol-d4	1.195	1.288	0.200	7.8325	20.0
4-Methylphenol-d8	1.344	1.405	0.010	4.5712	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/28/2024 : 16:18

Lab File ID: BP022682.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020683 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.164	0.050	6.3352	20.0
2-Nitrophenol-d4	0.178	0.195	0.050	9.605	30.0
2,4-Dichlorophenol-d3	0.378	0.406	0.060	7.2174	20.0
4-Chloroaniline-d4	0.447	0.453	0.010	1.23	40.0
Dimethylphthalate-d6	1.589	1.630	0.300	2.5824	20.0
Acenaphthylene-d8	1.688	1.746	0.400	3.434	20.0
4-Nitrophenol-d4	0.267	0.246	0.010	-7.817	40.0
Fluorene-d10	1.378	1.440	0.100	4.4593	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.130	0.010	-1.3511	40.0
Anthracene-d10	0.941	0.967	0.300	2.7554	20.0
Pyrene-d10	1.058	1.109	0.300	4.8257	25.0
Benzo(a)pyrene-d12	1.068	1.117	0.010	4.5448	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.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/29/2024 : 03:44

Lab File ID: BP022698.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020684 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.545	0.010	-1.4502	40.0
Benzaldehyde	0.910	1.050	0.010	15.3853	40.0
Pyridine	1.449	1.545	0.010	6.6127	40.0
Phenol	1.752	1.803	0.080	2.917	20.0
Bis(2-Chloroethyl)ether	1.311	1.366	0.100	4.1721	20.0
2-Chlorophenol	1.235	1.310	0.200	6.0795	20.0
2-Methylphenol	1.271	1.301	0.010	2.373	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.519	0.010	-0.313	40.0
Acetophenone	2.218	2.357	0.060	6.2404	20.0
4-Methylphenol	1.410	1.470	0.010	4.2736	20.0
N-Nitroso-di-n-propylamine	1.124	1.197	0.050	6.5311	30.0
Hexachloroethane	0.575	0.599	0.100	4.1337	20.0
Nitrobenzene	0.459	0.460	0.050	0.1985	25.0
Isophorone	0.823	0.845	0.050	2.707	25.0
2-Nitrophenol	0.192	0.203	0.050	5.6054	25.0
2,4-Dimethylphenol	0.417	0.439	0.050	5.3581	25.0
Bis(2-Chloroethoxy)methane	0.467	0.470	0.050	0.6281	20.0
2,4-Dichlorophenol	0.373	0.399	0.060	7.0163	20.0
Naphthalene	1.065	1.107	0.200	3.9315	20.0
4-Chloroaniline	0.441	0.456	0.010	3.418	40.0
Hexachlorobutadiene	0.314	0.328	0.040	4.324	30.0
Caprolactam	0.120	0.121	0.010	0.9513	40.0
4-Chloro-3-methylphenol	0.407	0.438	0.040	7.7436	25.0
1-Methylnaphthalene	0.798	0.846	0.100	5.938	20.0
2-Methylnaphthalene	0.782	0.826	0.100	5.5842	20.0
Hexachlorocyclopentadiene	0.451	0.426	0.010	-5.352	40.0
2,4,6-Trichlorophenol	0.465	0.480	0.090	3.2008	25.0
2,4,5-Trichlorophenol	0.495	0.516	0.100	4.2767	25.0
1,1-Biphenyl	1.442	1.474	0.200	2.2579	20.0
2-Chloronaphthalene	1.180	1.202	0.300	1.8883	20.0
2-Nitroaniline	0.352	0.356	0.050	0.9397	40.0
Dimethylphthalate	1.583	1.613	0.300	1.8601	20.0
2,6-Dinitrotoluene	0.299	0.320	0.080	6.9181	30.0
Acenaphthylene	1.752	1.801	0.400	2.8232	20.0
3-Nitroaniline	0.281	0.275	0.010	-2.1482	40.0
Acenaphthene	1.239	1.291	0.200	4.2244	20.0
2,4-Dinitrophenol	0.220	0.202	0.010	-8.1883	40.0
4-Nitrophenol	0.296	0.302	0.010	1.9591	40.0
Dibenzofuran	1.861	1.954	0.300	5.0129	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/29/2024 : 03:44

Lab File ID: BP022698.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020684 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.513	0.070	10.2027	30.0
Diethylphthalate	1.519	1.570	0.300	3.3238	20.0
Fluorene	1.516	1.606	0.200	5.9225	20.0
4-Chlorophenyl-phenylether	0.867	0.905	0.100	4.3648	20.0
4-Nitroaniline	0.283	0.303	0.010	7.2205	40.0
4,6-Dinitro-2-methylphenol	0.142	0.142	0.010	0.2196	40.0
N-Nitrosodiphenylamine	0.536	0.539	0.050	0.555	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.753	0.100	1.8842	20.0
4-Bromophenyl-phenylether	0.241	0.249	0.070	3.3859	20.0
Hexachlorobenzene	0.297	0.312	0.050	5.1343	25.0
Atrazine	0.223	0.232	0.010	4.2966	25.0
Pentachlorophenol	0.191	0.188	0.010	-1.4862	40.0
Phenanthrene	1.070	1.085	0.200	1.4308	20.0
Pentachlorobenzene	0.337	0.353	0.050	4.912	20.0
Anthracene	1.068	1.082	0.200	1.353	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.311	0.050	2.0796	20.0
Carbazole	0.945	0.961	0.050	1.7025	40.0
Di-n-butylphthalate	1.045	1.040	0.500	-0.484	25.0
Fluoranthene	1.216	1.253	0.400	3.0895	25.0
Pyrene	1.303	1.332	0.400	2.2053	25.0
Butylbenzylphthalate	0.454	0.440	0.100	-2.9283	40.0
3,3-Dichlorobenzidine	0.477	0.513	0.010	7.642	40.0
Benzo (a) anthracene	1.402	1.419	0.300	1.2254	30.0
Chrysene	1.300	1.332	0.200	2.4751	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.625	0.200	-4.0171	40.0
Di-n-octyl phthalate	0.951	0.894	0.010	-5.9883	40.0
Benzo (b) fluoranthene	1.259	1.308	0.200	3.8985	25.0
Benzo (k) fluoranthene	1.233	1.322	0.200	7.2684	25.0
Benzo (a) pyrene	1.159	1.191	0.200	2.8052	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.619	0.200	4.693	25.0
Dibenzo (a,h) anthracene	1.252	1.298	0.200	3.6657	30.0
Benzo (g,h,i) perylene	1.203	1.243	0.200	3.3419	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.491	0.040	6.229	20.0
1,4-Dioxane-d8	0.515	0.508	0.010	-1.2884	25.0
Pyridine-d5	1.413	1.527	0.010	8.0791	40.0
Phenol-d5	1.684	1.695	0.010	0.6985	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	1.002	0.050	1.2578	25.0
2-Chlorophenol-d4	1.195	1.279	0.200	7.0344	20.0
4-Methylphenol-d8	1.344	1.394	0.010	3.7531	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG No.: BP102824

Instrument ID: BNA_P Calibration Date/Time: 10/29/2024 : 03:44

Lab File ID: BP022698.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020684 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.160	0.050	4.0151	20.0
2-Nitrophenol-d4	0.178	0.193	0.050	8.3136	30.0
2,4-Dichlorophenol-d3	0.378	0.399	0.060	5.4264	20.0
4-Chloroaniline-d4	0.447	0.461	0.010	3.0321	40.0
Dimethylphthalate-d6	1.589	1.640	0.300	3.2032	20.0
Acenaphthylene-d8	1.688	1.734	0.400	2.7538	20.0
4-Nitrophenol-d4	0.267	0.251	0.010	-5.6716	40.0
Fluorene-d10	1.378	1.427	0.100	3.556	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.127	0.010	-3.7561	40.0
Anthracene-d10	0.941	0.970	0.300	3.118	20.0
Pyrene-d10	1.058	1.078	0.300	1.9215	25.0
Benzo(a)pyrene-d12	1.068	1.133	0.010	6.0903	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BP102824
Lab Sample ID:	PB164389BL	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
BP022675.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BP102824
Lab Sample ID:	PB164389BL	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
BP022675.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BP102824
Lab Sample ID:	PB164389BL	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
BP022675.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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	4.361		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	20.655		20-120		52	SPK: -40
4165-62-2	Phenol-d5	20.087		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.197		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.304		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.279		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.348		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.581		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.116		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.826		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.941		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.643		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.309		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.915		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BP102824
Lab Sample ID:	PB164389BL	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
BP022675.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.752		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	22.97		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.198		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.8		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105105	7.646				
1146-65-2	Naphthalene-d8	387610	10.399				
15067-26-2	Acenaphthene-d10	313171	14.257				
1517-22-2	Phenanthrene-d10	769497	17.063				
1719-03-5	Chrysene-d12	903387	21.492				
1520-96-3	Perylene-d12	1054879	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BP102824
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022676.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.8	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.4	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	99.8	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.8	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.4	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.4	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.4	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.4	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.4	210	ug/Kg
105-60-2	Caprolactam	87	U	87	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BP102824
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BP022676.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.4	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.8	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.8	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.4	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.4	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.4	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	99.8	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.4	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.4	210	ug/Kg
86-74-8	Carbazole	34	U	34	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.4	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BP102824
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022676.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.4	210	ug/Kg
218-01-9	Chrysene	37	U	37	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.606		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.283		20-120		61	SPK: -40
4165-62-2	Phenol-d5	28.804		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.424		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.283		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.406		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.104		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.611		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.862		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.367		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.944		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	32.325		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.161		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	33.98		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BP102824
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BP022676.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.825		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	33.34		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	32.682		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.907		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65984	7.646				
1146-65-2	Naphthalene-d8	250473	10.404				
15067-26-2	Acenaphthene-d10	196682	14.263				
1517-22-2	Phenanthrene-d10	501329	17.057				
1719-03-5	Chrysene-d12	591649	21.492				
1520-96-3	Perylene-d12	741985	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.639	
000057-10-3	n-Hexadecanoic acid	350	J			17.992	
000057-11-4	Octadecanoic acid	96	J			19.327	
	(DEL) Alkane: Cyclic	140	J			21.169	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BP102824
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BP022677.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91.1	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91.1	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BP102824
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BP022677.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.1	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.1	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BP102824
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BP022677.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.9	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.737		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	25.825		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.647		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.503		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.745		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.628		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.939		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.877		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.52		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.846		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.83		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.967		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.02		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	35.003		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BP102824
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BP022677.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.185		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	36.753		10-150		92	SPK: -40
1718-52-1	Pyrene-d10	34.577		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.85		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70334	7.645				
1146-65-2	Naphthalene-d8	259853	10.404				
15067-26-2	Acenaphthene-d10	207486	14.257				
1517-22-2	Phenanthrene-d10	508573	17.057				
1719-03-5	Chrysene-d12	595137	21.504				
1520-96-3	Perylene-d12	727733	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.639	
000057-10-3	n-Hexadecanoic acid	340	J			17.998	
000057-11-4	Octadecanoic acid	79	J			19.333	
	(DEL) Alkane: Straight-Chain	21.174	J			21.174	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BP102824
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BP022678.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.4	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.6	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.4	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.4	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.6	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.6	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.6	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.6	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BP102824
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022678.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.6	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.4	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.4	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.6	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.6	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.4	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.6	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.6	190	ug/Kg
206-44-0	Fluoranthene	70	J	60	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BP102824
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BP022678.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		55	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	72	J	30	47.6	190	ug/Kg
218-01-9	Chrysene	120	J	35	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		37	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	J	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	36	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	J	35	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	J	29	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.35		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.757		20-120		39	SPK: -40
4165-62-2	Phenol-d5	16.15		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.811		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.511		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.566		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.374		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.903		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.889		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.094		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.158		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.444		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.53		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.402		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BP102824
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BP022678.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.176		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	17.68		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.472		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.201		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70376	7.646				
1146-65-2	Naphthalene-d8	265622	10.404				
15067-26-2	Acenaphthene-d10	210327	14.257				
1517-22-2	Phenanthrene-d10	530322	17.057				
1719-03-5	Chrysene-d12	609768	21.498				
1520-96-3	Perylene-d12	779817	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.645	
000057-10-3	n-Hexadecanoic acid	160	J			17.992	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BP102824
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022679.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BP102824
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BP022679.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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	33	U	33	49	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49	200	ug/Kg
120-12-7	Anthracene	67	J	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	73	J	62	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BP102824
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022679.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	94	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	52	J	31	49	200	ug/Kg
218-01-9	Chrysene	70	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	110	J	38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	52	J	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	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	3.779		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	18.998		20-120		47	SPK: -40
4165-62-2	Phenol-d5	17.874		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.882		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.134		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	20.105		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.822		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.522		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.382		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.185		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.35		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.582		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.962	*	10-150		5	SPK: -40
81103-79-9	Fluorene-d10	23.468		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BP102824
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BP022679.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.705	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	23.114		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.794		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.755		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76030	7.646				
1146-65-2	Naphthalene-d8	275277	10.405				
15067-26-2	Acenaphthene-d10	216569	14.269				
1517-22-2	Phenanthrene-d10	536483	17.069				
1719-03-5	Chrysene-d12	606456	21.492				
1520-96-3	Perylene-d12	752644	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.657	
000057-10-3	n-Hexadecanoic acid	160	J			18.004	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BP102824
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022680.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BP102824
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022680.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BP102824
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022680.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.9	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.559		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	28.407		20-120		71	SPK: -40
4165-62-2	Phenol-d5	31.437		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.218		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.365		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.846		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	34.896		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.251		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.472		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.582		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.395		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.412		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.071		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	37.744		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BP102824
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
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
BP022680.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.125		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	37.641		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	38.416		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.79		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84697	7.646				
1146-65-2	Naphthalene-d8	316412	10.399				
15067-26-2	Acenaphthene-d10	248403	14.257				
1517-22-2	Phenanthrene-d10	620095	17.057				
1719-03-5	Chrysene-d12	669373	21.498				
1520-96-3	Perylene-d12	782143	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.64	
000057-10-3	n-Hexadecanoic acid	430	J			17.998	
000057-11-4	Octadecanoic acid	110	J			19.334	
	(DEL) Alkane: Straight-Chain	21.180	J			21.18	
000112-84-5	13-Docosenamide, (Z)-	190	J			23.027	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BP102824
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022681.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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	94.7	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.8	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.7	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.7	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	48.8	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.8	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.8	200	ug/Kg
78-59-1	Isophorone	55	U	55	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.8	200	ug/Kg
91-20-3	Naphthalene	29	U	29	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	48.8	200	ug/Kg
105-60-2	Caprolactam	83	U	83	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BP102824
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022681.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	48.8	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	94.7	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.7	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.8	200	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.8	200	ug/Kg
86-73-7	Fluorene	29	U	29	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.8	200	ug/Kg
1912-24-9	Atrazine	82	U	82	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.7	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.8	200	ug/Kg
86-74-8	Carbazole	32	U	32	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.8	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BP102824
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022681.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.8	200	ug/Kg
218-01-9	Chrysene	36	U	36	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.189		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	32.141		20-120		80	SPK: -40
4165-62-2	Phenol-d5	33.296		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.79		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.69		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	34.409		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	36.464		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.829		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.602		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.905		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.736		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.441		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.653		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	36.424		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BP102824
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BP022681.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.102		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	37.333		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	35.95		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.252		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68784	7.652				
1146-65-2	Naphthalene-d8	257448	10.404				
15067-26-2	Acenaphthene-d10	201051	14.257				
1517-22-2	Phenanthrene-d10	495894	17.051				
1719-03-5	Chrysene-d12	586557	21.492				
1520-96-3	Perylene-d12	719966	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	560	J			15.639	
000057-10-3	n-Hexadecanoic acid	380	J			17.992	
000057-11-4	Octadecanoic acid	84	J			19.327	
	(DEL) Alkane: Cyclic	120	J			21.169	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK433	SDG No.:	BP102824
Lab Sample ID:	PB164433BL	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
BP022683.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK433	SDG No.:	BP102824
Lab Sample ID:	PB164433BL	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
BP022683.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK433	SDG No.:	BP102824
Lab Sample ID:	PB164433BL	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
BP022683.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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	4.802		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	23.084		20-120		58	SPK: -40
4165-62-2	Phenol-d5	22.361		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.98		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.989		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.852		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.67		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.686		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.382		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.771		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.546		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.473		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.535		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.171		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK433	SDG No.:	BP102824
Lab Sample ID:	PB164433BL	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
BP022683.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.014		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	24.664		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.024		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.158		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78029	7.646				
1146-65-2	Naphthalene-d8	296371	10.404				
15067-26-2	Acenaphthene-d10	237304	14.257				
1517-22-2	Phenanthrene-d10	579586	17.063				
1719-03-5	Chrysene-d12	637779	21.51				
1520-96-3	Perylene-d12	740854	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BP102824
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022684.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.9	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.9	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.9	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.9	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.9	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.9	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.9	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.9	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	49.9	200	ug/Kg
105-60-2	Caprolactam	85	U	85	96.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BP102824
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BP022684.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	49.9	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	96.9	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.9	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.9	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.9	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.9	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	49.9	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.9	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.9	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	49.9	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	49.9	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BP102824
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022684.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.9	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.572		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.475		20-120		54	SPK: -40
4165-62-2	Phenol-d5	26.037		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.6		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.922		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.696		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.299		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.437		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.795		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.647		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.111		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.122		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.614		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	31.803		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BP102824
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BP022684.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.556		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	32.974		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.092		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.879		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75424	7.646				
1146-65-2	Naphthalene-d8	288821	10.405				
15067-26-2	Acenaphthene-d10	228503	14.263				
1517-22-2	Phenanthrene-d10	572569	17.057				
1719-03-5	Chrysene-d12	645765	21.492				
1520-96-3	Perylene-d12	775973	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	310	J			15.64	
000057-10-3	n-Hexadecanoic acid	210	J			17.992	
959085-66-6	Heptadecyl heptafluorobutyrate	88	J			21.175	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BP102824
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BP022685.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.1	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	94.1	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.1	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.5	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.5	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.5	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.5	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.5	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BP102824
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BP022685.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.5	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.1	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.5	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.5	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.5	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	94.1	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.5	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.5	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BP102824
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022685.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.5	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.48		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	15.738		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.825		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.233		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.356		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.271		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.407		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.432		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.901		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.809		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.288		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.546		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.991		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	22.467		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BP102824
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BP022685.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.043		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	22.279		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.397		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.345		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62729	7.64				
1146-65-2	Naphthalene-d8	236184	10.404				
15067-26-2	Acenaphthene-d10	186051	14.263				
1517-22-2	Phenanthrene-d10	468973	17.063				
1719-03-5	Chrysene-d12	522620	21.504				
1520-96-3	Perylene-d12	660606	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.634	
000057-10-3	n-Hexadecanoic acid	140	J			17.992	
000506-17-2	cis-Vaccenic acid	140	J			19.21	
	(DEL) Alkane: Cyclic21.174	81	J			21.174	
E966796	Total Alkanes	81				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BP102824
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BP022686.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.1	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.1	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.1	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.4	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.4	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.4	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.4	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.4	190	ug/Kg
105-60-2	Caprolactam	80	U	80	92.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BP102824
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022686.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.4	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.1	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.1	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.4	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	47.4	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.4	190	ug/Kg
1912-24-9	Atrazine	79	U	79	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.1	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.4	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.4	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BP102824
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022686.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.4	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.933		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	24.4		20-120		61	SPK: -40
4165-62-2	Phenol-d5	28.918		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.585		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.996		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.813		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	30.226		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.494		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.682		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.19		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.174		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	33.03		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.769		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	35.008		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BP102824
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BP022686.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.158		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	34.431		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	35.428		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.18		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81073	7.646				
1146-65-2	Naphthalene-d8	302293	10.404				
15067-26-2	Acenaphthene-d10	236826	14.263				
1517-22-2	Phenanthrene-d10	595151	17.057				
1719-03-5	Chrysene-d12	662156	21.486				
1520-96-3	Perylene-d12	793800	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	75	J			9.346	
000119-61-9	Benzophenone	430	J			15.639	
000057-10-3	n-Hexadecanoic acid	270	J			17.992	
000057-11-4	Octadecanoic acid	84	J			19.328	
	(DEL) Alkane: Cyclic21.169	120	J			21.169	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BP102824
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022687.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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	95.1	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.1	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.1	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.1	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	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	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	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BP102824
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022687.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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	95.1	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	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	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.1	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	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	95.1	380	ug/Kg
85-01-8	Phenanthrene	33	U	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	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	49	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	95.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BP102824
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022687.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49	200	ug/Kg
218-01-9	Chrysene	36	U	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	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	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	3.177		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.274		20-120		41	SPK: -40
4165-62-2	Phenol-d5	17.066		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.201		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.575		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.745		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.171		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.853		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.245		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.272		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.606		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.287		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.122		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.403		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BP102824
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BP022687.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.613		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.357		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.17		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.733		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68746	7.645				
1146-65-2	Naphthalene-d8	254637	10.404				
15067-26-2	Acenaphthene-d10	205138	14.263				
1517-22-2	Phenanthrene-d10	520799	17.063				
1719-03-5	Chrysene-d12	616761	21.503				
1520-96-3	Perylene-d12	743851	24.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.645	
000057-10-3	n-Hexadecanoic acid	230	J			17.998	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BP102824
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022688.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.8	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BP102824
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP022688.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BP102824
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022688.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.8	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.54		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	23.201		20-120		58	SPK: -40
4165-62-2	Phenol-d5	25.391		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.108		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.986		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.504		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	28.539		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.497		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.396		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.176		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.79		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.421		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.453		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	29.395		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BP102824
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP022688.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.906		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.027		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	28.787		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.303		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77276	7.646				
1146-65-2	Naphthalene-d8	290297	10.399				
15067-26-2	Acenaphthene-d10	231297	14.269				
1517-22-2	Phenanthrene-d10	575353	17.063				
1719-03-5	Chrysene-d12	672221	21.498				
1520-96-3	Perylene-d12	820479	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	470	J			15.64	
000057-10-3	n-Hexadecanoic acid	180	J			17.998	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BP102824
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022689.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.5	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.5	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.6	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.5	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.5	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.6	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.6	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.6	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.6	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BP102824
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022689.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.6	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.5	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.5	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.6	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.6	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.5	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.5	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.6	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.6	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BP102824
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022689.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.788		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	12.742		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.425		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.482		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.274		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.684		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.804		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.046		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.792		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.464		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	17.944		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.477		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.486		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BP102824
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP022689.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.009		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.991		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.179		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.92		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70612	7.646				
1146-65-2	Naphthalene-d8	253863	10.399				
15067-26-2	Acenaphthene-d10	204152	14.257				
1517-22-2	Phenanthrene-d10	504880	17.063				
1719-03-5	Chrysene-d12	597975	21.498				
1520-96-3	Perylene-d12	735438	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.64	
000057-10-3	n-Hexadecanoic acid	170	J			17.992	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BP102824
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022690.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BP102824
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022690.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BP102824
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022690.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.1	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.736		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	11.311		20-120		28	SPK: -40
4165-62-2	Phenol-d5	14.303		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.619		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.528		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.933		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.386		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.313		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.046		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.079		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.85		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	16.426		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.603		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	17.958		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BP102824
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022690.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.926		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	17.874		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	18.107		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.71		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71796	7.646				
1146-65-2	Naphthalene-d8	271414	10.404				
15067-26-2	Acenaphthene-d10	215500	14.257				
1517-22-2	Phenanthrene-d10	542883	17.063				
1719-03-5	Chrysene-d12	604496	21.504				
1520-96-3	Perylene-d12	752718	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.645	
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BP102824
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022691.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.5	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	49	U	49	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.5	370	ug/Kg
98-86-2	Acetophenone	45	U	45	93.5	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48.2	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.2	190	ug/Kg
78-59-1	Isophorone	54	U	54	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.2	190	ug/Kg
105-60-2	Caprolactam	82	U	82	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BP102824
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022691.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.5	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.5	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.2	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.2	190	ug/Kg
1912-24-9	Atrazine	81	U	81	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.5	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.2	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.2	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BP102824
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022691.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.2	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.057		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.766		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.461		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.474		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.48		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.805		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.063		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.03		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.128		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.377		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.51		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	18.033		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.385		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.66		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BP102824
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BP022691.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.043		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	20.048		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.729		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.858		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66817	7.652				
1146-65-2	Naphthalene-d8	246291	10.404				
15067-26-2	Acenaphthene-d10	198640	14.269				
1517-22-2	Phenanthrene-d10	499462	17.075				
1719-03-5	Chrysene-d12	579251	21.498				
1520-96-3	Perylene-d12	733358	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.651	
000057-10-3	n-Hexadecanoic acid	140	J			18.01	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BP102824
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BP022692.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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	95.6	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.6	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.3	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	95.6	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.6	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.3	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.3	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.3	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.3	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.3	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BP102824
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BP022692.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.3	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.6	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	95.6	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.6	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.3	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.3	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.3	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.6	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.6	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.3	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.3	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.3	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	95.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BP102824
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BP022692.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	95.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.3	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.537		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.106		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.727		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.454		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.562		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.019		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.61		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.618		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.978		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.363		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.37		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.487		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.626		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	21.518		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BP102824
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BP022692.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.563		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.257		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.773		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.309		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75806	7.646				
1146-65-2	Naphthalene-d8	275505	10.404				
15067-26-2	Acenaphthene-d10	207613	14.263				
1517-22-2	Phenanthrene-d10	521367	17.069				
1719-03-5	Chrysene-d12	608415	21.492				
1520-96-3	Perylene-d12	762706	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.651	
000057-10-3	n-Hexadecanoic acid	190	J			18.004	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BP102824
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP022693.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

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	89.9	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.9	360	ug/Kg
98-86-2	Acetophenone	44	U	44	89.9	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.3	190	ug/Kg
78-59-1	Isophorone	52	U	52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.3	190	ug/Kg
105-60-2	Caprolactam	78	U	78	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BP102824
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP022693.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.9	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.9	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.3	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.3	190	ug/Kg
1912-24-9	Atrazine	77	U	77	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	89.9	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.3	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46.3	190	ug/Kg
86-74-8	Carbazole	31	U	31	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46.3	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	89.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BP102824
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP022693.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46.3	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.001		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	5.953	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	15.889		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.911		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.332		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.026		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.774		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.38		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.964		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.447		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.945		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.535		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.671		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.927		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BP102824
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP022693.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.91		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.223		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.385		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.205		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82723	7.646				
1146-65-2	Naphthalene-d8	309677	10.404				
15067-26-2	Acenaphthene-d10	250282	14.275				
1517-22-2	Phenanthrene-d10	605919	17.063				
1719-03-5	Chrysene-d12	664220	21.498				
1520-96-3	Perylene-d12	792870	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.651	
000057-10-3	n-Hexadecanoic acid	160	J			18.004	
007683-64-9	Supraene	96	J			23.251	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BP102824
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022694.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.5	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.5	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.7	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.7	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.7	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BP102824
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
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
BP022694.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.7	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.5	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.5	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.5	390	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.7	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.7	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.7	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.5	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.5	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.7	200	ug/Kg
120-12-7	Anthracene	41	J	29	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.7	200	ug/Kg
206-44-0	Fluoranthene	110	J	63	96.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BP102824
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022694.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	57	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	32	49.7	200	ug/Kg
218-01-9	Chrysene	94	J	36	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	39	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	J	44	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	37	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	J	30	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.741		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	15.241		20-120		38	SPK: -40
4165-62-2	Phenol-d5	19.495		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.443		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.037		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.325		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.004		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.684		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.336		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.038		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.892		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.596		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.574		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	23.638		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BP102824
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
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
BP022694.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.25		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	22.843		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	21.636		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.938		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81874	7.646				
1146-65-2	Naphthalene-d8	300401	10.405				
15067-26-2	Acenaphthene-d10	236256	14.269				
1517-22-2	Phenanthrene-d10	581093	17.063				
1719-03-5	Chrysene-d12	718944	21.504				
1520-96-3	Perylene-d12	907873	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000087-44-5	Caryophyllene	380	J			13.575	
000119-61-9	Benzophenone	270	J			15.651	
000057-10-3	n-Hexadecanoic acid	260	J			18.004	
000122-69-0	Cinnamyl cinnamate	160	J			20.975	
1000282-98-2	Dichloroacetic acid, heptadecyl es	98	J			21.175	
007683-64-9	Supraene	140	J			23.245	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BP102824
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022695.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.5	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.5	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.5	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.3	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.3	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.3	210	ug/Kg
105-60-2	Caprolactam	87	U	87	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BP102824
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BP022695.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.5	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.5	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.3	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.3	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.3	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.5	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.3	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.3	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BP102824
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022695.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.3	210	ug/Kg
218-01-9	Chrysene	37	U	37	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.26		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	14.597		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.752		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.94		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.268		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.064		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.967		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.839		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.459		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.339		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.521		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	18.662		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.868		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	19.597		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BP102824
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BP022695.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.041		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	19.298		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.662		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.729		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78533	7.646				
1146-65-2	Naphthalene-d8	290062	10.405				
15067-26-2	Acenaphthene-d10	228461	14.263				
1517-22-2	Phenanthrene-d10	574139	17.057				
1719-03-5	Chrysene-d12	681721	21.486				
1520-96-3	Perylene-d12	841114	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	420	J			15.64	
000057-10-3	n-Hexadecanoic acid	180	J			17.986	
000112-79-8	9-Octadecenoic acid, (E)-	130	J			19.204	
000111-02-4	Squalene	130	J			23.227	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BP102824
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022696.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	92.6	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.7	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.6	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.6	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.7	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.7	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.7	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.7	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.7	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BP102824
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BP022696.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.7	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.6	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.7	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.7	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.6	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.7	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.7	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.7	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BP102824
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022696.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.7	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.942		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	8.175		20-120		20	SPK: -40
4165-62-2	Phenol-d5	19.016		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.5		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.617		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	19.091		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	17.244		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.993		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.374		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.432		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.67		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	20.572		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.463		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.398		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BP102824
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BP022696.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.494		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	21.825		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.136		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.045		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68254	7.64				
1146-65-2	Naphthalene-d8	253169	10.399				
15067-26-2	Acenaphthene-d10	200720	14.269				
1517-22-2	Phenanthrene-d10	510153	17.057				
1719-03-5	Chrysene-d12	590732	21.48				
1520-96-3	Perylene-d12	722033	24.716				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.645	
000057-10-3	n-Hexadecanoic acid	240	J			17.992	
000057-11-4	Octadecanoic acid	100	J			19.328	
000122-69-0	Cinnamyl cinnamate	200	J			20.957	
	(DEL) Alkane: Straight-Chain	21.157	J			21.157	
E966796	Total Alkanes	88				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BP102824
Lab Sample ID:	PB164389BS	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
BP022697.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	170	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	750		33	170	330	ug/Kg
108-95-2	Phenol	810		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	840		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	810		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760		60	82.5	330	ug/Kg
98-86-2	Acetophenone	770		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	810		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	810		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	790		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	770		31	42.5	170	ug/Kg
78-59-1	Isophorone	790		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	810		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	760		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	770		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	860		16	42.5	170	ug/Kg
91-20-3	Naphthalene	780		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	430		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	810		44	42.5	170	ug/Kg
105-60-2	Caprolactam	770		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	790		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	810		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	810		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BP102824
Lab Sample ID:	PB164389BS	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
BP022697.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	770		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	760		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	790		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	770		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	840		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	760		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	760		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	770		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	780		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	790		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	790		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	850		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	800		30	42.5	170	ug/Kg
86-73-7	Fluorene	790		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	800		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	880		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	790		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	790		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	840		32	42.5	170	ug/Kg
1912-24-9	Atrazine	850		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	790		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	770		52	42.5	170	ug/Kg
120-12-7	Anthracene	780		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	750		50	42.5	170	ug/Kg
86-74-8	Carbazole	780		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	830		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	810		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BP102824
Lab Sample ID:	PB164389BS	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
BP022697.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	810		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	810		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	820		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	790		27	42.5	170	ug/Kg
218-01-9	Chrysene	790		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800		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	810		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	820		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	800		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	780		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	830		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.341		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	23.17		20-120		58	SPK: -40
4165-62-2	Phenol-d5	24.232		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.576		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.26		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.853		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	23.743		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.904		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.658		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.75		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.701		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.344		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.858		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	23.575		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BP102824
Lab Sample ID:	PB164389BS	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
BP022697.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.002		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	23.586		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.852		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.905		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96897	7.646				
1146-65-2	Naphthalene-d8	380247	10.404				
15067-26-2	Acenaphthene-d10	320039	14.269				
1517-22-2	Phenanthrene-d10	790381	17.057				
1719-03-5	Chrysene-d12	869771	21.498				
1520-96-3	Perylene-d12	992869	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK432	SDG No.:	BP102824
Lab Sample ID:	PB164432BL	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
BP022699.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK432	SDG No.:	BP102824
Lab Sample ID:	PB164432BL	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
BP022699.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK432	SDG No.:	BP102824
Lab Sample ID:	PB164432BL	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
BP022699.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

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	4.825		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	24.06		20-120		60	SPK: -40
4165-62-2	Phenol-d5	23.179		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.986		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.091		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.631		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.513		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.733		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.487		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.18		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.64		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.713		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.922		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.167		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK432	SDG No.:	BP102824
Lab Sample ID:	PB164432BL	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
BP022699.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.566		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.052		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.791		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.588		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73245	7.645				
1146-65-2	Naphthalene-d8	272770	10.404				
15067-26-2	Acenaphthene-d10	221180	14.263				
1517-22-2	Phenanthrene-d10	540097	17.063				
1719-03-5	Chrysene-d12	574927	21.486				
1520-96-3	Perylene-d12	679946	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35	SDG No.:	BP102824
Lab Sample ID:	P4494-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
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
BP022700.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	18.4	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	230	920	ug/Kg
110-86-1	Pyridine	92	U	92	460	920	ug/Kg
108-95-2	Phenol	120	U	120	230	920	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	230	920	ug/Kg
95-57-8	2-Chlorophenol	64	U	64	120	470	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	920	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	230	920	ug/Kg
98-86-2	Acetophenone	110	U	110	230	920	ug/Kg
106-44-5	4-Methylphenol	100	U	100	230	920	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	120	470	ug/Kg
67-72-1	Hexachloroethane	50	U	50	120	470	ug/Kg
98-95-3	Nitrobenzene	87	U	87	120	470	ug/Kg
78-59-1	Isophorone	130	U	130	120	470	ug/Kg
88-75-5	2-Nitrophenol	87	U	87	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	70	U	70	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	120	470	ug/Kg
91-20-3	Naphthalene	70	U	70	120	470	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	120	920	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	120	470	ug/Kg
105-60-2	Caprolactam	200	U	200	230	920	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	92	U	92	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	230	920	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35	SDG No.:	BP102824
Lab Sample ID:	P4494-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
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
BP022700.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	120	470	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	120	470	ug/Kg
131-11-3	Dimethylphthalate	81	U	81	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	120	470	ug/Kg
208-96-8	Acenaphthylene	89	U	89	120	470	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	920	ug/Kg
83-32-9	Acenaphthene	81	U	81	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	230	920	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	230	920	ug/Kg
132-64-9	Dibenzofuran	89	U	89	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	470	ug/Kg
84-66-2	Diethylphthalate	84	U	84	120	470	ug/Kg
86-73-7	Fluorene	70	U	70	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	120	470	ug/Kg
100-01-6	4-Nitroaniline	87	U	87	230	920	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	230	920	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81	U	81	120	470	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	120	470	ug/Kg
1912-24-9	Atrazine	200	U	200	230	920	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	230	920	ug/Kg
85-01-8	Phenanthrene	130	J	81	120	470	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	120	470	ug/Kg
120-12-7	Anthracene	70	U	70	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	470	ug/Kg
86-74-8	Carbazole	78	U	78	230	920	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	470	ug/Kg
206-44-0	Fluoranthene	240	J	150	230	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35	SDG No.:	BP102824
Lab Sample ID:	P4494-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
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
BP022700.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	140	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	230	U	230	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	230	920	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	75	120	470	ug/Kg
218-01-9	Chrysene	130	J	87	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	470	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	230	920	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	92	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	89	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87	U	87	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	U	73	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	92	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.987		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.912		20-120		47	SPK: -40
4165-62-2	Phenol-d5	22.082		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.78		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.123		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.315		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.203		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.078		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.341		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.909		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.201		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.218		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.769		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	27.176		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35	SDG No.:	BP102824
Lab Sample ID:	P4494-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
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
BP022700.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.542		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	27.87		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.166		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.507		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65678	7.646				
1146-65-2	Naphthalene-d8	253751	10.399				
15067-26-2	Acenaphthene-d10	198122	14.263				
1517-22-2	Phenanthrene-d10	480390	17.057				
1719-03-5	Chrysene-d12	585516	21.492				
1520-96-3	Perylene-d12	776156	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	510	J			15.645	
000057-10-3	n-Hexadecanoic acid	660	J			17.998	
000057-11-4	Octadecanoic acid	310	J			19.328	
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MS	SDG No.:	BP102824
Lab Sample ID:	P4494-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022701.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100		31	18.4	190	ug/Kg
100-52-7	Benzaldehyde	500	J	130	230	920	ug/Kg
110-86-1	Pyridine	2900		92	460	920	ug/Kg
108-95-2	Phenol	3400		120	230	920	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3200		110	230	920	ug/Kg
95-57-8	2-Chlorophenol	3400		64	120	470	ug/Kg
95-48-7	2-Methylphenol	3400		110	230	920	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		170	230	920	ug/Kg
98-86-2	Acetophenone	3200		110	230	920	ug/Kg
106-44-5	4-Methylphenol	3400		100	230	920	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3300		140	120	470	ug/Kg
67-72-1	Hexachloroethane	3300		50	120	470	ug/Kg
98-95-3	Nitrobenzene	3100		86	120	470	ug/Kg
78-59-1	Isophorone	3200		130	120	470	ug/Kg
88-75-5	2-Nitrophenol	3300		86	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	3400		70	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3200		120	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	3500		45	120	470	ug/Kg
91-20-3	Naphthalene	3200		70	120	470	ug/Kg
106-47-8	4-Chloroaniline	2000		67	120	920	ug/Kg
87-68-3	Hexachlorobutadiene	3300		120	120	470	ug/Kg
105-60-2	Caprolactam	3000		200	230	920	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3500		140	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	3200		92	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	3300		64	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300		260	230	920	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3500		140	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3500		110	120	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MS	SDG No.:	BP102824
Lab Sample ID:	P4494-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.09 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
BP022701.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3200		67	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	3200		72	120	470	ug/Kg
88-74-4	2-Nitroaniline	3200		110	120	470	ug/Kg
131-11-3	Dimethylphthalate	3100		81	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	3500		120	120	470	ug/Kg
208-96-8	Acenaphthylene	3200		89	120	470	ug/Kg
99-09-2	3-Nitroaniline	3100		120	230	920	ug/Kg
83-32-9	Acenaphthene	3200		81	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	2900		130	230	920	ug/Kg
100-02-7	4-Nitrophenol	3200		120	230	920	ug/Kg
132-64-9	Dibenzofuran	3200		89	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	3300		120	120	470	ug/Kg
84-66-2	Diethylphthalate	3300		84	120	470	ug/Kg
86-73-7	Fluorene	3300		70	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300		56	120	470	ug/Kg
100-01-6	4-Nitroaniline	3600		86	230	920	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3000		210	230	920	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3300		92	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3300		67	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500		81	120	470	ug/Kg
118-74-1	Hexachlorobenzene	3500		89	120	470	ug/Kg
1912-24-9	Atrazine	3500		200	230	920	ug/Kg
87-86-5	Pentachlorophenol	3400		210	230	920	ug/Kg
85-01-8	Phenanthrene	3400		81	120	470	ug/Kg
608-93-5	Pentachlorobenzene	3300		140	120	470	ug/Kg
120-12-7	Anthracene	3300		70	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3300		140	120	470	ug/Kg
86-74-8	Carbazole	3200		78	230	920	ug/Kg
84-74-2	Di-n-butylphthalate	3400		170	120	470	ug/Kg
206-44-0	Fluoranthene	3800		150	230	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MS	SDG No.:	BP102824
Lab Sample ID:	P4494-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022701.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3700		140	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	3500		230	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		130	230	920	ug/Kg
56-55-3	Benzo(a)anthracene	3400		75	120	470	ug/Kg
218-01-9	Chrysene	3400		86	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		270	120	470	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		210	230	920	ug/Kg
205-99-2	Benzo(b)fluoranthene	3500		92	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	3300		110	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	3300		89	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3400		86	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3300		78	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3300		72	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3400		92	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.953		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	21.172		20-120		53	SPK: -40
4165-62-2	Phenol-d5	25.606		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.553		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.8		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	27.102		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	25.693		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.238		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.142		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.931		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.083		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.298		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.198		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.129		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MS	SDG No.:	BP102824
Lab Sample ID:	P4494-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.09 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
BP022701.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.522		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	27.102		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	28.17		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.131		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93831	7.646				
1146-65-2	Naphthalene-d8	376549	10.399				
15067-26-2	Acenaphthene-d10	301780	14.263				
1517-22-2	Phenanthrene-d10	721986	17.075				
1719-03-5	Chrysene-d12	738186	21.48				
1520-96-3	Perylene-d12	864781	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MSD	SDG No.:	BP102824
Lab Sample ID:	P4494-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.07 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
BP022702.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000		31	18.4	190	ug/Kg
100-52-7	Benzaldehyde	480	J	130	230	920	ug/Kg
110-86-1	Pyridine	2900		92	460	920	ug/Kg
108-95-2	Phenol	3300		120	230	920	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3100		110	230	920	ug/Kg
95-57-8	2-Chlorophenol	3300		64	120	470	ug/Kg
95-48-7	2-Methylphenol	3300		110	230	920	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000		170	230	920	ug/Kg
98-86-2	Acetophenone	3000		110	230	920	ug/Kg
106-44-5	4-Methylphenol	3200		100	230	920	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3000		140	120	470	ug/Kg
67-72-1	Hexachloroethane	3200		50	120	470	ug/Kg
98-95-3	Nitrobenzene	3100		86	120	470	ug/Kg
78-59-1	Isophorone	3100		130	120	470	ug/Kg
88-75-5	2-Nitrophenol	3400		86	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	3400		70	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3100		120	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	3400		45	120	470	ug/Kg
91-20-3	Naphthalene	3200		70	120	470	ug/Kg
106-47-8	4-Chloroaniline	2300		67	120	920	ug/Kg
87-68-3	Hexachlorobutadiene	3300		120	120	470	ug/Kg
105-60-2	Caprolactam	3100		200	230	920	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3400		140	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	3100		92	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	3300		64	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000		260	230	920	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3300		140	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3400		110	120	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MSD	SDG No.:	BP102824
Lab Sample ID:	P4494-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.07 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
BP022702.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3100		67	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	3100		72	120	470	ug/Kg
88-74-4	2-Nitroaniline	3100		110	120	470	ug/Kg
131-11-3	Dimethylphthalate	3000		81	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	3400		120	120	470	ug/Kg
208-96-8	Acenaphthylene	3100		89	120	470	ug/Kg
99-09-2	3-Nitroaniline	3100		120	230	920	ug/Kg
83-32-9	Acenaphthene	3200		81	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		130	230	920	ug/Kg
100-02-7	4-Nitrophenol	3000		120	230	920	ug/Kg
132-64-9	Dibenzofuran	3200		89	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	3300		120	120	470	ug/Kg
84-66-2	Diethylphthalate	3100		84	120	470	ug/Kg
86-73-7	Fluorene	3200		70	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3200		56	120	470	ug/Kg
100-01-6	4-Nitroaniline	3500		86	230	920	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700		210	230	920	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3200		92	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3200		67	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3300		81	120	470	ug/Kg
118-74-1	Hexachlorobenzene	3300		89	120	470	ug/Kg
1912-24-9	Atrazine	3400		200	230	920	ug/Kg
87-86-5	Pentachlorophenol	3300		210	230	920	ug/Kg
85-01-8	Phenanthrene	3300		81	120	470	ug/Kg
608-93-5	Pentachlorobenzene	3100		140	120	470	ug/Kg
120-12-7	Anthracene	3100		70	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3200		140	120	470	ug/Kg
86-74-8	Carbazole	3100		78	230	920	ug/Kg
84-74-2	Di-n-butylphthalate	3200		170	120	470	ug/Kg
206-44-0	Fluoranthene	3500		150	230	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MSD	SDG No.:	BP102824
Lab Sample ID:	P4494-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.07 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
BP022702.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400		140	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	3200		230	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2200		130	230	920	ug/Kg
56-55-3	Benzo(a)anthracene	3200		75	120	470	ug/Kg
218-01-9	Chrysene	3200		86	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		270	120	470	ug/Kg
117-84-0	Di-n-octyl phthalate	3100		210	230	920	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		92	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	3200		110	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	3300		89	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3300		86	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3200		78	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3300		72	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3400		92	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.542		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	20.965		20-120		52	SPK: -40
4165-62-2	Phenol-d5	24.892		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.599		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.349		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.118		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	26.365		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.433		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.335		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.567		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.755		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.507		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.317		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.12		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4F35MSD	SDG No.:	BP102824
Lab Sample ID:	P4494-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.2
Sample Wt/Vol:	30.07 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
BP022702.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.314		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.745		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.02		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.478		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91527	7.646				
1146-65-2	Naphthalene-d8	352739	10.404				
15067-26-2	Acenaphthene-d10	283933	14.263				
1517-22-2	Phenanthrene-d10	678465	17.063				
1719-03-5	Chrysene-d12	729044	21.486				
1520-96-3	Perylene-d12	869026	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BP102824
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022703.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.4	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.4	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.4	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.4	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.7	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.7	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.7	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BP102824
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BP022703.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.7	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.4	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.4	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.4	390	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.7	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.7	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.7	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.4	390	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	96.4	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.7	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.7	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BP102824
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022703.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.7	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.647		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	10.402		20-120		26	SPK: -40
4165-62-2	Phenol-d5	15.918		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.631		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.713		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.145		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.195		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.873		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.185		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.254		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.307		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.471		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.713		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	16.782		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BP102824
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BP022703.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.781		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	16.908		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.101		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.046		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92561	7.645				
1146-65-2	Naphthalene-d8	359061	10.404				
15067-26-2	Acenaphthene-d10	287224	14.263				
1517-22-2	Phenanthrene-d10	710308	17.063				
1719-03-5	Chrysene-d12	726340	21.492				
1520-96-3	Perylene-d12	859998	24.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.639	
000057-10-3	n-Hexadecanoic acid	190	J			17.992	
	(DEL) Alkane: Cyclic	79	J			21.174	
E966796	Total Alkanes	79				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BP102824
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022704.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

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	90.9	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.9	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.9	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.9	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.9	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	90.9	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	90.9	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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BP102824
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022704.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

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	90.9	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.9	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	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.9	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	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.9	360	ug/Kg
85-01-8	Phenanthrene	32	U	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	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.8	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BP102824
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BP022704.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.8	190	ug/Kg
218-01-9	Chrysene	34	U	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	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	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	35	U	35	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	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	2.96		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	6.514	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	19.339		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.17		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.988		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.289		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.882		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.977		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.392		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.508		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.658		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.95		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.276		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.711		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BP102824
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BP022704.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.629		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.996		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.859		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.344		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89312	7.646				
1146-65-2	Naphthalene-d8	340369	10.398				
15067-26-2	Acenaphthene-d10	274230	14.257				
1517-22-2	Phenanthrene-d10	677287	17.057				
1719-03-5	Chrysene-d12	720589	21.486				
1520-96-3	Perylene-d12	855493	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.639	
000057-10-3	n-Hexadecanoic acid	130	J			17.986	
	(DEL) Alkane: Straight-Chain	21.169	J			21.169	
E966796	Total Alkanes	75				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BP102824
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022705.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	94	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.4	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.4	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.4	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.4	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.4	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BP102824
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BP022705.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.4	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94	380	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.4	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.4	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.4	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94	380	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	94	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.4	190	ug/Kg
86-74-8	Carbazole	32	U	32	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.4	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BP102824
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022705.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.4	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.289		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	12.422		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.616		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.532		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.644		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.661		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	20.689		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.056		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.635		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.788		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.485		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.774		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.03		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	21.91		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BP102824
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BP022705.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.692		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.803		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.204		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.837		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89531	7.646				
1146-65-2	Naphthalene-d8	351050	10.399				
15067-26-2	Acenaphthene-d10	280644	14.269				
1517-22-2	Phenanthrene-d10	685562	17.069				
1719-03-5	Chrysene-d12	703728	21.48				
1520-96-3	Perylene-d12	843275	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.651	
000057-10-3	n-Hexadecanoic acid	120	J			18.004	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BP102824
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022706.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.3	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.3	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.3	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.3	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.5	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.5	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.5	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.5	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BP102824
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022706.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.5	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.3	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.3	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.5	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.5	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.5	190	ug/Kg
1912-24-9	Atrazine	79	U	79	92.3	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.3	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.5	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.5	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BP102824
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022706.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.5	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.05		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.564		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.785		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.708		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.731		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.309		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	19.039		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.634		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.433		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.263		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.525		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.994		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.069		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.114		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BP102824
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022706.D	1	10/26/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.112		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	19.132		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.201		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.178		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88481	7.645				
1146-65-2	Naphthalene-d8	343745	10.404				
15067-26-2	Acenaphthene-d10	279002	14.263				
1517-22-2	Phenanthrene-d10	666409	17.08				
1719-03-5	Chrysene-d12	734791	21.486				
1520-96-3	Perylene-d12	895291	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.657	
000057-10-3	n-Hexadecanoic acid	110	J			18.004	
E966796	Total Alkanes	27	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F35								
P4494-01	A4F35	Solid	Benzophenone	*	510.000	J		
P4494-01	A4F35	Solid	n-Hexadecanoic acid	*	660.000	J		
P4494-01	A4F35	Solid	Octadecanoic acid	*	310.000	J		
P4494-01	A4F35	Solid	Total Alkanes	*	0.000	67	470	ug/Kg
			Total Tics :	1,480.00				
P4494-01	A4F35	Solid	Benzo(a)anthracene		100.000	J	75	470 ug/Kg
P4494-01	A4F35	Solid	Benzo(a)pyrene		110.000	J	89	470 ug/Kg
P4494-01	A4F35	Solid	Benzo(b)fluoranthene		150.000	J	92	470 ug/Kg
P4494-01	A4F35	Solid	Chrysene		130.000	J	87	470 ug/Kg
P4494-01	A4F35	Solid	Fluoranthene		240.000	J	150	470 ug/Kg
P4494-01	A4F35	Solid	Phenanthrene		130.000	J	81	470 ug/Kg
P4494-01	A4F35	Solid	Pyrene		200.000	J	140	470 ug/Kg
			Total Svoc :	1,060.00				
			Total Concentration:	2,540.00				
Client ID : F7H10								
P4529-01	F7H10	Solid	(DEL) Alkane: Cyclic21.169	*	140.000	J		
P4529-01	F7H10	Solid	Benzophenone	*	220.000	J		
P4529-01	F7H10	Solid	n-Hexadecanoic acid	*	350.000	J		
P4529-01	F7H10	Solid	Octadecanoic acid	*	96.000	J		
P4529-01	F7H10	Solid	Total Alkanes	*	140.000	29	210	ug/Kg
			Total Tics :	946.00				
			Total Concentration:	946.00				
Client ID : F7H11								
P4529-02	F7H11	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J		
P4529-02	F7H11	Solid	Benzophenone	*	440.000	J		
P4529-02	F7H11	Solid	n-Hexadecanoic acid	*	340.000	J		
P4529-02	F7H11	Solid	Octadecanoic acid	*	79.000	J		
P4529-02	F7H11	Solid	Total Alkanes	*	120.000	26	190	ug/Kg
			Total Tics :	1,099.00				
			Total Concentration:	1,099.00				
Client ID : F7H12								
P4529-03	F7H12	Solid	(DEL) Alkane: Straight-Chain21.1	*	160.000	J		
P4529-03	F7H12	Solid	13-Docosenamide, (Z)-	*	190.000	J		
P4529-03	F7H12	Solid	Benzophenone	*	330.000	J		
P4529-03	F7H12	Solid	n-Hexadecanoic acid	*	430.000	J		
P4529-03	F7H12	Solid	Octadecanoic acid	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-03	F7H12	Solid	Total Alkanes	*	160.000	26	190	ug/Kg
Total Tics :					1,380.00			
Total Concentration:					1,380.00			
Client ID : F7H13								
P4529-04	F7H13	Solid	(DEL) Alkane: Cyclic21.169	*	120.000	J		
P4529-04	F7H13	Solid	Benzophenone	*	560.000	J		
P4529-04	F7H13	Solid	n-Hexadecanoic acid	*	380.000	J		
P4529-04	F7H13	Solid	Octadecanoic acid	*	84.000	J		
P4529-04	F7H13	Solid	Total Alkanes	*	120.000	28	200	ug/Kg
Total Tics :					1,264.00			
Total Concentration:					1,264.00			
Client ID : F7H14								
P4529-05	F7H14	Solid	Benzophenone	*	230.000	J		
P4529-05	F7H14	Solid	n-Hexadecanoic acid	*	160.000	J		
P4529-05	F7H14	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					390.00			
P4529-05	F7H14	Solid	Benzo(a)anthracene		72.000	J 30	190	ug/Kg
P4529-05	F7H14	Solid	Benzo(a)pyrene		140.000	J 36	190	ug/Kg
P4529-05	F7H14	Solid	Benzo(b)fluoranthene		270.000	37	190	ug/Kg
P4529-05	F7H14	Solid	Benzo(g,h,i)perylene		47.000	J 29	190	ug/Kg
P4529-05	F7H14	Solid	Benzo(k)fluoranthene		88.000	J 43	190	ug/Kg
P4529-05	F7H14	Solid	Chrysene		120.000	J 35	190	ug/Kg
P4529-05	F7H14	Solid	Fluoranthene		70.000	J 60	190	ug/Kg
P4529-05	F7H14	Solid	Indeno(1,2,3-cd)pyrene		51.000	J 35	190	ug/Kg
P4529-05	F7H14	Solid	Pyrene		310.000	55	190	ug/Kg
Total Svoc :					1,168.00			
Total Concentration:					1,558.00			
Client ID : F7H15								
P4529-06	F7H15	Solid	(DEL) Alkane: Cyclic21.174	*	79.000	J		
P4529-06	F7H15	Solid	Benzophenone	*	140.000	J		
P4529-06	F7H15	Solid	n-Hexadecanoic acid	*	190.000	J		
P4529-06	F7H15	Solid	Total Alkanes	*	79.000	28	200	ug/Kg
Total Tics :					488.00			
Total Concentration:					488.00			
Client ID : F7H24								
P4529-09	F7H24	Solid	Benzophenone	*	300.000	J		
P4529-09	F7H24	Solid	n-Hexadecanoic acid	*	160.000	J		
P4529-09	F7H24	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					460.00			

Hit Summary Sheet SW-846

SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-09	F7H24	Solid	Anthracene	67.000	J	29	200	ug/Kg
P4529-09	F7H24	Solid	Benzo(a)anthracene	52.000	J	31	200	ug/Kg
P4529-09	F7H24	Solid	Benzo(a)pyrene	52.000	J	37	200	ug/Kg
P4529-09	F7H24	Solid	Benzo(b)fluoranthene	110.000	J	38	200	ug/Kg
P4529-09	F7H24	Solid	Chrysene	70.000	J	36	200	ug/Kg
P4529-09	F7H24	Solid	Fluoranthene	73.000	J	62	200	ug/Kg
P4529-09	F7H24	Solid	Pyrene	94.000	J	57	200	ug/Kg
Total Svoc :				518.00				
Total Concentration:				978.00				
Client ID :	F7H26							
P4530-01	F7H26	Solid	Benzophenone	*	310.000	J		
P4530-01	F7H26	Solid	Heptadecyl heptafluorobutyrate	*	88.000	J		
P4530-01	F7H26	Solid	n-Hexadecanoic acid	*	210.000	J		
P4530-01	F7H26	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				608.00				
Total Concentration:				608.00				
Client ID :	F7H27							
P4530-02	F7H27	Solid	(DEL) Alkane: Cyclic21.174	*	81.000	J		
P4530-02	F7H27	Solid	Benzophenone	*	350.000	J		
P4530-02	F7H27	Solid	cis-Vaccenic acid	*	140.000	J		
P4530-02	F7H27	Solid	n-Hexadecanoic acid	*	140.000	J		
P4530-02	F7H27	Solid	Total Alkanes	*	81.000	27	190	ug/Kg
Total Tics :				792.00				
Total Concentration:				792.00				
Client ID :	F7H28							
P4530-04	F7H28	Solid	(DEL) Alkane: Cyclic21.169	*	120.000	J		
P4530-04	F7H28	Solid	Benzophenone	*	430.000	J		
P4530-04	F7H28	Solid	n-Hexadecanoic acid	*	270.000	J		
P4530-04	F7H28	Solid	Octadecanoic acid	*	84.000	J		
P4530-04	F7H28	Solid	Pentanedioic acid, dimethyl ester	*	75.000	J		
P4530-04	F7H28	Solid	Total Alkanes	*	120.000	27	190	ug/Kg
Total Tics :				1,099.00				
Total Concentration:				1,099.00				
Client ID :	F7H29							
P4530-05	F7H29	Solid	Benzophenone	*	340.000	J		
P4530-05	F7H29	Solid	n-Hexadecanoic acid	*	230.000	J		
P4530-05	F7H29	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				570.00				

Hit Summary Sheet
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SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				570.00				
Client ID : F7H30								
P4530-06	F7H30	Solid	Benzophenone	*	470.000	J		
P4530-06	F7H30	Solid	n-Hexadecanoic acid	*	180.000	J		
P4530-06	F7H30	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				650.00				
Total Concentration:				650.00				
Client ID : F7H31								
P4530-07	F7H31	Solid	Benzophenone	*	230.000	J		
P4530-07	F7H31	Solid	n-Hexadecanoic acid	*	170.000	J		
P4530-07	F7H31	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				400.00				
Total Concentration:				400.00				
Client ID : F7H32								
P4530-08	F7H32	Solid	Benzophenone	*	290.000	J		
P4530-08	F7H32	Solid	n-Hexadecanoic acid	*	120.000	J		
P4530-08	F7H32	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				410.00				
Total Concentration:				410.00				
Client ID : F7H33								
P4530-09	F7H33	Solid	Benzophenone	*	290.000	J		
P4530-09	F7H33	Solid	n-Hexadecanoic acid	*	140.000	J		
P4530-09	F7H33	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				430.00				
Total Concentration:				430.00				
Client ID : F7H34								
P4530-10	F7H34	Solid	Benzophenone	*	330.000	J		
P4530-10	F7H34	Solid	n-Hexadecanoic acid	*	190.000	J		
P4530-10	F7H34	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				520.00				
Total Concentration:				520.00				
Client ID : F7H38								
P4530-11	F7H38	Solid	Benzophenone	*	230.000	J		
P4530-11	F7H38	Solid	n-Hexadecanoic acid	*	160.000	J		
P4530-11	F7H38	Solid	Supraene	*	96.000	J		
P4530-11	F7H38	Solid	Total Alkanes	*	0.000	26	190	ug/Kg
Total Tics :				486.00				

Hit Summary Sheet SW-846

SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				486.00				
Client ID : F7H39								
P4530-12	F7H39	Solid	Benzophenone	*	270.000	J		
P4530-12	F7H39	Solid	Caryophyllene	*	380.000	J		
P4530-12	F7H39	Solid	Cinnamyl cinnamate	*	160.000	J		
P4530-12	F7H39	Solid	Dichloroacetic acid, heptadecyl es	*	98.000	J		
P4530-12	F7H39	Solid	n-Hexadecanoic acid	*	260.000	J		
P4530-12	F7H39	Solid	Supraene	*	140.000	J		
P4530-12	F7H39	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				1,308.00				
P4530-12	F7H39	Solid	Anthracene		41.000	J 29	200	ug/Kg
P4530-12	F7H39	Solid	Benzo(a)anthracene		77.000	J 32	200	ug/Kg
P4530-12	F7H39	Solid	Benzo(a)pyrene		70.000	J 37	200	ug/Kg
P4530-12	F7H39	Solid	Benzo(b)fluoranthene		130.000	J 39	200	ug/Kg
P4530-12	F7H39	Solid	Benzo(g,h,i)perylene		43.000	J 30	200	ug/Kg
P4530-12	F7H39	Solid	Benzo(k)fluoranthene		45.000	J 44	200	ug/Kg
P4530-12	F7H39	Solid	Chrysene		94.000	J 36	200	ug/Kg
P4530-12	F7H39	Solid	Fluoranthene		110.000	J 63	200	ug/Kg
P4530-12	F7H39	Solid	Pyrene		130.000	J 57	200	ug/Kg
Total Svoc :				740.00				
Total Concentration:				2,048.00				
Client ID : F7H40								
P4530-13	F7H40	Solid	9-Octadecenoic acid, (E)-	*	130.000	J		
P4530-13	F7H40	Solid	Benzophenone	*	420.000	J		
P4530-13	F7H40	Solid	n-Hexadecanoic acid	*	180.000	J		
P4530-13	F7H40	Solid	Squalene	*	130.000	J		
P4530-13	F7H40	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				860.00				
Total Concentration:				860.00				
Client ID : F7H41								
P4530-14	F7H41	Solid	(DEL) Alkane: Straight-Chain21.1	*	75.000	J		
P4530-14	F7H41	Solid	Benzophenone	*	170.000	J		
P4530-14	F7H41	Solid	n-Hexadecanoic acid	*	130.000	J		
P4530-14	F7H41	Solid	Total Alkanes	*	75.000	26	190	ug/Kg
Total Tics :				450.00				
Total Concentration:				450.00				
Client ID : F7H42								
P4530-15	F7H42	Solid	(DEL) Alkane: Straight-Chain21.1	*	88.000	J		
P4530-15	F7H42	Solid	Benzophenone	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BP102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4530-15	F7H42	Solid	Cinnamyl cinnamate	*	200.000	J		
P4530-15	F7H42	Solid	n-Hexadecanoic acid	*	240.000	J		
P4530-15	F7H42	Solid	Octadecanoic acid	*	100.000	J		
P4530-15	F7H42	Solid	Total Alkanes	*	88.000	27	190	ug/Kg
Total Tics :					926.00			
Total Concentration:					926.00			
Client ID : F7H43								
P4530-16	F7H43	Solid	Benzophenone	*	220.000	J		
P4530-16	F7H43	Solid	n-Hexadecanoic acid	*	120.000	J		
P4530-16	F7H43	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					340.00			
Total Concentration:					340.00			
Client ID : F7H44								
P4530-17	F7H44	Solid	Benzophenone	*	190.000	J		
P4530-17	F7H44	Solid	n-Hexadecanoic acid	*	110.000	J		
P4530-17	F7H44	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					300.00			
Total Concentration:					300.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

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

Calibration Time(s): 16:41 : _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

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.: BP100724 SAS No.: BP100724 SDG No.: BP100724

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

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis(1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo(a)anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis(2-ethylhexyl)phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo(b)fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo(k)fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo(a)pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno(1,2,3-cd)pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo(a,h)anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo(g,h,i)perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

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.: BP100724 SAS No.: BP100724 SDG No.: BP100724
Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____
Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D	
		RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:37

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	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK389	105105	7.65	387610	10.40	313171	14.26
02	F7H10	65984	7.65	250473	10.40	196682	14.26
03	F7H11	70334	7.65	259853	10.40	207486	14.26
04	F7H14	70376	7.65	265622	10.40	210327	14.26
05	F7H24	76030	7.65	275277	10.41	216569	14.27
06	F7H12	84697	7.65	316412	10.40	248403	14.26
07	F7H13	68784	7.65	257448	10.40	201051	14.26
08	SBLK433	78029	7.65	296371	10.40	237304	14.26
09	F7H26	75424	7.65	288821	10.41	228503	14.26
10	F7H27	62729	7.64	236184	10.40	186051	14.26
11	F7H28	81073	7.65	302293	10.40	236826	14.26
12	F7H29	68746	7.65	254637	10.40	205138	14.26
13	F7H30	77276	7.65	290297	10.40	231297	14.27
14	F7H31	70612	7.65	253863	10.40	204152	14.26
15	F7H32	71796	7.65	271414	10.40	215500	14.26
16	F7H33	66817	7.65	246291	10.40	198640	14.27
17	F7H34	75806	7.65	275505	10.40	207613	14.26
18	F7H38	82723	7.65	309677	10.40	250282	14.28
19	F7H39	81874	7.65	300401	10.41	236256	14.27
20	F7H40	78533	7.65	290062	10.41	228461	14.26
21	F7H42	68254	7.64	253169	10.40	200720	14.27
22	SLCS389	96897	7.65	380247	10.40	320039	14.27
23	SBLK432	73245	7.65	272770	10.40	221180	14.26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 05:04

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	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						
24 A4F35	65678	7.65	253751	10.40	198122	14.26
25 A4F35MS	93831	7.65	376549	10.40	301780	14.26
26 A4F35MSD	91527	7.65	352739	10.40	283933	14.26
27 F7H15	92561	7.65	359061	10.40	287224	14.26
28 F7H41	89312	7.65	340369	10.40	274230	14.26
29 F7H43	89531	7.65	351050	10.40	280644	14.27
30 F7H44	88481	7.65	343745	10.40	279002	14.26

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020682 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022674.D Time Analyzed: 11:37

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	69252	7.622	269667	10.38	219033	14.25
UPPER LIMIT	138504	8.122	539334	10.881	438066	14.751
LOWER LIMIT	34626	7.122	134833.5	9.881	109516.5	13.751
EPA SAMPLE NO.						
01 SBLK389	105105	7.65	387610	10.40	313171	14.26
02 F7H10	65984	7.65	250473	10.40	196682	14.26
03 F7H11	70334	7.65	259853	10.40	207486	14.26
04 F7H14	70376	7.65	265622	10.40	210327	14.26
05 F7H24	76030	7.65	275277	10.41	216569	14.27
06 F7H12	84697	7.65	316412	10.40	248403	14.26
07 F7H13	68784	7.65	257448	10.40	201051	14.26

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020683 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022682.D Time Analyzed: 16:59

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	68907	7.64	270746	10.40	222830	14.26
UPPER LIMIT	137814	8.14	541492	10.904	445660	14.763
LOWER LIMIT	34453.5	7.14	135373	9.904	111415	13.763
EPA SAMPLE NO.						
01 SBLK433	78029	7.65	296371	10.40	237304	14.26
02 F7H26	75424	7.65	288821	10.41	228503	14.26
03 F7H27	62729	7.64	236184	10.40	186051	14.26
04 F7H28	81073	7.65	302293	10.40	236826	14.26
05 F7H29	68746	7.65	254637	10.40	205138	14.26
06 F7H30	77276	7.65	290297	10.40	231297	14.27
07 F7H31	70612	7.65	253863	10.40	204152	14.26
08 F7H32	71796	7.65	271414	10.40	215500	14.26
09 F7H33	66817	7.65	246291	10.40	198640	14.27
10 F7H34	75806	7.65	275505	10.40	207613	14.26
11 F7H38	82723	7.65	309677	10.40	250282	14.28
12 F7H39	81874	7.65	300401	10.41	236256	14.27
13 F7H40	78533	7.65	290062	10.41	228461	14.26
14 F7H42	68254	7.64	253169	10.40	200720	14.27
15 SLCS389	96897	7.65	380247	10.40	320039	14.27

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020684 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BP022698.D Time Analyzed: 04:24

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	74355	7.646	293296	10.40	239634	14.26
UPPER LIMIT	148710	8.146	586592	10.899	479268	14.763
LOWER LIMIT	37177.5	7.146	146648	9.899	119817	13.763
EPA SAMPLE NO.						
01 SBLK432	73245	7.65	272770	10.40	221180	14.26
02 A4F35	65678	7.65	253751	10.40	198122	14.26
03 A4F35MS	93831	7.65	376549	10.40	301780	14.26
04 A4F35MSD	91527	7.65	352739	10.40	283933	14.26
05 F7H15	92561	7.65	359061	10.40	287224	14.26
06 F7H41	89312	7.65	340369	10.40	274230	14.26
07 F7H43	89531	7.65	351050	10.40	280644	14.27
08 F7H44	88481	7.65	343745	10.40	279002	14.26

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:37

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	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK389	769497	17.06	903387	21.49	1.05488e+	24.75
02	F7H10	501329	17.06	591649	21.49	741985	24.75
03	F7H11	508573	17.06	595137	21.50	727733	24.76
04	F7H14	530322	17.06	609768	21.50	779817	24.76
05	F7H24	536483	17.07	606456	21.49	752644	24.76
06	F7H12	620095	17.06	669373	21.50	782143	24.76
07	F7H13	495894	17.05	586557	21.49	719966	24.76
08	SBLK433	579586	17.06	637779	21.51	740854	24.76
09	F7H26	572569	17.06	645765	21.49	775973	24.75
10	F7H27	468973	17.06	522620	21.50	660606	24.75
11	F7H28	595151	17.06	662156	21.49	793800	24.74
12	F7H29	520799	17.06	616761	21.50	743851	24.75
13	F7H30	575353	17.06	672221	21.50	820479	24.75
14	F7H31	504880	17.06	597975	21.50	735438	24.75
15	F7H32	542883	17.06	604496	21.50	752718	24.76
16	F7H33	499462	17.08	579251	21.50	733358	24.75
17	F7H34	521367	17.07	608415	21.49	762706	24.75
18	F7H38	605919	17.06	664220	21.50	792870	24.76
19	F7H39	581093	17.06	718944	21.50	907873	24.76
20	F7H40	574139	17.06	681721	21.49	841114	24.74
21	F7H42	510153	17.06	590732	21.48	722033	24.72

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 02:24

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	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						
22 SLCS389	790381	17.06	869771	21.50	992869	24.75
23 SBLK432	540097	17.06	574927	21.49	679946	24.74
24 A4F35	480390	17.06	585516	21.49	776156	24.75
25 A4F35MS	721986	17.08	738186	21.48	864781	24.73
26 A4F35MSD	678465	17.06	729044	21.49	869026	24.74
27 F7H15	710308	17.06	726340	21.49	859998	24.76
28 F7H41	677287	17.06	720589	21.49	855493	24.76
29 F7H43	685562	17.07	703728	21.48	843275	24.72
30 F7H44	666409	17.08	734791	21.49	895291	24.75

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020682 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022674.D Time Analyzed: 11:37

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	580108	17.051	670637	21.504	771670	24.756
UPPER LIMIT	1160216	17.551	1341274	22.004	1543340	25.256
LOWER LIMIT	290054	16.551	335318.5	21.004	385835	24.256
EPA SAMPLE NO.						
01 SBLK389	769497	17.06	903387	21.49	1.05488e+	24.75
02 F7H10	501329	17.06	591649	21.49	741985	24.75
03 F7H11	508573	17.06	595137	21.50	727733	24.76
04 F7H14	530322	17.06	609768	21.50	779817	24.76
05 F7H24	536483	17.07	606456	21.49	752644	24.76
06 F7H12	620095	17.06	669373	21.50	782143	24.76
07 F7H13	495894	17.05	586557	21.49	719966	24.76

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020683 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BP022682.D Time Analyzed: 16:59

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	563264	17.069	634833	21.492	778080	24.751
	UPPER LIMIT	1126528	17.569	1269666	21.992	1556160	25.251
	LOWER LIMIT	281632	16.569	317416.5	20.992	389040	24.251
	EPA SAMPLE NO.						
01	SBLK433	579586	17.06	637779	21.51	740854	24.76
02	F7H26	572569	17.06	645765	21.49	775973	24.75
03	F7H27	468973	17.06	522620	21.50	660606	24.75
04	F7H28	595151	17.06	662156	21.49	793800	24.74
05	F7H29	520799	17.06	616761	21.50	743851	24.75
06	F7H30	575353	17.06	672221	21.50	820479	24.75
07	F7H31	504880	17.06	597975	21.50	735438	24.75
08	F7H32	542883	17.06	604496	21.50	752718	24.76
09	F7H33	499462	17.08	579251	21.50	733358	24.75
10	F7H34	521367	17.07	608415	21.49	762706	24.75
11	F7H38	605919	17.06	664220	21.50	792870	24.76
12	F7H39	581093	17.06	718944	21.50	907873	24.76
13	F7H40	574139	17.06	681721	21.49	841114	24.74
14	F7H42	510153	17.06	590732	21.48	722033	24.72
15	SLCS389	790381	17.06	869771	21.50	992869	24.75

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020683 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BP022682.D Time Analyzed: 02:24

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	563264	17.069	634833	21.492	778080	24.751
UPPER LIMIT	1126528	17.569	1269666	21.992	1556160	25.251
LOWER LIMIT	281632	16.569	317416.5	20.992	389040	24.251
EPA SAMPLE NO.						

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.: BP102824 SAS No.: BP102824 SDG NO.: BP102824

EPA Sample No.: SSTD020684 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BP022698.D Time Analyzed: 04:24

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	602229	17.063	692688	21.48	822688	24.733
UPPER LIMIT	1204458	17.563	1385376	21.98	1645376	25.233
LOWER LIMIT	301114.5	16.563	346344	20.98	411344	24.233
EPA SAMPLE NO.						
01 SBLK432	540097	17.06	574927	21.49	679946	24.74
02 A4F35	480390	17.06	585516	21.49	776156	24.75
03 A4F35MS	721986	17.08	738186	21.48	864781	24.73
04 A4F35MSD	678465	17.06	729044	21.49	869026	24.74
05 F7H15	710308	17.06	726340	21.49	859998	24.76
06 F7H41	677287	17.06	720589	21.49	855493	24.76
07 F7H43	685562	17.07	703728	21.48	843275	24.72
08 F7H44	666409	17.08	734791	21.49	895291	24.75

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164389BS	1,4-Dioxane	530	280	ug/Kg	53				0	0	
	Benzaldehyde	1300	170	ug/Kg	13				0	0	
	Pyridine	1300	750	ug/Kg	58				0	0	
	Phenol	1300	810	ug/Kg	62				0	0	
	Bis(2-chloroethyl)ether	1300	780	ug/Kg	60				0	0	
	2-Chlorophenol	1300	840	ug/Kg	65				0	0	
	2-Methylphenol	1300	810	ug/Kg	62				0	0	
	2,2-oxybis(1-Chloropropane)	1300	760	ug/Kg	58				0	0	
	Acetophenone	1300	770	ug/Kg	59				0	0	
	4-Methylphenol	1300	810	ug/Kg	62				0	0	
	N-Nitroso-di-n-propylamine	1300	810	ug/Kg	62				0	0	
	Hexachloroethane	1300	790	ug/Kg	61				0	0	
	Nitrobenzene	1300	770	ug/Kg	59				0	0	
	Isophorone	1300	790	ug/Kg	61				0	0	
	2-Nitrophenol	1300	810	ug/Kg	62				0	0	
	2,4-Dimethylphenol	1300	760	ug/Kg	58				0	0	
	Bis(2-chloroethoxy)methane	1300	770	ug/Kg	59				0	0	
	2,4-Dichlorophenol	1300	860	ug/Kg	66				0	0	
	Naphthalene	1300	780	ug/Kg	60				0	0	
	4-Chloroaniline	1300	430	ug/Kg	33				0	0	
	Hexachlorobutadiene	1300	810	ug/Kg	62				0	0	
	Caprolactam	1300	770	ug/Kg	59				0	0	
	4-Chloro-3-methylphenol	1300	860	ug/Kg	66				0	0	
	1-Methylnaphthalene	1300	790	ug/Kg	61				0	0	
	2-Methylnaphthalene	1300	810	ug/Kg	62				0	0	
	Hexachlorocyclopentadiene	1300	530	ug/Kg	41				0	0	
	2,4,6-Trichlorophenol	1300	810	ug/Kg	62				0	0	
	2,4,5-Trichlorophenol	1300	810	ug/Kg	62				0	0	
	1,1'-Biphenyl	1300	770	ug/Kg	59				0	0	
	2-Chloronaphthalene	1300	760	ug/Kg	58				0	0	
	2-Nitroaniline	1300	790	ug/Kg	61				0	0	
	Dimethylphthalate	1300	770	ug/Kg	59				0	0	
	2,6-Dinitrotoluene	1300	840	ug/Kg	65				0	0	
	Acenaphthylene	1300	760	ug/Kg	58				0	0	
	3-Nitroaniline	1300	760	ug/Kg	58				0	0	
	Acenaphthene	1300	770	ug/Kg	59				0	0	
	2,4-Dinitrophenol	1300	780	ug/Kg	60				0	0	
	4-Nitrophenol	1300	790	ug/Kg	61				0	0	
	Dibenzofuran	1300	790	ug/Kg	61				0	0	
	2,4-Dinitrotoluene	1300	850	ug/Kg	65				0	0	
	Diethylphthalate	1300	800	ug/Kg	62				0	0	
	Fluorene	1300	790	ug/Kg	61				0	0	
	4-Chlorophenyl-phenylether	1300	800	ug/Kg	62				0	0	
	4-Nitroaniline	1300	880	ug/Kg	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164389BS	4,6-Dinitro-2-methylphenol	1300	790	ug/Kg	61				0	0	
	N-Nitrosodiphenylamine	1300	790	ug/Kg	61				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	770	ug/Kg	59				0	0	
	4-Bromophenyl-phenylether	1300	820	ug/Kg	63				0	0	
	Hexachlorobenzene	1300	840	ug/Kg	65				0	0	
	Atrazine	1300	850	ug/Kg	65				0	0	
	Pentachlorophenol	1300	810	ug/Kg	62				0	0	
	Phenanthrene	1300	790	ug/Kg	61				0	0	
	Pentachlorobenzene	1300	770	ug/Kg	59				0	0	
	Anthracene	1300	780	ug/Kg	60				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	750	ug/Kg	58				0	0	
	Carbazole	1300	780	ug/Kg	60				0	0	
	Di-n-butylphthalate	1300	830	ug/Kg	64				0	0	
	Fluoranthene	1300	810	ug/Kg	62				0	0	
	Pyrene	1300	810	ug/Kg	62				0	0	
	Butylbenzylphthalate	1300	810	ug/Kg	62				0	0	
	3,3'-Dichlorobenzidine	1300	820	ug/Kg	63				0	0	
	Benzo(a)anthracene	1300	790	ug/Kg	61				0	0	
	Chrysene	1300	790	ug/Kg	61				0	0	
	Bis(2-ethylhexyl)phthalate	1300	800	ug/Kg	62				0	0	
	Di-n-octylphthalate	1300	810	ug/Kg	62				0	0	
	Benzo(b)fluoranthene	1300	810	ug/Kg	62				0	0	
	Benzo(k)fluoranthene	1300	820	ug/Kg	63				0	0	
	Benzo(a)pyrene	1300	800	ug/Kg	62				0	0	
	Indeno(1,2,3-cd)pyrene	1300	780	ug/Kg	60				0	0	
	Dibenzo(a,h)anthracene	1300	770	ug/Kg	59				0	0	
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0	
	2,3,4,6-Tetrachlorophenol	1300	830	ug/Kg	64				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102824

SAS No.: BP102824 SDG NO.: BP102824

Lab File ID: BP022675.D

Lab Sample ID: PB164389BL

Instrument ID: BNA_P

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H10	P4529-01	BP022676.D	10/28/2024
F7H11	P4529-02	BP022677.D	10/28/2024
F7H14	P4529-05	BP022678.D	10/28/2024
F7H24	P4529-09	BP022679.D	10/28/2024
F7H12	P4529-03	BP022680.D	10/28/2024
F7H13	P4529-04	BP022681.D	10/28/2024
PB164389BS	PB164389BS	BP022697.D	10/29/2024
F7H15	P4529-06	BP022703.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK432

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102824

SAS No.: BP102824 SDG NO.: BP102824

Lab File ID: BP022699.D

Lab Sample ID: PB164432BL

Instrument ID: BNA_P

Date Extracted: 10/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 04:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F35	P4494-01	BP022700.D	10/29/2024
A4F35MS	P4494-02MS	BP022701.D	10/29/2024
A4F35MSD	P4494-03MSD	BP022702.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK433

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102824

SAS No.: BP102824 SDG NO.: BP102824

Lab File ID: BP022683.D

Lab Sample ID: PB164433BL

Instrument ID: BNA_P

Date Extracted: 10/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 16:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H26	P4530-01	BP022684.D	10/28/2024
F7H27	P4530-02	BP022685.D	10/28/2024
F7H28	P4530-04	BP022686.D	10/28/2024
F7H29	P4530-05	BP022687.D	10/28/2024
F7H30	P4530-06	BP022688.D	10/28/2024
F7H31	P4530-07	BP022689.D	10/28/2024
F7H32	P4530-08	BP022690.D	10/28/2024
F7H33	P4530-09	BP022691.D	10/28/2024
F7H34	P4530-10	BP022692.D	10/28/2024
F7H38	P4530-11	BP022693.D	10/28/2024
F7H39	P4530-12	BP022694.D	10/29/2024
F7H40	P4530-13	BP022695.D	10/29/2024
F7H42	P4530-15	BP022696.D	10/29/2024
F7H41	P4530-14	BP022704.D	10/29/2024
F7H43	P4530-16	BP022705.D	10/29/2024
F7H44	P4530-17	BP022706.D	10/29/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4494-02MS	Client Sample ID:	A4F35MS				DataFile:	BP022701.D			
1,4-Dioxane	1500		1100	ug/Kg	73				15	120	
Benzaldehyde	3700		500	ug/Kg	14				0	0	
Pyridine	3700		2900	ug/Kg	78				0	0	
Phenol	3700		3400	ug/Kg	92	*			26	90	
Bis(2-chloroethyl)ether	3700		3200	ug/Kg	86				0	0	
2-Chlorophenol	3700		3400	ug/Kg	92				25	102	
2-Methylphenol	3700		3400	ug/Kg	92				0	0	
2,2-oxybis(1-Chloropropane)	3700		3200	ug/Kg	86				0	0	
Acetophenone	3700		3200	ug/Kg	86				0	0	
4-Methylphenol	3700		3400	ug/Kg	92				0	0	
N-Nitroso-di-n-propylamine	3700		3300	ug/Kg	89				41	126	
Hexachloroethane	3700		3300	ug/Kg	89				0	0	
Nitrobenzene	3700		3100	ug/Kg	84				0	0	
Isophorone	3700		3200	ug/Kg	86				0	0	
2-Nitrophenol	3700		3300	ug/Kg	89				0	0	
2,4-Dimethylphenol	3700		3400	ug/Kg	92				0	0	
Bis(2-chloroethoxy)methane	3700		3200	ug/Kg	86				0	0	
2,4-Dichlorophenol	3700		3500	ug/Kg	95				0	0	
Naphthalene	3700		3200	ug/Kg	86				0	0	
4-Chloroaniline	3700		2000	ug/Kg	54				0	0	
Hexachlorobutadiene	3700		3300	ug/Kg	89				0	0	
Caprolactam	3700		3000	ug/Kg	81				0	0	
4-Chloro-3-methylphenol	3700		3500	ug/Kg	95				26	103	
1-Methylnaphthalene	3700		3200	ug/Kg	86				0	0	
2-Methylnaphthalene	3700		3300	ug/Kg	89				0	0	
Hexachlorocyclopentadiene	3700		2300	ug/Kg	62				0	0	
2,4,6-Trichlorophenol	3700		3500	ug/Kg	95				0	0	
2,4,5-Trichlorophenol	3700		3500	ug/Kg	95				0	0	
1,1'-Biphenyl	3700		3200	ug/Kg	86				0	0	
2-Chloronaphthalene	3700		3200	ug/Kg	86				0	0	
2-Nitroaniline	3700		3200	ug/Kg	86				0	0	
Dimethylphthalate	3700		3100	ug/Kg	84				0	0	
2,6-Dinitrotoluene	3700		3500	ug/Kg	95				0	0	
Acenaphthylene	3700		3200	ug/Kg	86				0	0	
3-Nitroaniline	3700		3100	ug/Kg	84				0	0	
Acenaphthene	3700		3200	ug/Kg	86				31	137	
2,4-Dinitrophenol	3700		2900	ug/Kg	78				0	0	
4-Nitrophenol	3700		3200	ug/Kg	86				11	114	
Dibenzofuran	3700		3200	ug/Kg	86				0	0	
2,4-Dinitrotoluene	3700		3300	ug/Kg	89				28	89	
Diethylphthalate	3700		3300	ug/Kg	89				0	0	
Fluorene	3700		3300	ug/Kg	89				0	0	
4-Chlorophenyl-phenylether	3700		3300	ug/Kg	89				0	0	
4-Nitroaniline	3700		3600	ug/Kg	97				0	0	
4,6-Dinitro-2-methylphenol	3700		3000	ug/Kg	81				0	0	
N-Nitrosodiphenylamine	3700		3300	ug/Kg	89				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102824

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	3700		3300	ug/Kg	89				0	0	
4-Bromophenyl-phenylether	3700		3500	ug/Kg	95				0	0	
Hexachlorobenzene	3700		3500	ug/Kg	95				0	0	
Atrazine	3700		3500	ug/Kg	95				0	0	
Pentachlorophenol	3700		3400	ug/Kg	92				17	109	
Phenanthrene	3700	130	3400	ug/Kg	88				0	0	
Pentachlorobenzene	3700		3300	ug/Kg	89				0	0	
Anthracene	3700		3300	ug/Kg	89				0	0	
1,2,3,4-Tetrachlorobenzene	3700		3300	ug/Kg	89				0	0	
Carbazole	3700		3200	ug/Kg	86				0	0	
Di-n-butylphthalate	3700		3400	ug/Kg	92				0	0	
Fluoranthene	3700	240	3800	ug/Kg	96				0	0	
Pyrene	3700	200	3700	ug/Kg	95				35	142	
Butylbenzylphthalate	3700		3500	ug/Kg	95				0	0	
3,3'-Dichlorobenzidine	3700		2300	ug/Kg	62				0	0	
Benzo(a)anthracene	3700	100	3400	ug/Kg	89				0	0	
Chrysene	3700	130	3400	ug/Kg	88				0	0	
Bis(2-ethylhexyl)phthalate	3700		3500	ug/Kg	95				0	0	
Di-n-octylphthalate	3700		3300	ug/Kg	89				0	0	
Benzo(b)fluoranthene	3700	150	3500	ug/Kg	91				0	0	
Benzo(k)fluoranthene	3700		3300	ug/Kg	89				0	0	
Benzo(a)pyrene	3700	110	3300	ug/Kg	86				0	0	
Indeno(1,2,3-cd)pyrene	3700		3400	ug/Kg	92				0	0	
Dibenzo(a,h)anthracene	3700		3300	ug/Kg	89				0	0	
Benzo(g,h,i)perylene	3700		3300	ug/Kg	89				0	0	
2,3,4,6-Tetrachlorophenol	3700		3400	ug/Kg	92				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4494-03MSD	Client Sample ID:	A4F35MSD					DataFile:	BP022702.D		
1,4-Dioxane	1500		1000	ug/Kg	67	9			15	120	50
Benzaldehyde	3700		480	ug/Kg	13	7	*		0	0	0
Pyridine	3700		2900	ug/Kg	78	0			0	0	0
Phenol	3700		3300	ug/Kg	89	3			26	90	35
Bis(2-chloroethyl)ether	3700		3100	ug/Kg	84	2	*		0	0	0
2-Chlorophenol	3700		3300	ug/Kg	89	3			25	102	50
2-Methylphenol	3700		3300	ug/Kg	89	3	*		0	0	0
2,2-oxybis(1-Chloropropane)	3700		3000	ug/Kg	81	6	*		0	0	0
Acetophenone	3700		3000	ug/Kg	81	6	*		0	0	0
4-Methylphenol	3700		3200	ug/Kg	86	7	*		0	0	0
N-Nitroso-di-n-propylamine	3700		3000	ug/Kg	81	9			41	126	38
Hexachloroethane	3700		3200	ug/Kg	86	3	*		0	0	0
Nitrobenzene	3700		3100	ug/Kg	84	0			0	0	0
Isophorone	3700		3100	ug/Kg	84	2	*		0	0	0
2-Nitrophenol	3700		3400	ug/Kg	92	3	*		0	0	0
2,4-Dimethylphenol	3700		3400	ug/Kg	92	0			0	0	0
Bis(2-chloroethoxy)methane	3700		3100	ug/Kg	84	2	*		0	0	0
2,4-Dichlorophenol	3700		3400	ug/Kg	92	3	*		0	0	0
Naphthalene	3700		3200	ug/Kg	86	0			0	0	0
4-Chloroaniline	3700		2300	ug/Kg	62	14	*		0	0	0
Hexachlorobutadiene	3700		3300	ug/Kg	89	0			0	0	0
Caprolactam	3700		3100	ug/Kg	84	4	*		0	0	0
4-Chloro-3-methylphenol	3700		3400	ug/Kg	92	3			26	103	33
1-Methylnaphthalene	3700		3100	ug/Kg	84	2	*		0	0	0
2-Methylnaphthalene	3700		3300	ug/Kg	89	0			0	0	0
Hexachlorocyclopentadiene	3700		2000	ug/Kg	54	14	*		0	0	0
2,4,6-Trichlorophenol	3700		3300	ug/Kg	89	7	*		0	0	0
2,4,5-Trichlorophenol	3700		3400	ug/Kg	92	3	*		0	0	0
1,1'-Biphenyl	3700		3100	ug/Kg	84	2	*		0	0	0
2-Chloronaphthalene	3700		3100	ug/Kg	84	2	*		0	0	0
2-Nitroaniline	3700		3100	ug/Kg	84	2	*		0	0	0
Dimethylphthalate	3700		3000	ug/Kg	81	4	*		0	0	0
2,6-Dinitrotoluene	3700		3400	ug/Kg	92	3	*		0	0	0
Acenaphthylene	3700		3100	ug/Kg	84	2	*		0	0	0
3-Nitroaniline	3700		3100	ug/Kg	84	0			0	0	0
Acenaphthene	3700		3200	ug/Kg	86	0			31	137	19
2,4-Dinitrophenol	3700		2600	ug/Kg	70	11	*		0	0	0
4-Nitrophenol	3700		3000	ug/Kg	81	6			11	114	50
Dibenzofuran	3700		3200	ug/Kg	86	0			0	0	0
2,4-Dinitrotoluene	3700		3300	ug/Kg	89	0			28	89	47
Diethylphthalate	3700		3100	ug/Kg	84	6	*		0	0	0
Fluorene	3700		3200	ug/Kg	86	3	*		0	0	0
4-Chlorophenyl-phenylether	3700		3200	ug/Kg	86	3	*		0	0	0
4-Nitroaniline	3700		3500	ug/Kg	95	2	*		0	0	0
4,6-Dinitro-2-methylphenol	3700		2700	ug/Kg	73	10	*		0	0	0
N-Nitrosodiphenylamine	3700		3200	ug/Kg	86	3	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102824

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	3700		3200	ug/Kg	86	3	*		0	0	0
4-Bromophenyl-phenylether	3700		3300	ug/Kg	89	7	*		0	0	0
Hexachlorobenzene	3700		3300	ug/Kg	89	7	*		0	0	0
Atrazine	3700		3400	ug/Kg	92	3	*		0	0	0
Pentachlorophenol	3700		3300	ug/Kg	89	3			17	109	47
Phenanthrene	3700	130	3300	ug/Kg	86	2	*		0	0	0
Pentachlorobenzene	3700		3100	ug/Kg	84	6	*		0	0	0
Anthracene	3700		3100	ug/Kg	84	6	*		0	0	0
1,2,3,4-Tetrachlorobenzene	3700		3200	ug/Kg	86	3	*		0	0	0
Carbazole	3700		3100	ug/Kg	84	2	*		0	0	0
Di-n-butylphthalate	3700		3200	ug/Kg	86	7	*		0	0	0
Fluoranthene	3700	240	3500	ug/Kg	88	9	*		0	0	0
Pyrene	3700	200	3400	ug/Kg	86	10			35	142	36
Butylbenzylphthalate	3700		3200	ug/Kg	86	10	*		0	0	0
3,3'-Dichlorobenzidine	3700		2200	ug/Kg	59	5	*		0	0	0
Benzo(a)anthracene	3700	100	3200	ug/Kg	84	6	*		0	0	0
Chrysene	3700	130	3200	ug/Kg	83	6	*		0	0	0
Bis(2-ethylhexyl)phthalate	3700		3200	ug/Kg	86	10	*		0	0	0
Di-n-octylphthalate	3700		3100	ug/Kg	84	6	*		0	0	0
Benzo(b)fluoranthene	3700	150	3400	ug/Kg	88	3	*		0	0	0
Benzo(k)fluoranthene	3700		3200	ug/Kg	86	3	*		0	0	0
Benzo(a)pyrene	3700	110	3300	ug/Kg	86	0			0	0	0
Indeno(1,2,3-cd)pyrene	3700		3300	ug/Kg	89	3	*		0	0	0
Dibenzo(a,h)anthracene	3700		3200	ug/Kg	86	3	*		0	0	0
Benzo(g,h,i)perylene	3700		3300	ug/Kg	89	0			0	0	0
2,3,4,6-Tetrachlorophenol	3700		3400	ug/Kg	92	0			0	0	0

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-01	F7H10	BP022676.D	1,4-Dioxane-d8	8	5.61	70		15	120
			Pyridine-d5	40	24.28	61		20	120
			Phenol-d5	40	28.80	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.42	74		10	150
			2-Chlorophenol-d4	40	30.28	76		15	120
			4-Methylphenol-d8	40	29.41	74		10	140
			Nitrobenzene-d5	40	31.10	78		10	135
			2-Nitrophenol-d4	40	32.61	82		10	120
			2,4-Dichlorophenol-d3	40	29.86	75		10	140
			4-Chloroaniline-d4	40	29.37	73		1	145
			Dimethylphthalate-d6	40	33.94	85		10	145
			Acenaphthylene-d8	40	32.33	81		15	120
			4-Nitrophenol-d4	40	25.16	63		10	150
			Fluorene-d10	40	33.98	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.83	65		10	130
			Anthracene-d10	40	33.34	83		10	150
			Pyrene-d10	40	32.68	82		10	130
			Benzo(a)pyrene-d12	40	33.91	85		10	140
P4529-02	F7H11	BP022677.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	25.83	65		20	120
			Phenol-d5	40	27.65	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.50	71		10	150
			2-Chlorophenol-d4	40	28.75	72		15	120
			4-Methylphenol-d8	40	29.63	74		10	140
			Nitrobenzene-d5	40	30.94	77		10	135
			2-Nitrophenol-d4	40	32.88	82		10	120
			2,4-Dichlorophenol-d3	40	30.52	76		10	140
			4-Chloroaniline-d4	40	29.85	75		1	145
			Dimethylphthalate-d6	40	34.83	87		10	145
			Acenaphthylene-d8	40	32.97	82		15	120
			4-Nitrophenol-d4	40	25.02	63		10	150
			Fluorene-d10	40	35.00	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.19	65		10	130
			Anthracene-d10	40	36.75	92		10	150
			Pyrene-d10	40	34.58	86		10	130
			Benzo(a)pyrene-d12	40	35.85	90		10	140
P4529-03	F7H12	BP022680.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Pyridine-d5	40	28.41	71		20	120
			Phenol-d5	40	31.44	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.22	78		10	150
			2-Chlorophenol-d4	40	32.37	81		15	120
			4-Methylphenol-d8	40	32.85	82		10	140
			Nitrobenzene-d5	40	34.90	87		10	135
			2-Nitrophenol-d4	40	36.25	91		10	120
			2,4-Dichlorophenol-d3	40	34.47	86		10	140
			4-Chloroaniline-d4	40	32.58	81		1	145
			Dimethylphthalate-d6	40	38.40	96		10	145
			Acenaphthylene-d8	40	36.41	91		15	120
			4-Nitrophenol-d4	40	28.07	70		10	150

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-03	F7H12	BP022680.D	Fluorene-d10	40	37.74	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.13	70		10	130
			Anthracene-d10	40	37.64	94		10	150
			Pyrene-d10	40	38.42	96		10	130
			Benzo(a)pyrene-d12	40	38.79	97		10	140
P4529-04	F7H13	BP022681.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	32.14	80		20	120
			Phenol-d5	40	33.30	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.79	84		10	150
			2-Chlorophenol-d4	40	35.69	89		15	120
			4-Methylphenol-d8	40	34.41	86		10	140
			Nitrobenzene-d5	40	36.46	91		10	135
			2-Nitrophenol-d4	40	37.83	95		10	120
			2,4-Dichlorophenol-d3	40	34.60	87		10	140
			4-Chloroaniline-d4	40	33.91	85		1	145
			Dimethylphthalate-d6	40	36.74	92		10	145
			Acenaphthylene-d8	40	36.44	91		15	120
			4-Nitrophenol-d4	40	26.65	67		10	150
			Fluorene-d10	40	36.42	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.10	75		10	130
			Anthracene-d10	40	37.33	93		10	150
			Pyrene-d10	40	35.95	90		10	130
			Benzo(a)pyrene-d12	40	37.25	93		10	140
P4529-05	F7H14	BP022678.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	15.76	39		20	120
			Phenol-d5	40	16.15	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.81	42		10	150
			2-Chlorophenol-d4	40	17.51	44		15	120
			4-Methylphenol-d8	40	16.57	41		10	140
			Nitrobenzene-d5	40	17.37	43		10	135
			2-Nitrophenol-d4	40	17.90	45		10	120
			2,4-Dichlorophenol-d3	40	16.89	42		10	140
			4-Chloroaniline-d4	40	16.09	40		1	145
			Dimethylphthalate-d6	40	18.16	45		10	145
			Acenaphthylene-d8	40	17.44	44		15	120
			4-Nitrophenol-d4	40	12.53	31		10	150
			Fluorene-d10	40	18.40	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.18	33		10	130
			Anthracene-d10	40	17.68	44		10	150
			Pyrene-d10	40	17.47	44		10	130
			Benzo(a)pyrene-d12	40	18.20	46		10	140
P4529-06	F7H15	BP022703.D	1,4-Dioxane-d8	8	2.65	33		15	120
			Pyridine-d5	40	10.40	26		20	120
			Phenol-d5	40	15.92	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.63	39		10	150
			2-Chlorophenol-d4	40	16.71	42		15	120
			4-Methylphenol-d8	40	16.15	40		10	140
			Nitrobenzene-d5	40	16.20	40		10	135
			2-Nitrophenol-d4	40	16.87	42		10	120

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-06	F7H15	BP022703.D	2,4-Dichlorophenol-d3	40	16.19	40		10	140
			4-Chloroaniline-d4	40	15.25	38		1	145
			Dimethylphthalate-d6	40	16.31	41		10	145
			Acenaphthylene-d8	40	16.47	41		15	120
			4-Nitrophenol-d4	40	11.71	29		10	150
			Fluorene-d10	40	16.78	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.78	19		10	130
			Anthracene-d10	40	16.91	42		10	150
			Pyrene-d10	40	18.10	45		10	130
			Benzo(a)pyrene-d12	40	17.05	43		10	140
P4529-09	F7H24	BP022679.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Pyridine-d5	40	19.00	47		20	120
			Phenol-d5	40	17.87	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
			2-Chlorophenol-d4	40	16.13	40		15	120
			4-Methylphenol-d8	40	20.11	50		10	140
			Nitrobenzene-d5	40	22.82	57		10	135
			2-Nitrophenol-d4	40	12.52	31		10	120
			2,4-Dichlorophenol-d3	40	14.38	36		10	140
			4-Chloroaniline-d4	40	21.19	53		1	145
			Dimethylphthalate-d6	40	23.35	58		10	145
			Acenaphthylene-d8	40	22.58	56		15	120
			4-Nitrophenol-d4	40	1.96	5	*	10	150
			Fluorene-d10	40	23.47	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.71	4	*	10	130
			Anthracene-d10	40	23.11	58		10	150
			Pyrene-d10	40	23.79	59		10	130
			Benzo(a)pyrene-d12	40	24.76	62		10	140
PB164389BL	PB164389BL	BP022675.D	Pyridine-d5	40	20.66	52		20	120
			1,4-Dioxane-d8	8	4.36	55		15	120
			Phenol-d5	40	20.09	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.20	50		10	150
			2-Chlorophenol-d4	40	22.30	56		15	120
			4-Methylphenol-d8	40	20.28	51		10	140
			Nitrobenzene-d5	40	22.35	56		10	135
			2-Nitrophenol-d4	40	23.58	59		10	120
			2,4-Dichlorophenol-d3	40	21.12	53		10	140
			4-Chloroaniline-d4	40	21.83	55		1	145
			Dimethylphthalate-d6	40	22.94	57		10	145
			Acenaphthylene-d8	40	21.64	54		15	120
			4-Nitrophenol-d4	40	17.31	43		10	150
			Fluorene-d10	40	22.92	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.75	49		10	130
			Anthracene-d10	40	22.97	57		10	150
			Pyrene-d10	40	23.20	58		10	130
			Benzo(a)pyrene-d12	40	23.80	59		10	140
PB164389BS	PB164389BS	BP022697.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	23.17	58		20	120
			Phenol-d5	40	24.23	61		10	130

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164389BS	PB164389BS	BP022697.D	Bis(2-Chloroethyl)ether-d8	40	22.58	56		10	150
			2-Chlorophenol-d4	40	25.26	63		15	120
			4-Methylphenol-d8	40	24.85	62		10	140
			Nitrobenzene-d5	40	23.74	59		10	135
			2-Nitrophenol-d4	40	24.90	62		10	120
			2,4-Dichlorophenol-d3	40	25.66	64		10	140
			4-Chloroaniline-d4	40	22.75	57		1	145
			Dimethylphthalate-d6	40	23.70	59		10	145
			Acenaphthylene-d8	40	23.34	58		15	120
			4-Nitrophenol-d4	40	21.86	55		10	150
			Fluorene-d10	40	23.58	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.00	60		10	130
			Anthracene-d10	40	23.59	59		10	150
			Pyrene-d10	40	24.85	62		10	130
			Benzo(a)pyrene-d12	40	24.91	62		10	140

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4494-01	A4F35	BP022700.D	Pyridine-d5	40	18.91	47		20	120
			1,4-Dioxane-d8	8	3.99	50		15	120
			Phenol-d5	40	22.08	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.78	57		10	150
			2-Chlorophenol-d4	40	24.12	60		15	120
			4-Methylphenol-d8	40	24.32	61		10	140
			Nitrobenzene-d5	40	24.20	61		10	135
			2-Nitrophenol-d4	40	25.08	63		10	120
			2,4-Dichlorophenol-d3	40	25.34	63		10	140
			4-Chloroaniline-d4	40	21.91	55		1	145
			Dimethylphthalate-d6	40	26.20	66		10	145
			Acenaphthylene-d8	40	26.22	66		15	120
			4-Nitrophenol-d4	40	19.77	49		10	150
			Fluorene-d10	40	27.18	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.54	51		10	130
			Anthracene-d10	40	27.87	70		10	150
			Pyrene-d10	40	26.17	65		10	130
			Benzo(a)pyrene-d12	40	27.51	69		10	140
P4494-02MS	A4F35MS	BP022701.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	21.17	53		20	120
			Phenol-d5	40	25.61	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.55	61		10	150
			2-Chlorophenol-d4	40	26.80	67		15	120
			4-Methylphenol-d8	40	27.10	68		10	140
			Nitrobenzene-d5	40	25.69	64		10	135
			2-Nitrophenol-d4	40	27.24	68		10	120
			2,4-Dichlorophenol-d3	40	28.14	70		10	140
			4-Chloroaniline-d4	40	22.93	57		1	145
			Dimethylphthalate-d6	40	26.08	65		10	145
			Acenaphthylene-d8	40	26.30	66		15	120
			4-Nitrophenol-d4	40	22.20	55		10	150
			Fluorene-d10	40	26.13	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.52	59		10	130
			Anthracene-d10	40	27.10	68		10	150
			Pyrene-d10	40	28.17	70		10	130
			Benzo(a)pyrene-d12	40	27.13	68		10	140
P4494-03MSD	A4F35MSD	BP022702.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	20.97	52		20	120
			Phenol-d5	40	24.89	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.60	59		10	150
			2-Chlorophenol-d4	40	26.35	66		15	120
			4-Methylphenol-d8	40	26.12	65		10	140
			Nitrobenzene-d5	40	26.37	66		10	135
			2-Nitrophenol-d4	40	27.43	69		10	120
			2,4-Dichlorophenol-d3	40	28.34	71		10	140
			4-Chloroaniline-d4	40	22.57	56		1	145
			Dimethylphthalate-d6	40	24.76	62		10	145
			Acenaphthylene-d8	40	25.51	64		15	120
			4-Nitrophenol-d4	40	21.32	53		10	150

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4494-03MSD	A4F35MSD	BP022702.D	Fluorene-d10	40	25.12	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.31	53		10	130
			Anthracene-d10	40	25.75	64		10	150
			Pyrene-d10	40	26.02	65		10	130
			Benzo(a)pyrene-d12	40	26.48	66		10	140
PB164432BL	PB164432BL	BP022699.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	24.06	60		20	120
			Phenol-d5	40	23.18	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.99	60		10	150
			2-Chlorophenol-d4	40	25.09	63		15	120
			4-Methylphenol-d8	40	23.63	59		10	140
			Nitrobenzene-d5	40	25.51	64		10	135
			2-Nitrophenol-d4	40	25.73	64		10	120
			2,4-Dichlorophenol-d3	40	23.49	59		10	140
			4-Chloroaniline-d4	40	24.18	60		1	145
			Dimethylphthalate-d6	40	25.64	64		10	145
			Acenaphthylene-d8	40	24.71	62		15	120
			4-Nitrophenol-d4	40	19.92	50		10	150
			Fluorene-d10	40	25.17	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.57	51		10	130
			Anthracene-d10	40	26.05	65		10	150
			Pyrene-d10	40	26.79	67		10	130
			Benzo(a)pyrene-d12	40	26.59	66		10	140

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-01	F7H26	BP022684.D	Pyridine-d5	40	21.48	54		20	120
			1,4-Dioxane-d8	8	4.57	57		15	120
			Phenol-d5	40	26.04	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.60	67		10	150
			2-Chlorophenol-d4	40	26.92	67		15	120
			4-Methylphenol-d8	40	26.70	67		10	140
			Nitrobenzene-d5	40	27.30	68		10	135
			2-Nitrophenol-d4	40	29.44	74		10	120
			2,4-Dichlorophenol-d3	40	27.80	69		10	140
			4-Chloroaniline-d4	40	26.65	67		1	145
			Dimethylphthalate-d6	40	32.11	80		10	145
			Acenaphthylene-d8	40	30.12	75		15	120
			4-Nitrophenol-d4	40	24.61	62		10	150
			Fluorene-d10	40	31.80	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.56	61		10	130
			Anthracene-d10	40	32.97	82		10	150
			Pyrene-d10	40	32.09	80		10	130
			Benzo(a)pyrene-d12	40	32.88	82		10	140
P4530-02	F7H27	BP022685.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	15.74	39		20	120
			Phenol-d5	40	18.83	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.23	46		10	150
			2-Chlorophenol-d4	40	19.36	48		15	120
			4-Methylphenol-d8	40	19.27	48		10	140
			Nitrobenzene-d5	40	19.41	49		10	135
			2-Nitrophenol-d4	40	20.43	51		10	120
			2,4-Dichlorophenol-d3	40	19.90	50		10	140
			4-Chloroaniline-d4	40	18.81	47		1	145
			Dimethylphthalate-d6	40	22.29	56		10	145
			Acenaphthylene-d8	40	21.55	54		15	120
			4-Nitrophenol-d4	40	5.99	15		10	150
			Fluorene-d10	40	22.47	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.04	13		10	130
			Anthracene-d10	40	22.28	56		10	150
			Pyrene-d10	40	22.40	56		10	130
			Benzo(a)pyrene-d12	40	23.35	58		10	140
P4530-04	F7H28	BP022686.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Pyridine-d5	40	24.40	61		20	120
			Phenol-d5	40	28.92	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.59	71		10	150
			2-Chlorophenol-d4	40	29.00	72		15	120
			4-Methylphenol-d8	40	29.81	75		10	140
			Nitrobenzene-d5	40	30.23	76		10	135
			2-Nitrophenol-d4	40	32.49	81		10	120
			2,4-Dichlorophenol-d3	40	30.68	77		10	140
			4-Chloroaniline-d4	40	29.19	73		1	145
			Dimethylphthalate-d6	40	35.17	88		10	145
			Acenaphthylene-d8	40	33.03	83		15	120
			4-Nitrophenol-d4	40	26.77	67		10	150

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-04	F7H28	BP022686.D	Fluorene-d10	40	35.01	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.16	68		10	130
			Anthracene-d10	40	34.43	86		10	150
			Pyrene-d10	40	35.43	89		10	130
			Benzo(a)pyrene-d12	40	36.18	90		10	140
P4530-05	F7H29	BP022687.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	16.27	41		20	120
			Phenol-d5	40	17.07	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.20	43		10	150
			2-Chlorophenol-d4	40	17.58	44		15	120
			4-Methylphenol-d8	40	17.75	44		10	140
			Nitrobenzene-d5	40	18.17	45		10	135
			2-Nitrophenol-d4	40	18.85	47		10	120
			2,4-Dichlorophenol-d3	40	18.25	46		10	140
			4-Chloroaniline-d4	40	17.27	43		1	145
			Dimethylphthalate-d6	40	20.61	52		10	145
			Acenaphthylene-d8	40	19.29	48		15	120
			4-Nitrophenol-d4	40	15.12	38		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.61	37		10	130
			Anthracene-d10	40	20.36	51		10	150
			Pyrene-d10	40	20.17	50		10	130
			Benzo(a)pyrene-d12	40	20.73	52		10	140
P4530-06	F7H30	BP022688.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	23.20	58		20	120
			Phenol-d5	40	25.39	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.11	65		10	150
			2-Chlorophenol-d4	40	26.99	67		15	120
			4-Methylphenol-d8	40	26.50	66		10	140
			Nitrobenzene-d5	40	28.54	71		10	135
			2-Nitrophenol-d4	40	28.50	71		10	120
			2,4-Dichlorophenol-d3	40	26.40	66		10	140
			4-Chloroaniline-d4	40	26.18	65		1	145
			Dimethylphthalate-d6	40	29.79	74		10	145
			Acenaphthylene-d8	40	28.42	71		15	120
			4-Nitrophenol-d4	40	20.45	51		10	150
			Fluorene-d10	40	29.40	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.91	55		10	130
			Anthracene-d10	40	30.03	75		10	150
			Pyrene-d10	40	28.79	72		10	130
			Benzo(a)pyrene-d12	40	29.30	73		10	140
P4530-07	F7H31	BP022689.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Pyridine-d5	40	12.74	32		20	120
			Phenol-d5	40	15.00	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.43	39		10	150
			2-Chlorophenol-d4	40	15.48	39		15	120
			4-Methylphenol-d8	40	15.27	38		10	140
			Nitrobenzene-d5	40	16.68	42		10	135
			2-Nitrophenol-d4	40	17.80	45		10	120

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-07	F7H31	BP022689.D	2,4-Dichlorophenol-d3	40	16.05	40		10	140
			4-Chloroaniline-d4	40	15.79	39		1	145
			Dimethylphthalate-d6	40	19.46	49		10	145
			Acenaphthylene-d8	40	17.94	45		15	120
			4-Nitrophenol-d4	40	14.48	36		10	150
			Fluorene-d10	40	19.49	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.01	35		10	130
			Anthracene-d10	40	19.99	50		10	150
			Pyrene-d10	40	19.18	48		10	130
			Benzo(a)pyrene-d12	40	19.92	50		10	140
P4530-08	F7H32	BP022690.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Pyridine-d5	40	11.31	28		20	120
			Phenol-d5	40	14.30	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.62	37		10	150
			2-Chlorophenol-d4	40	14.53	36		15	120
			4-Methylphenol-d8	40	14.93	37		10	140
			Nitrobenzene-d5	40	15.39	38		10	135
			2-Nitrophenol-d4	40	15.31	38		10	120
			2,4-Dichlorophenol-d3	40	14.05	35		10	140
			4-Chloroaniline-d4	40	14.08	35		1	145
			Dimethylphthalate-d6	40	17.85	45		10	145
			Acenaphthylene-d8	40	16.43	41		15	120
			4-Nitrophenol-d4	40	10.60	27		10	150
			Fluorene-d10	40	17.96	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.93	27		10	130
			Anthracene-d10	40	17.87	45		10	150
			Pyrene-d10	40	18.11	45		10	130
			Benzo(a)pyrene-d12	40	17.71	44		10	140
P4530-09	F7H33	BP022691.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	14.77	37		20	120
			Phenol-d5	40	16.46	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.47	41		10	150
			2-Chlorophenol-d4	40	16.48	41		15	120
			4-Methylphenol-d8	40	16.81	42		10	140
			Nitrobenzene-d5	40	17.06	43		10	135
			2-Nitrophenol-d4	40	18.03	45		10	120
			2,4-Dichlorophenol-d3	40	17.13	43		10	140
			4-Chloroaniline-d4	40	16.38	41		1	145
			Dimethylphthalate-d6	40	19.51	49		10	145
			Acenaphthylene-d8	40	18.03	45		15	120
			4-Nitrophenol-d4	40	12.39	31		10	150
			Fluorene-d10	40	19.66	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.04	33		10	130
			Anthracene-d10	40	20.05	50		10	150
			Pyrene-d10	40	19.73	49		10	130
			Benzo(a)pyrene-d12	40	19.86	50		10	140
P4530-10	F7H34	BP022692.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	16.11	40		20	120
			Phenol-d5	40	17.73	44		10	130

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-10	F7H34	BP022692.D	Bis(2-Chloroethyl)ether-d8	40	17.45	44		10	150
			2-Chlorophenol-d4	40	18.56	46		15	120
			4-Methylphenol-d8	40	18.02	45		10	140
			Nitrobenzene-d5	40	19.61	49		10	135
			2-Nitrophenol-d4	40	19.62	49		10	120
			2,4-Dichlorophenol-d3	40	17.98	45		10	140
			4-Chloroaniline-d4	40	17.36	43		1	145
			Dimethylphthalate-d6	40	21.37	53		10	145
			Acenaphthylene-d8	40	20.49	51		15	120
			4-Nitrophenol-d4	40	13.63	34		10	150
			Fluorene-d10	40	21.52	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.56	34		10	130
			Anthracene-d10	40	21.26	53		10	150
			Pyrene-d10	40	20.77	52		10	130
			Benzo(a)pyrene-d12	40	21.31	53		10	140
P4530-11	F7H38	BP022693.D	1,4-Dioxane-d8	8	3.00	38		15	120
			Pyridine-d5	40	5.95	15	*	20	120
			Phenol-d5	40	15.89	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.91	42		10	150
			2-Chlorophenol-d4	40	17.33	43		15	120
			4-Methylphenol-d8	40	17.03	43		10	140
			Nitrobenzene-d5	40	17.77	44		10	135
			2-Nitrophenol-d4	40	18.38	46		10	120
			2,4-Dichlorophenol-d3	40	16.96	42		10	140
			4-Chloroaniline-d4	40	15.45	39		1	145
			Dimethylphthalate-d6	40	18.95	47		10	145
			Acenaphthylene-d8	40	18.54	46		15	120
			4-Nitrophenol-d4	40	13.67	34		10	150
			Fluorene-d10	40	18.93	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.91	35		10	130
			Anthracene-d10	40	19.22	48		10	150
			Pyrene-d10	40	19.39	48		10	130
P4530-12	F7H39	BP022694.D	Benzo(a)pyrene-d12	40	19.21	48		10	140
			1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	15.24	38		20	120
			Phenol-d5	40	19.50	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.44	51		10	150
			2-Chlorophenol-d4	40	21.04	53		15	120
			4-Methylphenol-d8	40	20.33	51		10	140
			Nitrobenzene-d5	40	22.00	55		10	135
			2-Nitrophenol-d4	40	22.68	57		10	120
			2,4-Dichlorophenol-d3	40	21.34	53		10	140
			4-Chloroaniline-d4	40	19.04	48		1	145
			Dimethylphthalate-d6	40	22.89	57		10	145
			Acenaphthylene-d8	40	22.60	56		15	120
			4-Nitrophenol-d4	40	16.57	41		10	150
			Fluorene-d10	40	23.64	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.25	43		10	130
			Anthracene-d10	40	22.84	57		10	150

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-12	F7H39	BP022694.D	Pyrene-d10	40	21.64	54		10	130
			Benzo(a)pyrene-d12	40	22.94	57		10	140
P4530-13	F7H40	BP022695.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	14.60	36		20	120
			Phenol-d5	40	16.75	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.94	42		10	150
			2-Chlorophenol-d4	40	17.27	43		15	120
			4-Methylphenol-d8	40	17.06	43		10	140
			Nitrobenzene-d5	40	17.97	45		10	135
			2-Nitrophenol-d4	40	18.84	47		10	120
			2,4-Dichlorophenol-d3	40	17.46	44		10	140
			4-Chloroaniline-d4	40	16.34	41		1	145
			Dimethylphthalate-d6	40	19.52	49		10	145
			Acenaphthylene-d8	40	18.66	47		15	120
			4-Nitrophenol-d4	40	13.87	35		10	150
			Fluorene-d10	40	19.60	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.04	33		10	130
			Anthracene-d10	40	19.30	48		10	150
			Pyrene-d10	40	18.66	47		10	130
			Benzo(a)pyrene-d12	40	19.73	49		10	140
P4530-14	F7H41	BP022704.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	6.51	16	*	20	120
			Phenol-d5	40	19.34	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.17	48		10	150
			2-Chlorophenol-d4	40	19.99	50		15	120
			4-Methylphenol-d8	40	20.29	51		10	140
			Nitrobenzene-d5	40	20.88	52		10	135
			2-Nitrophenol-d4	40	21.98	55		10	120
			2,4-Dichlorophenol-d3	40	20.39	51		10	140
			4-Chloroaniline-d4	40	16.51	41		1	145
			Dimethylphthalate-d6	40	21.66	54		10	145
			Acenaphthylene-d8	40	21.95	55		15	120
			4-Nitrophenol-d4	40	15.28	38		10	150
			Fluorene-d10	40	22.71	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.63	29		10	130
			Anthracene-d10	40	23.00	57		10	150
			Pyrene-d10	40	23.86	60		10	130
			Benzo(a)pyrene-d12	40	23.34	58		10	140
P4530-15	F7H42	BP022696.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	8.18	20		20	120
			Phenol-d5	40	19.02	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.50	41		10	150
			2-Chlorophenol-d4	40	17.62	44		15	120
			4-Methylphenol-d8	40	19.09	48		10	140
			Nitrobenzene-d5	40	17.24	43		10	135
			2-Nitrophenol-d4	40	18.99	47		10	120
			2,4-Dichlorophenol-d3	40	19.37	48		10	140
			4-Chloroaniline-d4	40	16.43	41		1	145
			Dimethylphthalate-d6	40	21.67	54		10	145

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-15	F7H42	BP022696.D	Acenaphthylene-d8	40	20.57	51		15	120
			4-Nitrophenol-d4	40	15.46	39		10	150
			Fluorene-d10	40	22.40	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.49	39		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	22.14	55		10	130
			Benzo(a)pyrene-d12	40	23.05	58		10	140
P4530-16	F7H43	BP022705.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	12.42	31		20	120
			Phenol-d5	40	19.62	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.53	49		10	150
			2-Chlorophenol-d4	40	20.64	52		15	120
			4-Methylphenol-d8	40	20.66	52		10	140
			Nitrobenzene-d5	40	20.69	52		10	135
			2-Nitrophenol-d4	40	21.06	53		10	120
			2,4-Dichlorophenol-d3	40	20.64	52		10	140
			4-Chloroaniline-d4	40	17.79	44		1	145
			Dimethylphthalate-d6	40	21.49	54		10	145
			Acenaphthylene-d8	40	21.77	54		15	120
			4-Nitrophenol-d4	40	15.03	38		10	150
			Fluorene-d10	40	21.91	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.69	29		10	130
			Anthracene-d10	40	21.80	55		10	150
			Pyrene-d10	40	23.20	58		10	130
			Benzo(a)pyrene-d12	40	22.84	57		10	140
			1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	14.56	36		20	120
P4530-17	F7H44	BP022706.D	Phenol-d5	40	17.79	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.71	44		10	150
			2-Chlorophenol-d4	40	18.73	47		15	120
			4-Methylphenol-d8	40	18.31	46		10	140
			Nitrobenzene-d5	40	19.04	48		10	135
			2-Nitrophenol-d4	40	19.63	49		10	120
			2,4-Dichlorophenol-d3	40	18.43	46		10	140
			4-Chloroaniline-d4	40	16.26	41		1	145
			Dimethylphthalate-d6	40	18.53	46		10	145
			Acenaphthylene-d8	40	18.99	47		15	120
			4-Nitrophenol-d4	40	13.07	33		10	150
			Fluorene-d10	40	19.11	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.11	25		10	130
			Anthracene-d10	40	19.13	48		10	150
			Pyrene-d10	40	19.20	48		10	130
			Benzo(a)pyrene-d12	40	19.18	48		10	140
PB164433BL	PB164433BL	BP022683.D	Pyridine-d5	40	23.08	58		20	120
			1,4-Dioxane-d8	8	4.80	60		15	120
			Phenol-d5	40	22.36	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.98	57		10	150
			2-Chlorophenol-d4	40	23.99	60		15	120
			4-Methylphenol-d8	40	22.85	57		10	140

Surrogate Summary

SW-846

SDG No.: BP102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164433BL	PB164433BL	BP022683.D	Nitrobenzene-d5	40	23.67	59		10	135
			2-Nitrophenol-d4	40	24.69	62		10	120
			2,4-Dichlorophenol-d3	40	22.38	56		10	140
			4-Chloroaniline-d4	40	22.77	57		1	145
			Dimethylphthalate-d6	40	24.55	61		10	145
			Acenaphthylene-d8	40	23.47	59		15	120
			4-Nitrophenol-d4	40	18.54	46		10	150
			Fluorene-d10	40	24.17	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.01	50		10	130
			Anthracene-d10	40	24.66	62		10	150
			Pyrene-d10	40	25.02	63		10	130
			Benzo(a)pyrene-d12	40	25.16	63		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102824

Lab Code: CHEM

SAS No.: BP102824 SDG NO.: BP102824

Lab File ID: BP022673.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.2
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	82.4
443	15.0 - 24.0% of mass 442	16.4 (19.9) 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
SSTD020682	SSTDCCC020	BP022674.D	10/28/2024	10:57
SBLK389	PB164389BL	BP022675.D	10/28/2024	11:37
F7H10	P4529-01	BP022676.D	10/28/2024	12:18
F7H11	P4529-02	BP022677.D	10/28/2024	12:58
F7H14	P4529-05	BP022678.D	10/28/2024	13:38
F7H24	P4529-09	BP022679.D	10/28/2024	14:18
F7H12	P4529-03	BP022680.D	10/28/2024	14:58
F7H13	P4529-04	BP022681.D	10/28/2024	15:38
SSTD020683	SSTDCCC020	BP022682.D	10/28/2024	16:18
SBLK433	PB164433BL	BP022683.D	10/28/2024	16:59
F7H26	P4530-01	BP022684.D	10/28/2024	17:39
F7H27	P4530-02	BP022685.D	10/28/2024	18:19
F7H28	P4530-04	BP022686.D	10/28/2024	19:00
F7H29	P4530-05	BP022687.D	10/28/2024	19:40
F7H30	P4530-06	BP022688.D	10/28/2024	20:20
F7H31	P4530-07	BP022689.D	10/28/2024	21:01
F7H32	P4530-08	BP022690.D	10/28/2024	21:41
F7H33	P4530-09	BP022691.D	10/28/2024	22:21

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102824

Lab Code: CHEM

SAS No.: BP102824 SDG NO.: BP102824

Lab File ID: BP022673.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.2
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	82.4
443	15.0 - 24.0% of mass 442	16.4 (19.9) 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
F7H34	P4530-10	BP022692.D	10/28/2024	23:02
F7H38	P4530-11	BP022693.D	10/28/2024	23:42
F7H39	P4530-12	BP022694.D	10/29/2024	00:22
F7H40	P4530-13	BP022695.D	10/29/2024	01:03
F7H42	P4530-15	BP022696.D	10/29/2024	01:43
SLCS389	PB164389BS	BP022697.D	10/29/2024	02:24
SSTD020684	SSTDCCC020	BP022698.D	10/29/2024	03:44
SBLK432	PB164432BL	BP022699.D	10/29/2024	04:24
A4F35	P4494-01	BP022700.D	10/29/2024	05:04
A4F35MS	P4494-02MS	BP022701.D	10/29/2024	05:45
A4F35MSD	P4494-03MSD	BP022702.D	10/29/2024	06:25
F7H15	P4529-06	BP022703.D	10/29/2024	07:05
F7H41	P4530-14	BP022704.D	10/29/2024	07:45
F7H43	P4530-16	BP022705.D	10/29/2024	08:25
F7H44	P4530-17	BP022706.D	10/29/2024	09:06