

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 09:13

Lab File ID: BP022603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020676 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	0.469	0.010	-15.2106	40.0
Benzaldehyde	0.910	0.998	0.010	9.7124	40.0
Pyridine	1.449	1.356	0.010	-6.365	40.0
Phenol	1.752	1.717	0.080	-1.9929	20.0
Bis(2-Chloroethyl)ether	1.311	1.298	0.100	-0.9783	20.0
2-Chlorophenol	1.235	1.286	0.200	4.1351	20.0
2-Methylphenol	1.271	1.267	0.010	-0.353	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.493	0.010	-1.9879	40.0
Acetophenone	2.218	2.227	0.060	0.4192	20.0
4-Methylphenol	1.410	1.386	0.010	-1.6878	20.0
N-Nitroso-di-n-propylamine	1.124	1.138	0.050	1.2603	30.0
Hexachloroethane	0.575	0.594	0.100	3.1659	20.0
Nitrobenzene	0.459	0.459	0.050	-0.0205	25.0
Isophorone	0.823	0.842	0.050	2.271	25.0
2-Nitrophenol	0.192	0.213	0.050	11.1048	25.0
2,4-Dimethylphenol	0.417	0.445	0.050	6.6767	25.0
Bis(2-Chloroethoxy)methane	0.467	0.475	0.050	1.5603	20.0
2,4-Dichlorophenol	0.373	0.403	0.060	8.2254	20.0
Naphthalene	1.065	1.104	0.200	3.6595	20.0
4-Chloroaniline	0.441	0.445	0.010	0.7221	40.0
Hexachlorobutadiene	0.314	0.336	0.040	7.064	30.0
Caprolactam	0.120	0.114	0.010	-4.711	40.0
4-Chloro-3-methylphenol	0.407	0.431	0.040	6.0013	25.0
1-Methylnaphthalene	0.798	0.821	0.100	2.9007	20.0
2-Methylnaphthalene	0.782	0.821	0.100	5.0239	20.0
Hexachlorocyclopentadiene	0.451	0.460	0.010	2.1398	40.0
2,4,6-Trichlorophenol	0.465	0.505	0.090	8.5693	25.0
2,4,5-Trichlorophenol	0.495	0.530	0.100	6.9834	25.0
1,1-Biphenyl	1.442	1.489	0.200	3.3231	20.0
2-Chloronaphthalene	1.180	1.233	0.300	4.4427	20.0
2-Nitroaniline	0.352	0.362	0.050	2.8024	40.0
Dimethylphthalate	1.583	1.628	0.300	2.8454	20.0
2,6-Dinitrotoluene	0.299	0.330	0.080	10.0239	30.0
Acenaphthylene	1.752	1.796	0.400	2.5308	20.0
3-Nitroaniline	0.281	0.283	0.010	0.5164	40.0
Acenaphthene	1.239	1.282	0.200	3.5276	20.0
2,4-Dinitrophenol	0.220	0.212	0.010	-3.874	40.0
4-Nitrophenol	0.296	0.300	0.010	1.2278	40.0
Dibenzofuran	1.861	1.881	0.300	1.0784	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 09:13

Lab File ID: BP022603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020676 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	0.505	0.070	8.4216	30.0
Diethylphthalate	1.519	1.565	0.300	3.0355	20.0
Fluorene	1.516	1.562	0.200	3.0625	20.0
4-Chlorophenyl-phenylether	0.867	0.899	0.100	3.6771	20.0
4-Nitroaniline	0.283	0.308	0.010	8.6396	40.0
4,6-Dinitro-2-methylphenol	0.142	0.143	0.010	1.1599	40.0
N-Nitrosodiphenylamine	0.536	0.552	0.050	3.1111	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.788	0.100	6.5538	20.0
4-Bromophenyl-phenylether	0.241	0.259	0.070	7.4894	20.0
Hexachlorobenzene	0.297	0.320	0.050	7.6799	25.0
Atrazine	0.223	0.231	0.010	3.9773	25.0
Pentachlorophenol	0.191	0.194	0.010	1.7585	40.0
Phenanthrene	1.070	1.105	0.200	3.2768	20.0
Pentachlorobenzene	0.337	0.360	0.050	6.9884	20.0
Anthracene	1.068	1.125	0.200	5.4005	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.325	0.050	6.7131	20.0
Carbazole	0.945	0.953	0.050	0.8305	40.0
Di-n-butylphthalate	1.045	1.092	0.500	4.4264	25.0
Fluoranthene	1.216	1.319	0.400	8.4424	25.0
Pyrene	1.303	1.370	0.400	5.1268	25.0
Butylbenzylphthalate	0.454	0.479	0.100	5.6004	40.0
3,3-Dichlorobenzidine	0.477	0.484	0.010	1.4169	40.0
Benzo (a) anthracene	1.402	1.422	0.300	1.4392	30.0
Chrysene	1.300	1.304	0.200	0.2977	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.687	0.200	5.4231	40.0
Di-n-octyl phthalate	0.951	1.012	0.010	6.3617	40.0
Benzo (b) fluoranthene	1.259	1.304	0.200	3.5533	25.0
Benzo (k) fluoranthene	1.233	1.244	0.200	0.9371	25.0
Benzo (a) pyrene	1.159	1.152	0.200	-0.5354	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.524	0.200	-1.4057	25.0
Dibenzo (a,h) anthracene	1.252	1.214	0.200	-3.0305	30.0
Benzo (g,h,i) perylene	1.203	1.171	0.200	-2.6469	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.498	0.040	7.6223	20.0
1,4-Dioxane-d8	0.515	0.439	0.010	-14.79	25.0
Pyridine-d5	1.413	1.350	0.010	-4.4836	40.0
Phenol-d5	1.684	1.665	0.010	-1.1272	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.955	0.050	-3.4486	25.0
2-Chlorophenol-d4	1.195	1.270	0.200	6.3452	20.0
4-Methylphenol-d8	1.344	1.339	0.010	-0.3286	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 09:13

Lab File ID: BP022603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020676 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	6.6276	20.0
2-Nitrophenol-d4	0.178	0.202	0.050	13.3516	30.0
2,4-Dichlorophenol-d3	0.378	0.409	0.060	8.022	20.0
4-Chloroaniline-d4	0.447	0.447	0.010	0.0095	40.0
Dimethylphthalate-d6	1.589	1.625	0.300	2.2552	20.0
Acenaphthylene-d8	1.688	1.780	0.400	5.4447	20.0
4-Nitrophenol-d4	0.267	0.258	0.010	-3.0593	40.0
Fluorene-d10	1.378	1.408	0.100	2.1776	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.132	0.010	0.3503	40.0
Anthracene-d10	0.941	0.991	0.300	5.2824	20.0
Pyrene-d10	1.058	1.116	0.300	5.497	25.0
Benzo(a)pyrene-d12	1.068	1.093	0.010	2.3193	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.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 19:59

Lab File ID: BP022618.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020677 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	0.477	0.010	-13.8607	40.0
Benzaldehyde	0.910	1.008	0.010	10.7517	40.0
Pyridine	1.449	1.360	0.010	-6.1168	40.0
Phenol	1.752	1.731	0.080	-1.175	20.0
Bis(2-Chloroethyl)ether	1.311	1.301	0.100	-0.7492	20.0
2-Chlorophenol	1.235	1.285	0.200	4.0077	20.0
2-Methylphenol	1.271	1.284	0.010	0.9909	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.453	0.010	-4.6287	40.0
Acetophenone	2.218	2.223	0.060	0.2224	20.0
4-Methylphenol	1.410	1.406	0.010	-0.3205	20.0
N-Nitroso-di-n-propylamine	1.124	1.137	0.050	1.1938	30.0
Hexachloroethane	0.575	0.588	0.100	2.1225	20.0
Nitrobenzene	0.459	0.459	0.050	-0.0987	25.0
Isophorone	0.823	0.838	0.050	1.8493	25.0
2-Nitrophenol	0.192	0.206	0.050	7.3579	25.0
2,4-Dimethylphenol	0.417	0.440	0.050	5.5581	25.0
Bis(2-Chloroethoxy)methane	0.467	0.465	0.050	-0.498	20.0
2,4-Dichlorophenol	0.373	0.406	0.060	8.9161	20.0
Naphthalene	1.065	1.101	0.200	3.3703	20.0
4-Chloroaniline	0.441	0.450	0.010	1.963	40.0
Hexachlorobutadiene	0.314	0.337	0.040	7.4023	30.0
Caprolactam	0.120	0.119	0.010	-1.0926	40.0
4-Chloro-3-methylphenol	0.407	0.432	0.040	6.2755	25.0
1-Methylnaphthalene	0.798	0.827	0.100	3.6533	20.0
2-Methylnaphthalene	0.782	0.815	0.100	4.203	20.0
Hexachlorocyclopentadiene	0.451	0.429	0.010	-4.8952	40.0
2,4,6-Trichlorophenol	0.465	0.496	0.090	6.6258	25.0
2,4,5-Trichlorophenol	0.495	0.537	0.100	8.3212	25.0
1,1-Biphenyl	1.442	1.475	0.200	2.3278	20.0
2-Chloronaphthalene	1.180	1.223	0.300	3.6284	20.0
2-Nitroaniline	0.352	0.355	0.050	0.7454	40.0
Dimethylphthalate	1.583	1.607	0.300	1.5051	20.0
2,6-Dinitrotoluene	0.299	0.332	0.080	10.853	30.0
Acenaphthylene	1.752	1.808	0.400	3.214	20.0
3-Nitroaniline	0.281	0.290	0.010	3.0797	40.0
Acenaphthene	1.239	1.261	0.200	1.8126	20.0
2,4-Dinitrophenol	0.220	0.209	0.010	-5.3307	40.0
4-Nitrophenol	0.296	0.298	0.010	0.6045	40.0
Dibenzofuran	1.861	1.899	0.300	2.0919	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 19:59

Lab File ID: BP022618.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020677 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	0.510	0.070	9.6691	30.0
Diethylphthalate	1.519	1.557	0.300	2.4678	20.0
Fluorene	1.516	1.553	0.200	2.4373	20.0
4-Chlorophenyl-phenylether	0.867	0.897	0.100	3.5227	20.0
4-Nitroaniline	0.283	0.313	0.010	10.6169	40.0
4,6-Dinitro-2-methylphenol	0.142	0.140	0.010	-0.8408	40.0
N-Nitrosodiphenylamine	0.536	0.544	0.050	1.6041	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.780	0.100	5.4104	20.0
4-Bromophenyl-phenylether	0.241	0.256	0.070	6.1694	20.0
Hexachlorobenzene	0.297	0.320	0.050	7.7132	25.0
Atrazine	0.223	0.230	0.010	3.3934	25.0
Pentachlorophenol	0.191	0.199	0.010	4.3555	40.0
Phenanthrene	1.070	1.086	0.200	1.5039	20.0
Pentachlorobenzene	0.337	0.355	0.050	5.3566	20.0
Anthracene	1.068	1.091	0.200	2.1869	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.319	0.050	4.7822	20.0
Carbazole	0.945	0.948	0.050	0.3789	40.0
Di-n-butylphthalate	1.045	1.074	0.500	2.7094	25.0
Fluoranthene	1.216	1.337	0.400	9.9758	25.0
Pyrene	1.303	1.429	0.400	9.6184	25.0
Butylbenzylphthalate	0.454	0.487	0.100	7.4264	40.0
3,3-Dichlorobenzidine	0.477	0.485	0.010	1.7214	40.0
Benzo (a) anthracene	1.402	1.441	0.300	2.7739	30.0
Chrysene	1.300	1.355	0.200	4.1963	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.678	0.200	4.1642	40.0
Di-n-octyl phthalate	0.951	0.964	0.010	1.3557	40.0
Benzo (b) fluoranthene	1.259	1.289	0.200	2.3871	25.0
Benzo (k) fluoranthene	1.233	1.272	0.200	3.2255	25.0
Benzo (a) pyrene	1.159	1.187	0.200	2.4556	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.563	0.200	1.111	25.0
Dibenzo (a,h) anthracene	1.252	1.238	0.200	-1.1337	30.0
Benzo (g,h,i) perylene	1.203	1.212	0.200	0.7849	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.505	0.040	9.1458	20.0
1,4-Dioxane-d8	0.515	0.436	0.010	-15.3018	25.0
Pyridine-d5	1.413	1.344	0.010	-4.8755	40.0
Phenol-d5	1.684	1.672	0.010	-0.7144	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.950	0.050	-3.9797	25.0
2-Chlorophenol-d4	1.195	1.257	0.200	5.2642	20.0
4-Methylphenol-d8	1.344	1.364	0.010	1.5552	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/25/2024 : 19:59

Lab File ID: BP022618.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020677 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.166	0.050	7.7173	20.0
2-Nitrophenol-d4	0.178	0.200	0.050	12.2945	30.0
2,4-Dichlorophenol-d3	0.378	0.416	0.060	10.0343	20.0
4-Chloroaniline-d4	0.447	0.446	0.010	-0.1467	40.0
Dimethylphthalate-d6	1.589	1.600	0.300	0.6905	20.0
Acenaphthylene-d8	1.688	1.755	0.400	3.9962	20.0
4-Nitrophenol-d4	0.267	0.262	0.010	-1.5549	40.0
Fluorene-d10	1.378	1.405	0.100	1.9604	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.130	0.010	-0.9284	40.0
Anthracene-d10	0.941	0.970	0.300	3.0503	20.0
Pyrene-d10	1.058	1.149	0.300	8.6408	25.0
Benzo(a)pyrene-d12	1.068	1.125	0.010	5.3302	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.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/26/2024 : 04:50

Lab File ID: BP022630.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020678 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	0.456	0.010	-17.5316	40.0
Benzaldehyde	0.910	1.002	0.010	10.1398	40.0
Pyridine	1.449	1.319	0.010	-8.941	40.0
Phenol	1.752	1.704	0.080	-2.6883	20.0
Bis(2-Chloroethyl)ether	1.311	1.249	0.100	-4.7472	20.0
2-Chlorophenol	1.235	1.263	0.200	2.2293	20.0
2-Methylphenol	1.271	1.245	0.010	-2.0337	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.399	0.010	-8.1495	40.0
Acetophenone	2.218	2.133	0.060	-3.8168	20.0
4-Methylphenol	1.410	1.383	0.010	-1.9445	20.0
N-Nitroso-di-n-propylamine	1.124	1.093	0.050	-2.7137	30.0
Hexachloroethane	0.575	0.580	0.100	0.8748	20.0
Nitrobenzene	0.459	0.457	0.050	-0.4032	25.0
Isophorone	0.823	0.806	0.050	-2.1232	25.0
2-Nitrophenol	0.192	0.206	0.050	7.5458	25.0
2,4-Dimethylphenol	0.417	0.430	0.050	2.9977	25.0
Bis(2-Chloroethoxy)methane	0.467	0.455	0.050	-2.7054	20.0
2,4-Dichlorophenol	0.373	0.407	0.060	9.0902	20.0
Naphthalene	1.065	1.098	0.200	3.0967	20.0
4-Chloroaniline	0.441	0.442	0.010	0.0507	40.0
Hexachlorobutadiene	0.314	0.336	0.040	6.9081	30.0
Caprolactam	0.120	0.113	0.010	-5.9847	40.0
4-Chloro-3-methylphenol	0.407	0.434	0.040	6.6962	25.0
1-Methylnaphthalene	0.798	0.822	0.100	2.9625	20.0
2-Methylnaphthalene	0.782	0.809	0.100	3.4215	20.0
Hexachlorocyclopentadiene	0.451	0.375	0.010	-16.799	40.0
2,4,6-Trichlorophenol	0.465	0.491	0.090	5.5297	25.0
2,4,5-Trichlorophenol	0.495	0.526	0.100	6.2979	25.0
1,1-Biphenyl	1.442	1.484	0.200	2.934	20.0
2-Chloronaphthalene	1.180	1.215	0.300	2.9432	20.0
2-Nitroaniline	0.352	0.344	0.050	-2.5021	40.0
Dimethylphthalate	1.583	1.517	0.300	-4.2038	20.0
2,6-Dinitrotoluene	0.299	0.322	0.080	7.5408	30.0
Acenaphthylene	1.752	1.752	0.400	0.0235	20.0
3-Nitroaniline	0.281	0.298	0.010	5.961	40.0
Acenaphthene	1.239	1.251	0.200	1.0061	20.0
2,4-Dinitrophenol	0.220	0.176	0.010	-20.068	40.0
4-Nitrophenol	0.296	0.294	0.010	-0.575	40.0
Dibenzofuran	1.861	1.864	0.300	0.1633	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/26/2024 : 04:50

Lab File ID: BP022630.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020678 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	0.483	0.070	3.7506	30.0
Diethylphthalate	1.519	1.450	0.300	-4.5535	20.0
Fluorene	1.516	1.532	0.200	1.0789	20.0
4-Chlorophenyl-phenylether	0.867	0.855	0.100	-1.3758	20.0
4-Nitroaniline	0.283	0.318	0.010	12.2813	40.0
4,6-Dinitro-2-methylphenol	0.142	0.129	0.010	-9.2359	40.0
N-Nitrosodiphenylamine	0.536	0.546	0.050	2.0024	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.780	0.100	5.4505	20.0
4-Bromophenyl-phenylether	0.241	0.256	0.070	6.2582	20.0
Hexachlorobenzene	0.297	0.324	0.050	9.0392	25.0
Atrazine	0.223	0.228	0.010	2.5641	25.0
Pentachlorophenol	0.191	0.206	0.010	7.8678	40.0
Phenanthrene	1.070	1.087	0.200	1.6209	20.0
Pentachlorobenzene	0.337	0.357	0.050	6.1885	20.0
Anthracene	1.068	1.109	0.200	3.8276	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.329	0.050	7.9961	20.0
Carbazole	0.945	0.967	0.050	2.3371	40.0
Di-n-butylphthalate	1.045	1.044	0.500	-0.1673	25.0
Fluoranthene	1.216	1.327	0.400	9.1663	25.0
Pyrene	1.303	1.386	0.400	6.3757	25.0
Butylbenzylphthalate	0.454	0.473	0.100	4.1549	40.0
3,3-Dichlorobenzidine	0.477	0.471	0.010	-1.2074	40.0
Benzo (a) anthracene	1.402	1.426	0.300	1.7207	30.0
Chrysene	1.300	1.307	0.200	0.5571	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.664	0.200	2.0303	40.0
Di-n-octyl phthalate	0.951	0.949	0.010	-0.2825	40.0
Benzo (b) fluoranthene	1.259	1.271	0.200	0.967	25.0
Benzo (k) fluoranthene	1.233	1.279	0.200	3.8041	25.0
Benzo (a) pyrene	1.159	1.180	0.200	1.805	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.591	0.200	2.8782	25.0
Dibenzo (a,h) anthracene	1.252	1.286	0.200	2.6956	30.0
Benzo (g,h,i) perylene	1.203	1.225	0.200	1.8743	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.484	0.040	4.6993	20.0
1,4-Dioxane-d8	0.515	0.430	0.010	-16.4708	25.0
Pyridine-d5	1.413	1.323	0.010	-6.3322	40.0
Phenol-d5	1.684	1.655	0.010	-1.6789	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.900	0.050	-9.0299	25.0
2-Chlorophenol-d4	1.195	1.257	0.200	5.2303	20.0
4-Methylphenol-d8	1.344	1.324	0.010	-1.4263	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG No.: BP102524

Instrument ID: BNA_P Calibration Date/Time: 10/26/2024 : 04:50

Lab File ID: BP022630.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020678 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	6.8925	20.0
2-Nitrophenol-d4	0.178	0.196	0.050	10.2959	30.0
2,4-Dichlorophenol-d3	0.378	0.411	0.060	8.695	20.0
4-Chloroaniline-d4	0.447	0.449	0.010	0.4081	40.0
Dimethylphthalate-d6	1.589	1.539	0.300	-3.1635	20.0
Acenaphthylene-d8	1.688	1.735	0.400	2.8161	20.0
4-Nitrophenol-d4	0.267	0.253	0.010	-5.1615	40.0
Fluorene-d10	1.378	1.397	0.100	1.354	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.117	0.010	-11.2195	40.0
Anthracene-d10	0.941	0.976	0.300	3.7746	20.0
Pyrene-d10	1.058	1.144	0.300	8.1271	25.0
Benzo(a)pyrene-d12	1.068	1.099	0.010	2.924	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK352	SDG No.:	BP102524
Lab Sample ID:	PB164352BL	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
BP022604.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102524
Lab Sample ID:	PB164352BL	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
BP022604.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102524
Lab Sample ID:	PB164352BL	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
BP022604.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

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	3.903		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	20.819		20-120		52	SPK: -40
4165-62-2	Phenol-d5	21.575		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.951		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.056		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.453		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.419		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.352		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.72		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.201		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.284		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.647		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.62		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.398		20-140		58	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:	SBLK352	SDG No.:	BP102524
Lab Sample ID:	PB164352BL	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
BP022604.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.468		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	24.945		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	24.605		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.373		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108323	7.652				
1146-65-2	Naphthalene-d8	388352	10.399				
15067-26-2	Acenaphthene-d10	306053	14.263				
1517-22-2	Phenanthrene-d10	746273	17.069				
1719-03-5	Chrysene-d12	862777	21.504				
1520-96-3	Perylene-d12	958798	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102524
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022605.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	81	U	81	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	76.7	310	ug/Kg
95-48-7	2-Methylphenol	70	U	70	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	120	J	72	150	600	ug/Kg
106-44-5	4-Methylphenol	67	U	67	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	76.7	310	ug/Kg
67-72-1	Hexachloroethane	32	U	32	76.7	310	ug/Kg
98-95-3	Nitrobenzene	56	U	56	76.7	310	ug/Kg
78-59-1	Isophorone	87	U	87	76.7	310	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	76.7	310	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	76.7	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	76.7	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	76.7	310	ug/Kg
91-20-3	Naphthalene	45	U	45	76.7	310	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	76.7	600	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	76.7	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	76.7	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	76.7	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	76.7	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	76.7	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	76.7	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102524
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022605.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	76.7	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	76.7	310	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	76.7	310	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	76.7	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	79	U	79	76.7	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	76.7	310	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	150	600	ug/Kg
83-32-9	Acenaphthene	52	U	52	76.7	310	ug/Kg
51-28-5	2,4-Dinitrophenol	87	U	87	150	600	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	76.7	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	76.7	310	ug/Kg
84-66-2	Diethylphthalate	54	U	54	76.7	310	ug/Kg
86-73-7	Fluorene	45	U	45	76.7	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	76.7	310	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	76.7	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	76.7	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	76.7	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	76.7	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	600	ug/Kg
85-01-8	Phenanthrene	69	J	52	76.7	310	ug/Kg
608-93-5	Pentachlorobenzene	94	U	94	76.7	310	ug/Kg
120-12-7	Anthracene	45	U	45	76.7	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	90	U	90	76.7	310	ug/Kg
86-74-8	Carbazole	51	U	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	76.7	310	ug/Kg
206-44-0	Fluoranthene	140	J	97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102524
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022605.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	88	U	88	76.7	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	76.7	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	87	U	87	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	61	J	49	76.7	310	ug/Kg
218-01-9	Chrysene	63	J	56	76.7	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	76.7	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	J	60	76.7	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	76.7	310	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	76.7	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	76.7	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	76.7	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	76.7	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	76.7	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.175		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	1.233	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.923		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.808		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.529		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	5.89		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	6.851		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.404		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.45		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.645		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.35		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	7.76		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.193		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	8.643		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102524
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022605.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.316		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	8.021		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	7.252		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.191		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106592	7.651				
1146-65-2	Naphthalene-d8	412301	10.404				
15067-26-2	Acenaphthene-d10	326188	14.257				
1517-22-2	Phenanthrene-d10	820170	17.057				
1719-03-5	Chrysene-d12	877839	21.486				
1520-96-3	Perylene-d12	1055836	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	240	J			9.193	
	(DEL) Alkane: Straight-Chain23.874	470	J			23.874	
E966796	Total Alkanes	470				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102524
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022606.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	210		20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	160	J	81	150	590	ug/Kg
110-86-1	Pyridine	320	J	59	300	590	ug/Kg
108-95-2	Phenol	700		77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	640		72	150	590	ug/Kg
95-57-8	2-Chlorophenol	670		41	76.5	310	ug/Kg
95-48-7	2-Methylphenol	610		70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	640		110	150	590	ug/Kg
98-86-2	Acetophenone	830		72	150	590	ug/Kg
106-44-5	4-Methylphenol	650		67	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	690		92	76.5	310	ug/Kg
67-72-1	Hexachloroethane	420		32	76.5	310	ug/Kg
98-95-3	Nitrobenzene	650		56	76.5	310	ug/Kg
78-59-1	Isophorone	700		86	76.5	310	ug/Kg
88-75-5	2-Nitrophenol	710		56	76.5	310	ug/Kg
105-67-9	2,4-Dimethylphenol	260	J	45	76.5	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	650		77	76.5	310	ug/Kg
120-83-2	2,4-Dichlorophenol	740		29	76.5	310	ug/Kg
91-20-3	Naphthalene	690		45	76.5	310	ug/Kg
106-47-8	4-Chloroaniline	320	J	43	76.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	710		79	76.5	310	ug/Kg
105-60-2	Caprolactam	730		130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	750		88	76.5	310	ug/Kg
90-12-0	1-Methylnaphthalene	700		59	76.5	310	ug/Kg
91-57-6	2-Methylnaphthalene	730		41	76.5	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	J	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	750		88	76.5	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	800		70	76.5	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102524
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022606.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	710		43	76.5	310	ug/Kg
91-58-7	2-Chloronaphthalene	700		47	76.5	310	ug/Kg
88-74-4	2-Nitroaniline	720		74	76.5	310	ug/Kg
131-11-3	Dimethylphthalate	750		52	76.5	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	800		79	76.5	310	ug/Kg
208-96-8	Acenaphthylene	710		58	76.5	310	ug/Kg
99-09-2	3-Nitroaniline	650		79	150	590	ug/Kg
83-32-9	Acenaphthene	750		52	76.5	310	ug/Kg
51-28-5	2,4-Dinitrophenol	630		86	150	590	ug/Kg
100-02-7	4-Nitrophenol	740		79	150	590	ug/Kg
132-64-9	Dibenzofuran	750		58	76.5	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	820		77	76.5	310	ug/Kg
84-66-2	Diethylphthalate	790		54	76.5	310	ug/Kg
86-73-7	Fluorene	770		45	76.5	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		36	76.5	310	ug/Kg
100-01-6	4-Nitroaniline	760		56	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740		140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	770		59	76.5	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	660		43	76.5	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	800		52	76.5	310	ug/Kg
118-74-1	Hexachlorobenzene	520		58	76.5	310	ug/Kg
1912-24-9	Atrazine	860		130	150	590	ug/Kg
87-86-5	Pentachlorophenol	560	J	130	150	590	ug/Kg
85-01-8	Phenanthrene	850		52	76.5	310	ug/Kg
608-93-5	Pentachlorobenzene	630		94	76.5	310	ug/Kg
120-12-7	Anthracene	730		45	76.5	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	630		90	76.5	310	ug/Kg
86-74-8	Carbazole	640		50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	820		110	76.5	310	ug/Kg
206-44-0	Fluoranthene	1000		97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102524
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022606.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		88	76.5	310	ug/Kg
85-68-7	Butylbenzylphthalate	860		150	76.5	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450	J	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	870		49	76.5	310	ug/Kg
218-01-9	Chrysene	860		56	76.5	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	900		170	76.5	310	ug/Kg
117-84-0	Di-n-octyl phthalate	830		140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		59	76.5	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	860		68	76.5	310	ug/Kg
50-32-8	Benzo(a)pyrene	330		58	76.5	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		56	76.5	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	820		50	76.5	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	J	47	76.5	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	780		59	76.5	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.058	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	4.163	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	6.911		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.658		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.513		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	6.904		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	7.054		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.347		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.523		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.493		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.607		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.108		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.419		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	9.004		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102524
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022606.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.712		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	8.655		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.699		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.796		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116255	7.645				
1146-65-2	Naphthalene-d8	449233	10.404				
15067-26-2	Acenaphthene-d10	364971	14.263				
1517-22-2	Phenanthrene-d10	894191	17.063				
1719-03-5	Chrysene-d12	893673	21.503				
1520-96-3	Perylene-d12	1040827	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	43	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102524
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022607.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	210		20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	170	J	81	150	590	ug/Kg
110-86-1	Pyridine	330	J	59	300	590	ug/Kg
108-95-2	Phenol	730		77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	670		72	150	590	ug/Kg
95-57-8	2-Chlorophenol	700		41	76.5	310	ug/Kg
95-48-7	2-Methylphenol	620		70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650		110	150	590	ug/Kg
98-86-2	Acetophenone	850		72	150	590	ug/Kg
106-44-5	4-Methylphenol	650		67	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	710		92	76.5	310	ug/Kg
67-72-1	Hexachloroethane	440		32	76.5	310	ug/Kg
98-95-3	Nitrobenzene	660		56	76.5	310	ug/Kg
78-59-1	Isophorone	710		86	76.5	310	ug/Kg
88-75-5	2-Nitrophenol	710		56	76.5	310	ug/Kg
105-67-9	2,4-Dimethylphenol	270	J	45	76.5	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	680		77	76.5	310	ug/Kg
120-83-2	2,4-Dichlorophenol	750		29	76.5	310	ug/Kg
91-20-3	Naphthalene	710		45	76.5	310	ug/Kg
106-47-8	4-Chloroaniline	340	J	43	76.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	730		79	76.5	310	ug/Kg
105-60-2	Caprolactam	730		130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	770		88	76.5	310	ug/Kg
90-12-0	1-Methylnaphthalene	720		59	76.5	310	ug/Kg
91-57-6	2-Methylnaphthalene	730		41	76.5	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	J	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	790		88	76.5	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		70	76.5	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102524
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022607.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	750		43	76.5	310	ug/Kg
91-58-7	2-Chloronaphthalene	760		47	76.5	310	ug/Kg
88-74-4	2-Nitroaniline	730		74	76.5	310	ug/Kg
131-11-3	Dimethylphthalate	770		52	76.5	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	820		79	76.5	310	ug/Kg
208-96-8	Acenaphthylene	730		58	76.5	310	ug/Kg
99-09-2	3-Nitroaniline	670		79	150	590	ug/Kg
83-32-9	Acenaphthene	790		52	76.5	310	ug/Kg
51-28-5	2,4-Dinitrophenol	650		86	150	590	ug/Kg
100-02-7	4-Nitrophenol	750		79	150	590	ug/Kg
132-64-9	Dibenzofuran	770		58	76.5	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	810		77	76.5	310	ug/Kg
84-66-2	Diethylphthalate	790		54	76.5	310	ug/Kg
86-73-7	Fluorene	780		45	76.5	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		36	76.5	310	ug/Kg
100-01-6	4-Nitroaniline	790		56	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750		140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	810		59	76.5	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	710		43	76.5	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850		52	76.5	310	ug/Kg
118-74-1	Hexachlorobenzene	550		58	76.5	310	ug/Kg
1912-24-9	Atrazine	860		130	150	590	ug/Kg
87-86-5	Pentachlorophenol	600		130	150	590	ug/Kg
85-01-8	Phenanthrene	870		52	76.5	310	ug/Kg
608-93-5	Pentachlorobenzene	660		94	76.5	310	ug/Kg
120-12-7	Anthracene	760		45	76.5	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	700		90	76.5	310	ug/Kg
86-74-8	Carbazole	670		50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	840		110	76.5	310	ug/Kg
206-44-0	Fluoranthene	1100		97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102524
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022607.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680		88	76.5	310	ug/Kg
85-68-7	Butylbenzylphthalate	890		150	76.5	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	470	J	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	890		49	76.5	310	ug/Kg
218-01-9	Chrysene	900		56	76.5	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		170	76.5	310	ug/Kg
117-84-0	Di-n-octyl phthalate	860		140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		59	76.5	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		68	76.5	310	ug/Kg
50-32-8	Benzo(a)pyrene	340		58	76.5	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		56	76.5	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		50	76.5	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	J	47	76.5	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800		59	76.5	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.1	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	4.464	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.264		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.858		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.553		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	7.16		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	7.2		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.746		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.65		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.522		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.868		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.366		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.269		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	9.033		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102524
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
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
BP022607.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.147		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	8.882		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.8		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.061		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120803	7.652				
1146-65-2	Naphthalene-d8	471529	10.404				
15067-26-2	Acenaphthene-d10	364737	14.257				
1517-22-2	Phenanthrene-d10	863566	17.057				
1719-03-5	Chrysene-d12	856509	21.492				
1520-96-3	Perylene-d12	1010723	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	43	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102524
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022608.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	72	ug/Kg
100-52-7	Benzaldehyde	49	U	49	89.7	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.7	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	89.7	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.2	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.7	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.7	360	ug/Kg
98-86-2	Acetophenone	43	U	43	89.7	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.7	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	46.2	180	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.2	180	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.2	180	ug/Kg
78-59-1	Isophorone	52	U	52	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.2	180	ug/Kg
91-20-3	Naphthalene	27	U	27	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.2	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.7	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102524
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022608.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.2	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.7	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.7	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.7	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.2	180	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.2	180	ug/Kg
86-73-7	Fluorene	27	U	27	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.7	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	89.7	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.2	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.7	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	89.7	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46.2	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.7	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46.2	180	ug/Kg
206-44-0	Fluoranthene	59	U	59	89.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102524
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022608.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46.2	180	ug/Kg
218-01-9	Chrysene	34	U	34	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	89.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.119		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	16.043		20-120		40	SPK: -40
4165-62-2	Phenol-d5	21.085		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.779		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.031		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.353		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.613		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.156		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.881		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.433		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.825		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.133		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.252		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	25.908		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102524
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022608.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.038		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	25.472		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.942		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.899		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132373	7.652				
1146-65-2	Naphthalene-d8	510467	10.404				
15067-26-2	Acenaphthene-d10	393726	14.269				
1517-22-2	Phenanthrene-d10	967929	17.075				
1719-03-5	Chrysene-d12	1027038	21.504				
1520-96-3	Perylene-d12	1198543	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	120	J			9.199	
000119-61-9	Benzophenone	170	J			15.657	
000057-10-3	n-Hexadecanoic acid	230	J			18.004	
	(DEL) Alkane: Straight-Chain	130	J			21.174	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102524
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 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
BP022609.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	200	J	49	89.9	360	ug/Kg
110-86-1	Pyridine	940		36	180	360	ug/Kg
108-95-2	Phenol	1100		47	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		44	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	1100		25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1100		42	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		65	89.9	360	ug/Kg
98-86-2	Acetophenone	1100		44	89.9	360	ug/Kg
106-44-5	4-Methylphenol	1100		40	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1100		20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1100		34	46.3	190	ug/Kg
78-59-1	Isophorone	1100		52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1200		34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	940		27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		17	46.3	190	ug/Kg
91-20-3	Naphthalene	1100		27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	630		26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1100		48	46.3	190	ug/Kg
105-60-2	Caprolactam	1100		78	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1100		36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1100		25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	680		100	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		42	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102524
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 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
BP022609.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1100		28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1100		45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1100		32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1100		35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1100		48	89.9	360	ug/Kg
83-32-9	Acenaphthene	1100		32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		52	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	1200		48	89.9	360	ug/Kg
132-64-9	Dibenzofuran	1100		35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1200		33	46.3	190	ug/Kg
86-73-7	Fluorene	1100		27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1300		34	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		84	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1100		35	46.3	190	ug/Kg
1912-24-9	Atrazine	1200		77	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	1100		81	89.9	360	ug/Kg
85-01-8	Phenanthrene	1100		32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1100		57	46.3	190	ug/Kg
120-12-7	Anthracene	1100		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		54	46.3	190	ug/Kg
86-74-8	Carbazole	1100		31	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	1100		66	46.3	190	ug/Kg
206-44-0	Fluoranthene	1200		59	89.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102524
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 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
BP022609.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1200		92	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	1100		29	46.3	190	ug/Kg
218-01-9	Chrysene	1100		34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		83	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1200		35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		31	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.51		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	19.589		20-120		49	SPK: -40
4165-62-2	Phenol-d5	24.933		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.299		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.506		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.058		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.109		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.271		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.513		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.329		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.906		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.078		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.094		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.34		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102524
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 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
BP022609.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.997		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.194		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.876		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.729		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107367	7.652				
1146-65-2	Naphthalene-d8	413317	10.404				
15067-26-2	Acenaphthene-d10	327462	14.263				
1517-22-2	Phenanthrene-d10	846301	17.063				
1719-03-5	Chrysene-d12	926001	21.504				
1520-96-3	Perylene-d12	1085563	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102524
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 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
BP022610.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	230	J	49	89.8	360	ug/Kg
110-86-1	Pyridine	1000		36	180	360	ug/Kg
108-95-2	Phenol	1200		47	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		44	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	1300		25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1200		42	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		65	89.8	360	ug/Kg
98-86-2	Acetophenone	1200		44	89.8	360	ug/Kg
106-44-5	4-Methylphenol	1200		40	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1200		20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1200		34	46.3	190	ug/Kg
78-59-1	Isophorone	1200		52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1300		34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		17	46.3	190	ug/Kg
91-20-3	Naphthalene	1200		27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	700		26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1200		48	46.3	190	ug/Kg
105-60-2	Caprolactam	1300		78	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1200		36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	750		100	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		42	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102524
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 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
BP022610.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1200		28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1200		45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1200		32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1200		35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1200		48	89.8	360	ug/Kg
83-32-9	Acenaphthene	1200		32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		52	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	1200		48	89.8	360	ug/Kg
132-64-9	Dibenzofuran	1200		35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1200		33	46.3	190	ug/Kg
86-73-7	Fluorene	1200		27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1400		34	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		84	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1300		35	46.3	190	ug/Kg
1912-24-9	Atrazine	1300		77	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	1200		81	89.8	360	ug/Kg
85-01-8	Phenanthrene	1200		32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1200		57	46.3	190	ug/Kg
120-12-7	Anthracene	1200		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		54	46.3	190	ug/Kg
86-74-8	Carbazole	1200		30	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	1200		66	46.3	190	ug/Kg
206-44-0	Fluoranthene	1300		59	89.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102524
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 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
BP022610.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1300		91	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	1200		29	46.3	190	ug/Kg
218-01-9	Chrysene	1200		34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		83	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1200		35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		30	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.144		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.653		20-120		52	SPK: -40
4165-62-2	Phenol-d5	28.363		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.711		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.67		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.34		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.385		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.436		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.321		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.68		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.662		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.199		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.164		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102524
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 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
BP022610.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.135		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.651		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	30.373		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.645		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117045	7.651				
1146-65-2	Naphthalene-d8	466104	10.41				
15067-26-2	Acenaphthene-d10	381007	14.269				
1517-22-2	Phenanthrene-d10	932931	17.063				
1719-03-5	Chrysene-d12	937089	21.498				
1520-96-3	Perylene-d12	1065811	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102524
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022611.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	570	ug/Kg
110-86-1	Pyridine	59	J	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	140	J	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73	290	ug/Kg
78-59-1	Isophorone	82	U	82	73	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	73	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102524
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022611.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	73	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73	290	ug/Kg
86-73-7	Fluorene	43	U	43	73	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	110	J	50	73	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	73	290	ug/Kg
120-12-7	Anthracene	43	U	43	73	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	73	290	ug/Kg
206-44-0	Fluoranthene	220	J	93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102524
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022611.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	84	73	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	46	73	290	ug/Kg
218-01-9	Chrysene	110	J	53	73	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	73	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	57	73	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	73	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.318		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.893	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.666		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.791		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.608		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	6.676		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	8.195		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.604		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.348		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.056		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.259		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.932		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.526		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	9.675		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102524
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022611.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.875		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.349		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	8.537		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.7		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112374	7.651				
1146-65-2	Naphthalene-d8	433992	10.404				
15067-26-2	Acenaphthene-d10	335665	14.257				
1517-22-2	Phenanthrene-d10	810969	17.051				
1719-03-5	Chrysene-d12	896579	21.498				
1520-96-3	Perylene-d12	1067009	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000556-67-2	Cyclotetrasiloxane, octamethyl-	430	J			6.793	
000541-02-6	Cyclopentasiloxane, decamethyl-	190	J			9.198	
000057-10-3	n-Hexadecanoic acid	170	J			17.992	
E966796	Total Alkanes	41	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102524
Lab Sample ID:	P4436-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.7
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
BP022612.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.3	140	ug/Kg
100-52-7	Benzaldehyde	97	U	97	180	710	ug/Kg
110-86-1	Pyridine	71	U	71	360	710	ug/Kg
108-95-2	Phenol	93	U	93	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	86	U	86	180	710	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	91.8	370	ug/Kg
95-48-7	2-Methylphenol	84	U	84	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	710	ug/Kg
98-86-2	Acetophenone	220	J	86	180	710	ug/Kg
106-44-5	4-Methylphenol	80	U	80	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	91.8	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	91.8	370	ug/Kg
98-95-3	Nitrobenzene	67	U	67	91.8	370	ug/Kg
78-59-1	Isophorone	100	U	100	91.8	370	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	91.8	370	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	91.8	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	91.8	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	91.8	370	ug/Kg
91-20-3	Naphthalene	54	U	54	91.8	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	91.8	710	ug/Kg
87-68-3	Hexachlorobutadiene	95	U	95	91.8	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	91.8	370	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	91.8	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	91.8	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	91.8	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	U	84	91.8	370	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102524
Lab Sample ID:	P4436-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.7
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
BP022612.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	91.8	370	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	91.8	370	ug/Kg
88-74-4	2-Nitroaniline	89	U	89	91.8	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	91.8	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	95	U	95	91.8	370	ug/Kg
208-96-8	Acenaphthylene	69	U	69	91.8	370	ug/Kg
99-09-2	3-Nitroaniline	95	U	95	180	710	ug/Kg
83-32-9	Acenaphthene	120	J	63	91.8	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	710	ug/Kg
100-02-7	4-Nitrophenol	95	U	95	180	710	ug/Kg
132-64-9	Dibenzofuran	99	J	69	91.8	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	93	U	93	91.8	370	ug/Kg
84-66-2	Diethylphthalate	65	U	65	91.8	370	ug/Kg
86-73-7	Fluorene	140	J	54	91.8	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43	U	43	91.8	370	ug/Kg
100-01-6	4-Nitroaniline	67	U	67	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	71	91.8	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	91.8	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	91.8	370	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	91.8	370	ug/Kg
1912-24-9	Atrazine	150	U	150	180	710	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	710	ug/Kg
85-01-8	Phenanthrene	1300		63	91.8	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	91.8	370	ug/Kg
120-12-7	Anthracene	340	J	54	91.8	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	91.8	370	ug/Kg
86-74-8	Carbazole	110	J	60	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	91.8	370	ug/Kg
206-44-0	Fluoranthene	1700		120	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102524
Lab Sample ID:	P4436-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.7
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
BP022612.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		110	91.8	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	91.8	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	770		58	91.8	370	ug/Kg
218-01-9	Chrysene	700		67	91.8	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	91.8	370	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	870		71	91.8	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	J	82	91.8	370	ug/Kg
50-32-8	Benzo(a)pyrene	310	J	69	91.8	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	67	91.8	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	60	91.8	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	91.8	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	91.8	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.244		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	1.535	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	7.886		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.844		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.549		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	7.491		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	8.513		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.084		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.022		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.668		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.307		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.869		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.256		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.55		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102524
Lab Sample ID:	P4436-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.7
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
BP022612.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.609		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	9.91		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	8.671		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.665		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140884	7.652				
1146-65-2	Naphthalene-d8	536359	10.399				
15067-26-2	Acenaphthene-d10	425065	14.257				
1517-22-2	Phenanthrene-d10	965567	17.057				
1719-03-5	Chrysene-d12	1007161	21.498				
1520-96-3	Perylene-d12	1158542	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	330	J			9.193	
000119-61-9	Benzophenone	190	J			15.645	
000057-10-3	n-Hexadecanoic acid	530	J			17.998	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102524
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022613.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.9	110	ug/Kg
100-52-7	Benzaldehyde	74	U	74	140	540	ug/Kg
110-86-1	Pyridine	54	U	54	270	540	ug/Kg
108-95-2	Phenol	71	U	71	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	140	540	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	69.9	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99	U	99	140	540	ug/Kg
98-86-2	Acetophenone	110	J	66	140	540	ug/Kg
106-44-5	4-Methylphenol	61	U	61	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	69.9	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	69.9	280	ug/Kg
98-95-3	Nitrobenzene	51	U	51	69.9	280	ug/Kg
78-59-1	Isophorone	79	U	79	69.9	280	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	69.9	280	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	69.9	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	69.9	280	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	69.9	280	ug/Kg
91-20-3	Naphthalene	41	U	41	69.9	280	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	69.9	540	ug/Kg
87-68-3	Hexachlorobutadiene	72	U	72	69.9	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81	U	81	69.9	280	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	69.9	280	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	69.9	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	69.9	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	69.9	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102524
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022613.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	69.9	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	69.9	280	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	69.9	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	69.9	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	72	U	72	69.9	280	ug/Kg
208-96-8	Acenaphthylene	53	U	53	69.9	280	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	140	540	ug/Kg
83-32-9	Acenaphthene	48	U	48	69.9	280	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	140	540	ug/Kg
100-02-7	4-Nitrophenol	72	U	72	140	540	ug/Kg
132-64-9	Dibenzofuran	53	U	53	69.9	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	71	U	71	69.9	280	ug/Kg
84-66-2	Diethylphthalate	49	U	49	69.9	280	ug/Kg
86-73-7	Fluorene	41	U	41	69.9	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	69.9	280	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	69.9	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	69.9	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	69.9	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	69.9	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	540	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	540	ug/Kg
85-01-8	Phenanthrene	150	J	48	69.9	280	ug/Kg
608-93-5	Pentachlorobenzene	86	U	86	69.9	280	ug/Kg
120-12-7	Anthracene	41	U	41	69.9	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	82	U	82	69.9	280	ug/Kg
86-74-8	Carbazole	46	U	46	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	69.9	280	ug/Kg
206-44-0	Fluoranthene	250	J	89	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102524
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022613.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	81	69.9	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	69.9	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	79	U	79	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	44	69.9	280	ug/Kg
218-01-9	Chrysene	120	J	51	69.9	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	69.9	280	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	54	69.9	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	69.9	280	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	69.9	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	69.9	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	69.9	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	69.9	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	69.9	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.623		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	1.595	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	9.652		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.145		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.553		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.385		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	9.599		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.355		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.195		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.27		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.507		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.435		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.928		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	10.996		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102524
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022613.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.474		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.579		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	9.655		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.149		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119651	7.652				
1146-65-2	Naphthalene-d8	473292	10.405				
15067-26-2	Acenaphthene-d10	371348	14.257				
1517-22-2	Phenanthrene-d10	871875	17.063				
1719-03-5	Chrysene-d12	933173	21.504				
1520-96-3	Perylene-d12	1112767	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	150	J			9.199	
000119-61-9	Benzophenone	140	J			15.64	
000057-10-3	n-Hexadecanoic acid	170	J			17.992	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	580	J			18.739	
E966796	Total Alkanes	39	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102524
Lab Sample ID:	P4436-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.9
Sample Wt/Vol:	30	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
BP022614.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77.1	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	110	J	73	150	600	ug/Kg
106-44-5	4-Methylphenol	67	U	67	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	77.1	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77.1	310	ug/Kg
98-95-3	Nitrobenzene	56	U	56	77.1	310	ug/Kg
78-59-1	Isophorone	87	U	87	77.1	310	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	77.1	310	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	77.1	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	77.1	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77.1	310	ug/Kg
91-20-3	Naphthalene	45	U	45	77.1	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	77.1	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77.1	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	77.1	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77.1	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77.1	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	77.1	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77.1	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102524
Lab Sample ID:	P4436-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.9
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
BP022614.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	77.1	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	77.1	310	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	77.1	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77.1	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77.1	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	77.1	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	53	U	53	77.1	310	ug/Kg
51-28-5	2,4-Dinitrophenol	87	U	87	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	77.1	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	77.1	310	ug/Kg
84-66-2	Diethylphthalate	54	U	54	77.1	310	ug/Kg
86-73-7	Fluorene	45	U	45	77.1	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	77.1	310	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77.1	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	77.1	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77.1	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	77.1	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	600	ug/Kg
85-01-8	Phenanthrene	430		53	77.1	310	ug/Kg
608-93-5	Pentachlorobenzene	94	U	94	77.1	310	ug/Kg
120-12-7	Anthracene	64	J	45	77.1	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77.1	310	ug/Kg
86-74-8	Carbazole	51	U	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77.1	310	ug/Kg
206-44-0	Fluoranthene	550		98	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102524
Lab Sample ID:	P4436-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.9
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
BP022614.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		89	77.1	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77.1	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	87	U	87	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	49	77.1	310	ug/Kg
218-01-9	Chrysene	230	J	56	77.1	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	77.1	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	J	60	77.1	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	J	69	77.1	310	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	58	77.1	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	77.1	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	77.1	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	77.1	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77.1	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.428		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.501	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	8.74		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.318		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.856		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	7.381		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	10.107		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.371		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.858		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.555		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.888		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.626		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.313		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	11.52		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102524
Lab Sample ID:	P4436-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.9
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
BP022614.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.268		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	10.941		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	9.99		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.095		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119386	7.652				
1146-65-2	Naphthalene-d8	460520	10.404				
15067-26-2	Acenaphthene-d10	362589	14.263				
1517-22-2	Phenanthrene-d10	876088	17.069				
1719-03-5	Chrysene-d12	876563	21.498				
1520-96-3	Perylene-d12	1029419	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	140	J			9.193	
000119-61-9	Benzophenone	170	J			15.645	
000057-10-3	n-Hexadecanoic acid	200	J			17.998	
000544-77-4	Hexadecane, 1-iodo-	150	J			23.904	
E966796	Total Alkanes	44	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:	A4F36	SDG No.:	BP102524
Lab Sample ID:	P4436-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.5
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
BP022615.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.1	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	860	ug/Kg
110-86-1	Pyridine	86	U	86	430	860	ug/Kg
108-95-2	Phenol	110	U	110	210	860	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	860	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	110	440	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	860	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	210	860	ug/Kg
98-86-2	Acetophenone	100	U	100	210	860	ug/Kg
106-44-5	4-Methylphenol	96	U	96	210	860	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	440	ug/Kg
67-72-1	Hexachloroethane	47	U	47	110	440	ug/Kg
98-95-3	Nitrobenzene	81	U	81	110	440	ug/Kg
78-59-1	Isophorone	120	U	120	110	440	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	110	440	ug/Kg
91-20-3	Naphthalene	65	U	65	110	440	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	110	860	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	440	ug/Kg
105-60-2	Caprolactam	190	U	190	210	860	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	86	U	86	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	210	860	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	440	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:	A4F36	SDG No.:	BP102524
Lab Sample ID:	P4436-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022615.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	110	440	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	440	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	440	ug/Kg
208-96-8	Acenaphthylene	83	U	83	110	440	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	860	ug/Kg
83-32-9	Acenaphthene	75	U	75	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	860	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	860	ug/Kg
132-64-9	Dibenzofuran	83	U	83	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	440	ug/Kg
84-66-2	Diethylphthalate	78	U	78	110	440	ug/Kg
86-73-7	Fluorene	65	U	65	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	110	440	ug/Kg
100-01-6	4-Nitroaniline	81	U	81	210	860	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	860	ug/Kg
86-30-6	N-Nitrosodiphenylamine	86	U	86	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	75	U	75	110	440	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	110	440	ug/Kg
1912-24-9	Atrazine	180	U	180	210	860	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	860	ug/Kg
85-01-8	Phenanthrene	75	U	75	110	440	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	440	ug/Kg
120-12-7	Anthracene	65	U	65	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	440	ug/Kg
86-74-8	Carbazole	73	U	73	210	860	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	440	ug/Kg
206-44-0	Fluoranthene	140	U	140	210	440	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:	A4F36	SDG No.:	BP102524
Lab Sample ID:	P4436-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.5
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
BP022615.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	860	ug/Kg
56-55-3	Benzo(a)anthracene	70	U	70	110	440	ug/Kg
218-01-9	Chrysene	81	U	81	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	210	860	ug/Kg
205-99-2	Benzo(b)fluoranthene	86	U	86	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	U	99	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	83	U	83	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	U	81	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	U	73	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	68	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86	U	86	110	440	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.706		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	8.637		20-120		22	SPK: -40
4165-62-2	Phenol-d5	10.788		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.098		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.092		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.896		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.175		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.941		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.348		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.389		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.051		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.677		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.841		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	14.746		20-140		37	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:	A4F36	SDG No.:	BP102524
Lab Sample ID:	P4436-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022615.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.781		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	15.751		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	17.035		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.342		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127363	7.652				
1146-65-2	Naphthalene-d8	483795	10.41				
15067-26-2	Acenaphthene-d10	370339	14.269				
1517-22-2	Phenanthrene-d10	843900	17.069				
1719-03-5	Chrysene-d12	856882	21.516				
1520-96-3	Perylene-d12	1002090	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	190	J			9.199	
000119-61-9	Benzophenone	490	J			15.651	
000057-10-3	n-Hexadecanoic acid	270	J			18.004	
E966796	Total Alkanes	62	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:	SLCS325	SDG No.:	BP102524
Lab Sample ID:	PB164325BS	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
BP022616.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	180	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	730		33	170	330	ug/Kg
108-95-2	Phenol	830		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	870		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	840		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	780		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	820		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	790		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	800		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	790		31	42.5	170	ug/Kg
78-59-1	Isophorone	800		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	870		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	790		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	900		16	42.5	170	ug/Kg
91-20-3	Naphthalene	830		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	480		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	850		44	42.5	170	ug/Kg
105-60-2	Caprolactam	820		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	810		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	830		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	870		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	890		39	42.5	170	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:	SLCS325	SDG No.:	BP102524
Lab Sample ID:	PB164325BS	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
BP022616.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	820		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	830		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	810		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	800		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	830		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	830		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	820		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	790		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	820		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	830		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	880		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	830		30	42.5	170	ug/Kg
86-73-7	Fluorene	830		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	960		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	810		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	830		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	830		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	880		32	42.5	170	ug/Kg
1912-24-9	Atrazine	870		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	870		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	830		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	810		52	42.5	170	ug/Kg
120-12-7	Anthracene	820		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	840		50	42.5	170	ug/Kg
86-74-8	Carbazole	830		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	840		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	880		54	82.5	170	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:	SLCS325	SDG No.:	BP102524
Lab Sample ID:	PB164325BS	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
BP022616.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	850		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	870		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	820		27	42.5	170	ug/Kg
218-01-9	Chrysene	830		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	870		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	860		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	890		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.925		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	22.32		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.277		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.802		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.082		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.251		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.153		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.587		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.098		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.514		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.543		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.055		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.802		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	24.712		20-140		62	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:	SLCS325	SDG No.:	BP102524
Lab Sample ID:	PB164325BS	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
BP022616.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.861		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	25.037		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.763		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.391		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101847	7.652				
1146-65-2	Naphthalene-d8	380510	10.404				
15067-26-2	Acenaphthene-d10	294963	14.263				
1517-22-2	Phenanthrene-d10	714900	17.069				
1719-03-5	Chrysene-d12	785976	21.504				
1520-96-3	Perylene-d12	893529	24.768				
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:	SLCS352	SDG No.:	BP102524
Lab Sample ID:	PB164352BS	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
BP022617.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	180	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	720		33	170	330	ug/Kg
108-95-2	Phenol	840		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	860		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	850		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750		60	82.5	330	ug/Kg
98-86-2	Acetophenone	780		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	830		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	800		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	800		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	770		31	42.5	170	ug/Kg
78-59-1	Isophorone	770		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	840		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	780		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	750		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	860		16	42.5	170	ug/Kg
91-20-3	Naphthalene	790		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	480		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	810		44	42.5	170	ug/Kg
105-60-2	Caprolactam	800		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	780		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	810		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	850		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	860		39	42.5	170	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:	SLCS352	SDG No.:	BP102524
Lab Sample ID:	PB164352BS	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
BP022617.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	800		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	790		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	810		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	790		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	870		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	800		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	830		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	800		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	800		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	830		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	810		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	880		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	810		30	42.5	170	ug/Kg
86-73-7	Fluorene	820		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	800		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	970		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	800		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	830		32	42.5	170	ug/Kg
1912-24-9	Atrazine	860		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	840		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	800		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	770		52	42.5	170	ug/Kg
120-12-7	Anthracene	810		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	780		50	42.5	170	ug/Kg
86-74-8	Carbazole	820		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	810		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	840		54	82.5	170	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:	SLCS352	SDG No.:	BP102524
Lab Sample ID:	PB164352BS	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
BP022617.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	840		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	800		27	42.5	170	ug/Kg
218-01-9	Chrysene	780		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	780		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	840		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	830		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	810		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	820		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	820		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.824		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	22.315		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.888		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.766		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.231		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.127		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.387		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.519		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.126		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.82		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.98		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.127		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.402		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	24.159		20-140		60	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:	SLCS352	SDG No.:	BP102524
Lab Sample ID:	PB164352BS	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
BP022617.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.691		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	24.208		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.12		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.646		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106464	7.652				
1146-65-2	Naphthalene-d8	417548	10.41				
15067-26-2	Acenaphthene-d10	330546	14.275				
1517-22-2	Phenanthrene-d10	823292	17.081				
1719-03-5	Chrysene-d12	922288	21.516				
1520-96-3	Perylene-d12	1053239	24.78				
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:	SBLK359	SDG No.:	BP102524
Lab Sample ID:	PB164359BL	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
BP022619.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK359	SDG No.:	BP102524
Lab Sample ID:	PB164359BL	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
BP022619.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK359	SDG No.:	BP102524
Lab Sample ID:	PB164359BL	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
BP022619.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

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	4.103		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	21.893		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.116		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.953		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.081		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.41		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.338		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.925		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.633		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.705		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.884		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.311		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.635		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.478		20-140		61	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:	SBLK359	SDG No.:	BP102524
Lab Sample ID:	PB164359BL	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
BP022619.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.049		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.62		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.201		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.916		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96913	7.652				
1146-65-2	Naphthalene-d8	369860	10.41				
15067-26-2	Acenaphthene-d10	281256	14.269				
1517-22-2	Phenanthrene-d10	664409	17.069				
1719-03-5	Chrysene-d12	751984	21.51				
1520-96-3	Perylene-d12	856401	24.78				
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:	A4F37	SDG No.:	BP102524
Lab Sample ID:	P4436-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67
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
BP022620.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.9	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	1000	ug/Kg
110-86-1	Pyridine	100	U	100	500	1000	ug/Kg
108-95-2	Phenol	130	U	130	250	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	1000	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	1000	ug/Kg
98-86-2	Acetophenone	120	U	120	250	1000	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	94	U	94	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	94	U	94	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	76	U	76	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	76	U	76	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	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:	A4F37	SDG No.:	BP102524
Lab Sample ID:	P4436-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67
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
BP022620.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	79	U	79	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	88	U	88	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	97	U	97	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	1000	ug/Kg
83-32-9	Acenaphthene	88	U	88	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	1000	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	1000	ug/Kg
132-64-9	Dibenzofuran	97	U	97	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	91	U	91	130	510	ug/Kg
86-73-7	Fluorene	76	U	76	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	94	U	94	250	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88	U	88	130	510	ug/Kg
118-74-1	Hexachlorobenzene	97	U	97	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	1000	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	1000	ug/Kg
85-01-8	Phenanthrene	88	U	88	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	76	U	76	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	85	U	85	250	1000	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	250	J	160	250	510	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:	A4F37	SDG No.:	BP102524
Lab Sample ID:	P4436-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67
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
BP022620.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	1000	ug/Kg
56-55-3	Benzo(a)anthracene	82	U	82	130	510	ug/Kg
218-01-9	Chrysene	120	J	94	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	100	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	97	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	U	94	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	U	85	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79	U	79	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.578		20-120		34	SPK: -40
4165-62-2	Phenol-d5	18.405		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.844		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.435		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	20.128		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.486		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.334		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.671		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.195		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.62		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.917		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.778		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.626		20-140		59	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:	A4F37	SDG No.:	BP102524
Lab Sample ID:	P4436-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67
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
BP022620.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.682		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	23.475		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.366		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.621		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77105	7.652				
1146-65-2	Naphthalene-d8	295803	10.404				
15067-26-2	Acenaphthene-d10	234435	14.263				
1517-22-2	Phenanthrene-d10	604177	17.086				
1719-03-5	Chrysene-d12	695974	21.504				
1520-96-3	Perylene-d12	846842	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1200	J			15.663	
000057-10-3	n-Hexadecanoic acid	450	J			18.016	
	(DEL) Alkane: Straight-Chain	23.898	J			23.898	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F47	SDG No.:	BP102524
Lab Sample ID:	P4436-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.4
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
BP022621.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	15.1	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	750	ug/Kg
110-86-1	Pyridine	75	U	75	380	750	ug/Kg
108-95-2	Phenol	98	U	98	190	750	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	91	U	91	190	750	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	97.2	390	ug/Kg
95-48-7	2-Methylphenol	89	U	89	190	750	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	750	ug/Kg
98-86-2	Acetophenone	91	U	91	190	750	ug/Kg
106-44-5	4-Methylphenol	85	U	85	190	750	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	97.2	390	ug/Kg
67-72-1	Hexachloroethane	41	U	41	97.2	390	ug/Kg
98-95-3	Nitrobenzene	71	U	71	97.2	390	ug/Kg
78-59-1	Isophorone	110	U	110	97.2	390	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	97.2	390	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	57	97.2	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	98	U	98	97.2	390	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	97.2	390	ug/Kg
91-20-3	Naphthalene	200	J	57	97.2	390	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	97.2	750	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	97.2	390	ug/Kg
105-60-2	Caprolactam	160	U	160	190	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	97.2	390	ug/Kg
90-12-0	1-Methylnaphthalene	100	J	75	97.2	390	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	53	97.2	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	97.2	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89	U	89	97.2	390	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F47	SDG No.:	BP102524
Lab Sample ID:	P4436-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022621.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	97.2	390	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	97.2	390	ug/Kg
88-74-4	2-Nitroaniline	94	U	94	97.2	390	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	97.2	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	97.2	390	ug/Kg
208-96-8	Acenaphthylene	73	U	73	97.2	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	190	750	ug/Kg
83-32-9	Acenaphthene	400		66	97.2	390	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	750	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	750	ug/Kg
132-64-9	Dibenzofuran	340	J	73	97.2	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	98	U	98	97.2	390	ug/Kg
84-66-2	Diethylphthalate	69	U	69	97.2	390	ug/Kg
86-73-7	Fluorene	500		57	97.2	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	46	U	46	97.2	390	ug/Kg
100-01-6	4-Nitroaniline	71	U	71	190	750	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	190	750	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	97.2	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	97.2	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	97.2	390	ug/Kg
118-74-1	Hexachlorobenzene	73	U	73	97.2	390	ug/Kg
1912-24-9	Atrazine	160	U	160	190	750	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	750	ug/Kg
85-01-8	Phenanthrene	3800		66	97.2	390	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	97.2	390	ug/Kg
120-12-7	Anthracene	1000		57	97.2	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	97.2	390	ug/Kg
86-74-8	Carbazole	330	J	64	190	750	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	97.2	390	ug/Kg
206-44-0	Fluoranthene	3500		120	190	390	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F47	SDG No.:	BP102524
Lab Sample ID:	P4436-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.4
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
BP022621.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500		110	97.2	390	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	97.2	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	750	ug/Kg
56-55-3	Benzo(a)anthracene	1200		62	97.2	390	ug/Kg
218-01-9	Chrysene	1100		71	97.2	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	U	220	97.2	390	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	190	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		75	97.2	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		87	97.2	390	ug/Kg
50-32-8	Benzo(a)pyrene	920		73	97.2	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		71	97.2	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	64	97.2	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520		59	97.2	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75	U	75	97.2	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.027		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	10.107		20-120		25	SPK: -40
4165-62-2	Phenol-d5	14.049		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.19		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.157		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	14.899		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	13.851		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.092		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.417		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.782		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.336		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	15.93		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.46		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	17.771		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F47	SDG No.:	BP102524
Lab Sample ID:	P4436-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BP022621.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.881		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	19.059		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.709		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.517		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92992	7.652				
1146-65-2	Naphthalene-d8	351968	10.404				
15067-26-2	Acenaphthene-d10	270688	14.269				
1517-22-2	Phenanthrene-d10	668837	17.075				
1719-03-5	Chrysene-d12	765725	21.51				
1520-96-3	Perylene-d12	921497	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	410	J			15.645	
000132-65-0	Dibenzothiophene	230	J			16.886	
000832-69-9	Phenanthrene, 1-methyl-	280	J			17.98	
002531-84-2	Phenanthrene, 2-methyl-	630	J			18.028	
000779-02-2	Anthracene, 9-methyl-	150	J			18.122	
004505-48-0	1H-Indene, 2-phenyl-	170	J			18.222	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	270	J			18.504	
000243-17-4	11H-Benzo[b]fluorene	170	J			20.116	
	(DEL) Alkane: Straight-Chain23.910	390	J			23.91	
000192-97-2	Benzo[e]pyrene	460	J			24.486	
E966796	Total Alkanes	390				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F49	SDG No.:	BP102524
Lab Sample ID:	P4436-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.8
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
BP022622.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	21.8	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	110	U	110	540	1100	ug/Kg
108-95-2	Phenol	140	U	140	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	270	1100	ug/Kg
95-57-8	2-Chlorophenol	76	U	76	140	560	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	270	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	270	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	140	560	ug/Kg
67-72-1	Hexachloroethane	59	U	59	140	560	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	560	ug/Kg
78-59-1	Isophorone	160	U	160	140	560	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	560	ug/Kg
105-67-9	2,4-Dimethylphenol	83	U	83	140	560	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	560	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	140	560	ug/Kg
91-20-3	Naphthalene	83	U	83	140	560	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	140	560	ug/Kg
105-60-2	Caprolactam	240	U	240	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	560	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	560	ug/Kg
91-57-6	2-Methylnaphthalene	76	U	76	140	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	310	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F49	SDG No.:	BP102524
Lab Sample ID:	P4436-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.8
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
BP022622.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	140	560	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	140	560	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	140	560	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	140	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	140	560	ug/Kg
208-96-8	Acenaphthylene	110	U	110	140	560	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	270	1100	ug/Kg
83-32-9	Acenaphthene	96	U	96	140	560	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	270	1100	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	270	1100	ug/Kg
132-64-9	Dibenzofuran	110	U	110	140	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	560	ug/Kg
84-66-2	Diethylphthalate	99	U	99	140	560	ug/Kg
86-73-7	Fluorene	83	U	83	140	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	140	560	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	79	140	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96	U	96	140	560	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	560	ug/Kg
1912-24-9	Atrazine	230	U	230	270	1100	ug/Kg
87-86-5	Pentachlorophenol	240	U	240	270	1100	ug/Kg
85-01-8	Phenanthrene	96	U	96	140	560	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	560	ug/Kg
120-12-7	Anthracene	83	U	83	140	560	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	170	U	170	140	560	ug/Kg
86-74-8	Carbazole	92	U	92	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	560	ug/Kg
206-44-0	Fluoranthene	190	J	180	270	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F49	SDG No.:	BP102524
Lab Sample ID:	P4436-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.8
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
BP022622.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	160	140	560	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	280	140	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	89	U	89	140	560	ug/Kg
218-01-9	Chrysene	100	U	100	140	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	140	560	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	110	140	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	140	560	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	140	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	140	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	U	92	140	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	140	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	560	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.182		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	9.582		20-120		24	SPK: -40
4165-62-2	Phenol-d5	15.528		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.779		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.672		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.411		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	16.262		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.821		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.953		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.26		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.991		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.625		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.607		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.302		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F49	SDG No.:	BP102524
Lab Sample ID:	P4436-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.8
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
BP022622.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.212		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	20.821		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	23.299		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.296		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119635	7.652				
1146-65-2	Naphthalene-d8	460601	10.404				
15067-26-2	Acenaphthene-d10	353781	14.263				
1517-22-2	Phenanthrene-d10	807633	17.069				
1719-03-5	Chrysene-d12	796702	21.51				
1520-96-3	Perylene-d12	909683	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.645	
000057-10-3	n-Hexadecanoic acid	370	J			18.004	
	(DEL) Alkane: Straight-Chain	21.192	J			21.192	
	(DEL) Alkane: Straight-Chain	23.910	J			23.91	
E966796	Total Alkanes	770				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:	A4F38	SDG No.:	BP102524
Lab Sample ID:	P4436-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.9
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
BP022623.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	15.3	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	760	ug/Kg
110-86-1	Pyridine	76	U	76	380	760	ug/Kg
108-95-2	Phenol	99	U	99	190	760	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	92	U	92	190	760	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	98.3	390	ug/Kg
95-48-7	2-Methylphenol	90	U	90	190	760	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	760	ug/Kg
98-86-2	Acetophenone	92	U	92	190	760	ug/Kg
106-44-5	4-Methylphenol	86	U	86	190	760	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	98.3	390	ug/Kg
67-72-1	Hexachloroethane	42	U	42	98.3	390	ug/Kg
98-95-3	Nitrobenzene	72	U	72	98.3	390	ug/Kg
78-59-1	Isophorone	110	U	110	98.3	390	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	98.3	390	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	58	98.3	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	99	U	99	98.3	390	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	98.3	390	ug/Kg
91-20-3	Naphthalene	58	U	58	98.3	390	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	98.3	760	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	98.3	390	ug/Kg
105-60-2	Caprolactam	170	U	170	190	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	98.3	390	ug/Kg
90-12-0	1-Methylnaphthalene	76	U	76	98.3	390	ug/Kg
91-57-6	2-Methylnaphthalene	53	U	53	98.3	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	98.3	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90	U	90	98.3	390	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:	A4F38	SDG No.:	BP102524
Lab Sample ID:	P4436-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.9
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
BP022623.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	98.3	390	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	60	98.3	390	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	98.3	390	ug/Kg
131-11-3	Dimethylphthalate	67	U	67	98.3	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	98.3	390	ug/Kg
208-96-8	Acenaphthylene	74	U	74	98.3	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	190	760	ug/Kg
83-32-9	Acenaphthene	67	U	67	98.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	760	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	760	ug/Kg
132-64-9	Dibenzofuran	74	U	74	98.3	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	99	U	99	98.3	390	ug/Kg
84-66-2	Diethylphthalate	69	U	69	98.3	390	ug/Kg
86-73-7	Fluorene	58	U	58	98.3	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	46	U	46	98.3	390	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	190	760	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	190	760	ug/Kg
86-30-6	N-Nitrosodiphenylamine	76	U	76	98.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	98.3	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	98.3	390	ug/Kg
118-74-1	Hexachlorobenzene	74	U	74	98.3	390	ug/Kg
1912-24-9	Atrazine	160	U	160	190	760	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	760	ug/Kg
85-01-8	Phenanthrene	67	U	67	98.3	390	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	98.3	390	ug/Kg
120-12-7	Anthracene	58	U	58	98.3	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	98.3	390	ug/Kg
86-74-8	Carbazole	65	U	65	190	760	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	98.3	390	ug/Kg
206-44-0	Fluoranthene	160	J	120	190	390	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:	A4F38	SDG No.:	BP102524
Lab Sample ID:	P4436-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.9
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
BP022623.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	110	98.3	390	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	98.3	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	760	ug/Kg
56-55-3	Benzo(a)anthracene	62	U	62	98.3	390	ug/Kg
218-01-9	Chrysene	77	J	72	98.3	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	U	220	98.3	390	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	190	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	J	76	98.3	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	98.3	390	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	98.3	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	U	72	98.3	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	98.3	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	98.3	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	76	U	76	98.3	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.514		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	12.975		20-120		32	SPK: -40
4165-62-2	Phenol-d5	17.522		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.254		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.564		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	19.312		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	17.881		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.092		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.181		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.824		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.963		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.044		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.78		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	21.92		20-140		55	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:	A4F38	SDG No.:	BP102524
Lab Sample ID:	P4436-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.9
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
BP022623.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.279		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	21.995		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.482		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.69		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117091	7.652				
1146-65-2	Naphthalene-d8	453201	10.404				
15067-26-2	Acenaphthene-d10	343075	14.269				
1517-22-2	Phenanthrene-d10	828586	17.075				
1719-03-5	Chrysene-d12	842062	21.51				
1520-96-3	Perylene-d12	965468	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.657	
000057-10-3	n-Hexadecanoic acid	320	J			18.01	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			21.186	
	(DEL) Alkane: Straight-Chain	430	J			23.916	
E966796	Total Alkanes	430				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:	A4F41	SDG No.:	BP102524
Lab Sample ID:	P4436-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.3
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
BP022624.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	13.8	140	ug/Kg
100-52-7	Benzaldehyde	94	U	94	170	690	ug/Kg
110-86-1	Pyridine	69	U	69	350	690	ug/Kg
108-95-2	Phenol	99	J	90	170	690	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	170	690	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	89.1	360	ug/Kg
95-48-7	2-Methylphenol	82	U	82	170	690	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	170	690	ug/Kg
98-86-2	Acetophenone	230	J	84	170	690	ug/Kg
106-44-5	4-Methylphenol	78	U	78	170	690	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	89.1	360	ug/Kg
67-72-1	Hexachloroethane	38	U	38	89.1	360	ug/Kg
98-95-3	Nitrobenzene	65	U	65	89.1	360	ug/Kg
78-59-1	Isophorone	100	U	100	89.1	360	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	89.1	360	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	89.1	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	90	U	90	89.1	360	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	89.1	360	ug/Kg
91-20-3	Naphthalene	52	U	52	89.1	360	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	89.1	690	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	89.1	360	ug/Kg
105-60-2	Caprolactam	150	U	150	170	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	89.1	360	ug/Kg
90-12-0	1-Methylnaphthalene	69	U	69	89.1	360	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	89.1	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	89.1	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	89.1	360	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:	A4F41	SDG No.:	BP102524
Lab Sample ID:	P4436-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.3
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
BP022624.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	89.1	360	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	89.1	360	ug/Kg
88-74-4	2-Nitroaniline	86	U	86	89.1	360	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	89.1	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	92	U	92	89.1	360	ug/Kg
208-96-8	Acenaphthylene	67	U	67	89.1	360	ug/Kg
99-09-2	3-Nitroaniline	92	U	92	170	690	ug/Kg
83-32-9	Acenaphthene	61	U	61	89.1	360	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	170	690	ug/Kg
100-02-7	4-Nitrophenol	92	U	92	170	690	ug/Kg
132-64-9	Dibenzofuran	67	U	67	89.1	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90	U	90	89.1	360	ug/Kg
84-66-2	Diethylphthalate	63	U	63	89.1	360	ug/Kg
86-73-7	Fluorene	52	U	52	89.1	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	89.1	360	ug/Kg
100-01-6	4-Nitroaniline	65	U	65	170	690	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	69	U	69	89.1	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	89.1	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	89.1	360	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	89.1	360	ug/Kg
1912-24-9	Atrazine	150	U	150	170	690	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	170	690	ug/Kg
85-01-8	Phenanthrene	260	J	61	89.1	360	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	89.1	360	ug/Kg
120-12-7	Anthracene	52	U	52	89.1	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	89.1	360	ug/Kg
86-74-8	Carbazole	59	U	59	170	690	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	89.1	360	ug/Kg
206-44-0	Fluoranthene	590		110	170	360	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:	A4F41	SDG No.:	BP102524
Lab Sample ID:	P4436-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.3
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
BP022624.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340	J	100	89.1	360	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	89.1	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	690	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	57	89.1	360	ug/Kg
218-01-9	Chrysene	240	J	65	89.1	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	89.1	360	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	170	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	69	89.1	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	J	80	89.1	360	ug/Kg
50-32-8	Benzo(a)pyrene	95	J	67	89.1	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	J	65	89.1	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	89.1	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	89.1	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	89.1	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.722		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.949	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	10.239		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.203		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.094		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	8.008		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.39		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.406		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.887		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.274		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.873		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	11.249		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.681		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.189		20-140		30	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:	A4F41	SDG No.:	BP102524
Lab Sample ID:	P4436-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.3
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
BP022624.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.809		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.973		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.495		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.539		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86184	7.646				
1146-65-2	Naphthalene-d8	335161	10.41				
15067-26-2	Acenaphthene-d10	260558	14.269				
1517-22-2	Phenanthrene-d10	657738	17.069				
1719-03-5	Chrysene-d12	689393	21.522				
1520-96-3	Perylene-d12	819840	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	780	J			15.651	
000057-10-3	n-Hexadecanoic acid	450	J			18.004	
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	680	J			18.61	
000483-65-8	Retene	7700	J			20.039	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			21.192	
	(DEL) Alkane: Straight-Chain23.916	360	J			23.916	
E966796	Total Alkanes	360				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:	A4F39	SDG No.:	BP102524
Lab Sample ID:	P4436-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP022625.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	12.9	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	84	U	84	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.2	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	140	J	78	160	650	ug/Kg
106-44-5	4-Methylphenol	72	U	72	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.2	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.2	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.2	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.2	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.2	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.2	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	83.2	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.2	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.2	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.2	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.2	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.2	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.2	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.2	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.2	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	83.2	330	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:	A4F39	SDG No.:	BP102524
Lab Sample ID:	P4436-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP022625.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.2	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.2	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	83.2	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.2	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.2	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.2	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.2	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.2	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	83.2	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.2	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.2	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.2	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.2	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.2	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.2	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.2	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	650	ug/Kg
85-01-8	Phenanthrene	120	J	57	83.2	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.2	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.2	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.2	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.2	330	ug/Kg
206-44-0	Fluoranthene	340		110	160	330	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:	A4F39	SDG No.:	BP102524
Lab Sample ID:	P4436-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP022625.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	96	83.2	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	83.2	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	53	83.2	330	ug/Kg
218-01-9	Chrysene	160	J	61	83.2	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.2	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	65	83.2	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	J	74	83.2	330	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	83.2	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	83.2	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.2	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.2	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.2	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.888		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.83		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.828		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.988		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	10.511		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	13.771		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.063		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.707		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.519		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.748		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	14.029		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.948		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	14.627		20-140		37	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:	A4F39	SDG No.:	BP102524
Lab Sample ID:	P4436-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP022625.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.197		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	14.247		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	13.155		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.664		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90368	7.646				
1146-65-2	Naphthalene-d8	342315	10.404				
15067-26-2	Acenaphthene-d10	265845	14.269				
1517-22-2	Phenanthrene-d10	643310	17.069				
1719-03-5	Chrysene-d12	699048	21.516				
1520-96-3	Perylene-d12	830341	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.651	
000057-10-3	n-Hexadecanoic acid	250	J			18.004	
	(DEL) Alkane: Cyclic	21.192	J			21.192	
	(DEL) Alkane: Straight-Chain	23.915	J			23.915	
E966796	Total Alkanes	360				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:	A4F40	SDG No.:	BP102524
Lab Sample ID:	P4436-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
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
BP022626.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.2	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	73	U	73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.3	290	ug/Kg
95-48-7	2-Methylphenol	66	U	66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	120	J	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.3	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.3	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.3	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.3	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	72.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	72.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.3	290	ug/Kg
91-20-3	Naphthalene	43	U	43	72.3	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.3	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.3	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83	U	83	72.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	72.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	72.3	290	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:	A4F40	SDG No.:	BP102524
Lab Sample ID:	P4436-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
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
BP022626.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.3	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.3	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	72.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.3	290	ug/Kg
208-96-8	Acenaphthylene	54	U	54	72.3	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	72.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	54	U	54	72.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	72.3	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.3	290	ug/Kg
86-73-7	Fluorene	43	U	43	72.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.3	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	72.3	290	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	72.3	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	93	J	49	72.3	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	72.3	290	ug/Kg
120-12-7	Anthracene	43	U	43	72.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.3	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.3	290	ug/Kg
206-44-0	Fluoranthene	200	J	92	140	290	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:	A4F40	SDG No.:	BP102524
Lab Sample ID:	P4436-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
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
BP022626.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	83	72.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	83	J	46	72.3	290	ug/Kg
218-01-9	Chrysene	95	J	53	72.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	56	72.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	72.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	72.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	72.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	72.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.472		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.861	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	9.555		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.8		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.878		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	7.924		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.838		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.17		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.617		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.764		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.528		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.519		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.07		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	11.887		20-140		30	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:	A4F40	SDG No.:	BP102524
Lab Sample ID:	P4436-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
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
BP022626.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.079		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.74		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	10.872		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.18		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95754	7.646				
1146-65-2	Naphthalene-d8	360806	10.404				
15067-26-2	Acenaphthene-d10	271931	14.269				
1517-22-2	Phenanthrene-d10	653062	17.086				
1719-03-5	Chrysene-d12	690324	21.516				
1520-96-3	Perylene-d12	815430	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.657	
000057-10-3	n-Hexadecanoic acid	180	J			18.016	
E966796	Total Alkanes	41	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:	A4F40MS	SDG No.:	BP102524
Lab Sample ID:	P4436-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.06	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
BP022627.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		19	11.2	110	ug/Kg
100-52-7	Benzaldehyde	200	J	76	140	560	ug/Kg
110-86-1	Pyridine	520	J	56	280	560	ug/Kg
108-95-2	Phenol	930		73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	840		68	140	560	ug/Kg
95-57-8	2-Chlorophenol	880		39	72.1	290	ug/Kg
95-48-7	2-Methylphenol	820		66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		100	140	560	ug/Kg
98-86-2	Acetophenone	1100		68	140	560	ug/Kg
106-44-5	4-Methylphenol	850		63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		87	72.1	290	ug/Kg
67-72-1	Hexachloroethane	620		31	72.1	290	ug/Kg
98-95-3	Nitrobenzene	860		53	72.1	290	ug/Kg
78-59-1	Isophorone	870		81	72.1	290	ug/Kg
88-75-5	2-Nitrophenol	940		53	72.1	290	ug/Kg
105-67-9	2,4-Dimethylphenol	440		42	72.1	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		73	72.1	290	ug/Kg
120-83-2	2,4-Dichlorophenol	950		27	72.1	290	ug/Kg
91-20-3	Naphthalene	930		42	72.1	290	ug/Kg
106-47-8	4-Chloroaniline	360	J	41	72.1	560	ug/Kg
87-68-3	Hexachlorobutadiene	930		75	72.1	290	ug/Kg
105-60-2	Caprolactam	830		120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		83	72.1	290	ug/Kg
90-12-0	1-Methylnaphthalene	910		56	72.1	290	ug/Kg
91-57-6	2-Methylnaphthalene	940		39	72.1	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	J	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		83	72.1	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		66	72.1	290	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:	A4F40MS	SDG No.:	BP102524
Lab Sample ID:	P4436-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.06 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
BP022627.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	940		41	72.1	290	ug/Kg
91-58-7	2-Chloronaphthalene	950		44	72.1	290	ug/Kg
88-74-4	2-Nitroaniline	860		70	72.1	290	ug/Kg
131-11-3	Dimethylphthalate	900		49	72.1	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		75	72.1	290	ug/Kg
208-96-8	Acenaphthylene	920		54	72.1	290	ug/Kg
99-09-2	3-Nitroaniline	760		75	140	560	ug/Kg
83-32-9	Acenaphthene	930		49	72.1	290	ug/Kg
51-28-5	2,4-Dinitrophenol	640		81	140	560	ug/Kg
100-02-7	4-Nitrophenol	870		75	140	560	ug/Kg
132-64-9	Dibenzofuran	940		54	72.1	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		73	72.1	290	ug/Kg
84-66-2	Diethylphthalate	930		51	72.1	290	ug/Kg
86-73-7	Fluorene	940		42	72.1	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		34	72.1	290	ug/Kg
100-01-6	4-Nitroaniline	920		53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	790		130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	960		56	72.1	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900		41	72.1	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		49	72.1	290	ug/Kg
118-74-1	Hexachlorobenzene	720		54	72.1	290	ug/Kg
1912-24-9	Atrazine	1000		120	140	560	ug/Kg
87-86-5	Pentachlorophenol	790		130	140	560	ug/Kg
85-01-8	Phenanthrene	1000		49	72.1	290	ug/Kg
608-93-5	Pentachlorobenzene	830		88	72.1	290	ug/Kg
120-12-7	Anthracene	940		42	72.1	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	900		85	72.1	290	ug/Kg
86-74-8	Carbazole	840		48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	950		100	72.1	290	ug/Kg
206-44-0	Fluoranthene	1200		92	140	290	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:	A4F40MS	SDG No.:	BP102524
Lab Sample ID:	P4436-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.06	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
BP022627.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		83	72.1	290	ug/Kg
85-68-7	Butylbenzylphthalate	1000		140	72.1	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	510	J	81	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	1000		46	72.1	290	ug/Kg
218-01-9	Chrysene	1000		53	72.1	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		160	72.1	290	ug/Kg
117-84-0	Di-n-octyl phthalate	980		130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56	72.1	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		64	72.1	290	ug/Kg
50-32-8	Benzo(a)pyrene	460		54	72.1	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	670		53	72.1	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	990		48	72.1	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	J	44	72.1	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		56	72.1	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.837		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	8.349		20-120		21	SPK: -40
4165-62-2	Phenol-d5	11.236		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.169		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.127		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	11.269		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	12.281		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.764		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.181		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.173		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.543		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.78		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.019		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	13.216		20-140		33	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:	A4F40MS	SDG No.:	BP102524
Lab Sample ID:	P4436-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.06 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
BP022627.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.339		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	13.184		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	11.645		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.563		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97645	7.646				
1146-65-2	Naphthalene-d8	372203	10.41				
15067-26-2	Acenaphthene-d10	288610	14.269				
1517-22-2	Phenanthrene-d10	678803	17.075				
1719-03-5	Chrysene-d12	713453	21.515				
1520-96-3	Perylene-d12	828584	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	41	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:	A4F40MSD	SDG No.:	BP102524
Lab Sample ID:	P4436-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.08 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
BP022628.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270		19	11.2	110	ug/Kg
100-52-7	Benzaldehyde	200	J	76	140	560	ug/Kg
110-86-1	Pyridine	510	J	56	280	560	ug/Kg
108-95-2	Phenol	900		73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	790		68	140	560	ug/Kg
95-57-8	2-Chlorophenol	860		39	72.1	290	ug/Kg
95-48-7	2-Methylphenol	790		66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	790		100	140	560	ug/Kg
98-86-2	Acetophenone	1000		68	140	560	ug/Kg
106-44-5	4-Methylphenol	800		63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	830		87	72.1	290	ug/Kg
67-72-1	Hexachloroethane	610		31	72.1	290	ug/Kg
98-95-3	Nitrobenzene	830		53	72.1	290	ug/Kg
78-59-1	Isophorone	820		81	72.1	290	ug/Kg
88-75-5	2-Nitrophenol	880		53	72.1	290	ug/Kg
105-67-9	2,4-Dimethylphenol	380		42	72.1	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	810		73	72.1	290	ug/Kg
120-83-2	2,4-Dichlorophenol	920		27	72.1	290	ug/Kg
91-20-3	Naphthalene	870		42	72.1	290	ug/Kg
106-47-8	4-Chloroaniline	420	J	41	72.1	560	ug/Kg
87-68-3	Hexachlorobutadiene	890		75	72.1	290	ug/Kg
105-60-2	Caprolactam	840		120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		83	72.1	290	ug/Kg
90-12-0	1-Methylnaphthalene	860		56	72.1	290	ug/Kg
91-57-6	2-Methylnaphthalene	890		39	72.1	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	J	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		83	72.1	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		66	72.1	290	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:	A4F40MSD	SDG No.:	BP102524
Lab Sample ID:	P4436-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.08 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
BP022628.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	910		41	72.1	290	ug/Kg
91-58-7	2-Chloronaphthalene	910		44	72.1	290	ug/Kg
88-74-4	2-Nitroaniline	860		70	72.1	290	ug/Kg
131-11-3	Dimethylphthalate	900		49	72.1	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	970		75	72.1	290	ug/Kg
208-96-8	Acenaphthylene	900		54	72.1	290	ug/Kg
99-09-2	3-Nitroaniline	780		75	140	560	ug/Kg
83-32-9	Acenaphthene	930		49	72.1	290	ug/Kg
51-28-5	2,4-Dinitrophenol	660		81	140	560	ug/Kg
100-02-7	4-Nitrophenol	910		75	140	560	ug/Kg
132-64-9	Dibenzofuran	930		54	72.1	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		73	72.1	290	ug/Kg
84-66-2	Diethylphthalate	910		51	72.1	290	ug/Kg
86-73-7	Fluorene	920		42	72.1	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		34	72.1	290	ug/Kg
100-01-6	4-Nitroaniline	970		53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	730		130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	900		56	72.1	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	880		41	72.1	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		49	72.1	290	ug/Kg
118-74-1	Hexachlorobenzene	680		54	72.1	290	ug/Kg
1912-24-9	Atrazine	940		120	140	560	ug/Kg
87-86-5	Pentachlorophenol	790		130	140	560	ug/Kg
85-01-8	Phenanthrene	1000		49	72.1	290	ug/Kg
608-93-5	Pentachlorobenzene	790		88	72.1	290	ug/Kg
120-12-7	Anthracene	910		42	72.1	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	830		85	72.1	290	ug/Kg
86-74-8	Carbazole	850		47	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	940		100	72.1	290	ug/Kg
206-44-0	Fluoranthene	1200		92	140	290	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:	A4F40MSD	SDG No.:	BP102524
Lab Sample ID:	P4436-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.08 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
BP022628.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	820		83	72.1	290	ug/Kg
85-68-7	Butylbenzylphthalate	970		140	72.1	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	500	J	81	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	1000		46	72.1	290	ug/Kg
218-01-9	Chrysene	1000		53	72.1	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		160	72.1	290	ug/Kg
117-84-0	Di-n-octyl phthalate	930		130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56	72.1	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		64	72.1	290	ug/Kg
50-32-8	Benzo(a)pyrene	440		54	72.1	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		53	72.1	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		47	72.1	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	J	44	72.1	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		56	72.1	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.844		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	8.397		20-120		21	SPK: -40
4165-62-2	Phenol-d5	11.012		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.874		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.684		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.529		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.934		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.319		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.706		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.161		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.238		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.414		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.233		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	13.158		20-140		33	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:	A4F40MSD	SDG No.:	BP102524
Lab Sample ID:	P4436-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30.08 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
BP022628.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.04		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	12.79		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	10.995		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.303		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97807	7.652				
1146-65-2	Naphthalene-d8	376767	10.405				
15067-26-2	Acenaphthene-d10	288159	14.275				
1517-22-2	Phenanthrene-d10	710716	17.081				
1719-03-5	Chrysene-d12	767885	21.51				
1520-96-3	Perylene-d12	897069	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	41	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:	SLCS359	SDG No.:	BP102524
Lab Sample ID:	PB164359BS	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
BP022629.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	200	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	800		33	170	330	ug/Kg
108-95-2	Phenol	940		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	880		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	950		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		60	82.5	330	ug/Kg
98-86-2	Acetophenone	870		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	930		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	900		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	880		31	42.5	170	ug/Kg
78-59-1	Isophorone	870		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	970		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	830		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	990		16	42.5	170	ug/Kg
91-20-3	Naphthalene	900		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	600		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	940		44	42.5	170	ug/Kg
105-60-2	Caprolactam	910		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	910		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	170	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:	SLCS359	SDG No.:	BP102524
Lab Sample ID:	PB164359BS	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
BP022629.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	910		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	910		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	860		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	880		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	920		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	900		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	870		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	920		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	890		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	980		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	900		30	42.5	170	ug/Kg
86-73-7	Fluorene	900		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	870		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	870		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		32	42.5	170	ug/Kg
1912-24-9	Atrazine	990		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1000		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	910		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	900		52	42.5	170	ug/Kg
120-12-7	Anthracene	880		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	930		50	42.5	170	ug/Kg
86-74-8	Carbazole	890		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	920		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	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:	SLCS359	SDG No.:	BP102524
Lab Sample ID:	PB164359BS	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
BP022629.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	970		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	980		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	920		27	42.5	170	ug/Kg
218-01-9	Chrysene	890		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	910		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	900		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	950		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	920		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	980		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.017		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	24.408		20-120		61	SPK: -40
4165-62-2	Phenol-d5	28.202		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.801		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.238		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.502		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.163		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.921		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.314		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.617		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.098		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.467		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.302		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	27.387		20-140		68	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:	SLCS359	SDG No.:	BP102524
Lab Sample ID:	PB164359BS	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
BP022629.D	1	10/23/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.803		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	27.278		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	29.961		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.637		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186597	7.646				
1146-65-2	Naphthalene-d8	721343	10.404				
15067-26-2	Acenaphthene-d10	566637	14.275				
1517-22-2	Phenanthrene-d10	1377082	17.081				
1719-03-5	Chrysene-d12	1378870	21.522				
1520-96-3	Perylene-d12	1604074	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	SBLK386	SDG No.:	BP102524
Lab Sample ID:	PB164386BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022631.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164386

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK386	SDG No.:	BP102524
Lab Sample ID:	PB164386BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022631.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164386

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK386	SDG No.:	BP102524
Lab Sample ID:	PB164386BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022631.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.477		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.546		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.336		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.683		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.183		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.891		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.16		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.232		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.57		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.19		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.106		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.577		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.001		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	25.645		25-125		64	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:	SBLK386	SDG No.:	BP102524
Lab Sample ID:	PB164386BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022631.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.236		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	26.208		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	26.111		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.843		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103051	7.652				
1146-65-2	Naphthalene-d8	395961	10.405				
15067-26-2	Acenaphthene-d10	311802	14.269				
1517-22-2	Phenanthrene-d10	760412	17.069				
1719-03-5	Chrysene-d12	864720	21.51				
1520-96-3	Perylene-d12	960291	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6664			SDG No.:	BP102524		
Lab Sample ID:	SP6664			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022632.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26000		350	500	2000	ug/L
100-52-7	Benzaldehyde	96000		1100	5000	10000	ug/L
110-86-1	Pyridine	70000		1700	10000	10000	ug/L
108-95-2	Phenol	79000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	76000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	85000	E	910	2500	5000	ug/L
95-48-7	2-Methylphenol	81000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	72000		1900	5000	10000	ug/L
98-86-2	Acetophenone	77000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	79000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	77000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	80000		1100	2500	5000	ug/L
98-95-3	Nitrobenzene	77000		1400	2500	5000	ug/L
78-59-1	Isophorone	77000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	85000	E	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	79000		690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	76000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	86000	E	1100	2500	5000	ug/L
91-20-3	Naphthalene	80000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	69000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	83000	E	1500	2500	5000	ug/L
105-60-2	Caprolactam	77000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	84000	E	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	79000		910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	81000	E	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	61000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	85000	E	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	87000	E	1600	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6664			SDG No.:	BP102524		
Lab Sample ID:	SP6664			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022632.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79000		1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	80000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	82000	E	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	78000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	90000	E	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	79000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	82000		1600	5000	10000	ug/L
83-32-9	Acenaphthene	80000		960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	78000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	83000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	80000	E	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	90000	E	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	80000		1300	2500	5000	ug/L
86-73-7	Fluorene	81000	E	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	82000	E	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	96000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	72000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	77000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	82000	E	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	80000	E	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	82000	E	1200	2500	5000	ug/L
1912-24-9	Atrazine	83000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	87000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	77000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	78000		1700	2500	5000	ug/L
120-12-7	Anthracene	78000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	75000		1700	2500	5000	ug/L
86-74-8	Carbazole	78000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	79000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	85000	E	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6664			SDG No.:	BP102524		
Lab Sample ID:	SP6664			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022632.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86000	E	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	84000	E	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	79000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	80000		1100	2500	5000	ug/L
218-01-9	Chrysene	80000	E	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	82000	E	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	80000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	83000	E	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	78000		1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	82000	E	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	80000	E	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	79000		1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	79000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	88000	E	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6664			SDG No.:	BP102524		
Lab Sample ID:	SP6664			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022632.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75230	7.652				
1146-65-2	Naphthalene-d8	286720	10.41				
15067-26-2	Acenaphthene-d10	227815	14.269				
1517-22-2	Phenanthrene-d10	593767	17.069				
1719-03-5	Chrysene-d12	632942	21.516				
1520-96-3	Perylene-d12	738290	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6665			SDG No.:	BP102524		
Lab Sample ID:	SP6665			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022633.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6665			SDG No.:	BP102524		
Lab Sample ID:	SP6665			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022633.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6665			SDG No.:	BP102524		
Lab Sample ID:	SP6665			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022633.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	14648	*	15-120		183100	SPK: -8
7291-22-7	Pyridine-d5	78616	*	20-120		196540	SPK: -40
4165-62-2	Phenol-d5	79562	*	10-130		198905	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	76950	*	25-120		192375	SPK: -40
93951-73-6	2-Chlorophenol-d4	85182	*	20-130		212955	SPK: -40
190780-66-6	4-Methylphenol-d8	80905	*	25-125		202263	SPK: -40
4165-60-0	Nitrobenzene-d5	86269	*	20-125		215673	SPK: -40
93951-78-1	2-Nitrophenol-d4	92681	*	20-130		231702	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	82174	*	20-120		205435	SPK: -40
191656-33-4	4-Chloroaniline-d4	81773	*	1-146		204432	SPK: -40
85448-30-2	Dimethylphthalate-d6	81686	*	25-130		204215	SPK: -40
93951-97-4	Acenaphthylene-d8	84496	*	10-130		211240	SPK: -40
93951-79-2	4-Nitrophenol-d4	79948	*	10-150		199870	SPK: -40
81103-79-9	Fluorene-d10	83385	*	25-125		208463	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6665			SDG No.:	BP102524		
Lab Sample ID:	SP6665			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022633.D	1		10/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	74237	*	10-130		185593	SPK: -40
1719-06-8	Anthracene-d10	85935	*	25-130		214838	SPK: -40
1718-52-1	Pyrene-d10	83752	*	15-130		209380	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	87613	*	20-130		219032	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79741	7.652				
1146-65-2	Naphthalene-d8	306038	10.404				
15067-26-2	Acenaphthene-d10	233423	14.263				
1517-22-2	Phenanthrene-d10	572836	17.075				
1719-03-5	Chrysene-d12	657415	21.516				
1520-96-3	Perylene-d12	721249	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F44								
P4415-21	A4F44	Solid	(DEL) Alkane: Straight-Chain23.1 *	470.000	J			
P4415-21	A4F44	Solid	Cyclopentasiloxane, decamethyl- *	240.000	J			
P4415-21	A4F44	Solid	Total Alkanes *	470.000		43	310	ug/Kg
Total Tics :				1,180.00				
P4415-21	A4F44	Solid	Acetophenone	120.000	J	72	600	ug/Kg
P4415-21	A4F44	Solid	Benzo(a)anthracene	61.000	J	49	310	ug/Kg
P4415-21	A4F44	Solid	Benzo(b)fluoranthene	80.000	J	60	310	ug/Kg
P4415-21	A4F44	Solid	Chrysene	63.000	J	56	310	ug/Kg
P4415-21	A4F44	Solid	Fluoranthene	140.000	J	97	310	ug/Kg
P4415-21	A4F44	Solid	Phenanthrene	69.000	J	52	310	ug/Kg
Total Svoc :				533.00				
Total Concentration:				1,713.00				
Client ID : BHK68								
P4435-01	BHK68	Solid	(DEL) Alkane: Straight-Chain21.1 *	130.000	J			
P4435-01	BHK68	Solid	Benzophenone *	170.000	J			
P4435-01	BHK68	Solid	Cyclopentasiloxane, decamethyl- *	120.000	J			
P4435-01	BHK68	Solid	n-Hexadecanoic acid *	230.000	J			
P4435-01	BHK68	Solid	Total Alkanes *	130.000		26	180	ug/Kg
Total Tics :				780.00				
Total Concentration:				780.00				
Client ID : A4F46								
P4436-04	A4F46	Solid	Cyclopentasiloxane, decamethyl- *	190.000	J			
P4436-04	A4F46	Solid	Cyclotetrasiloxane, octamethyl- *	430.000	J			
P4436-04	A4F46	Solid	n-Hexadecanoic acid *	170.000	J			
P4436-04	A4F46	Solid	Total Alkanes *	0.000		41	290	ug/Kg
Total Tics :				790.00				
P4436-04	A4F46	Solid	Acetophenone	140.000	J	69	570	ug/Kg
P4436-04	A4F46	Solid	Benzo(a)anthracene	100.000	J	46	290	ug/Kg
P4436-04	A4F46	Solid	Benzo(b)fluoranthene	130.000	J	57	290	ug/Kg
P4436-04	A4F46	Solid	Chrysene	110.000	J	53	290	ug/Kg
P4436-04	A4F46	Solid	Fluoranthene	220.000	J	93	290	ug/Kg
P4436-04	A4F46	Solid	Phenanthrene	110.000	J	50	290	ug/Kg
P4436-04	A4F46	Solid	Pyrene	130.000	J	84	290	ug/Kg
P4436-04	A4F46	Solid	Pyridine	59.000	J	57	570	ug/Kg
Total Svoc :				999.00				
Total Concentration:				1,789.00				

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SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F47								
P4436-05	A4F47	Solid	(DEL) Alkane: Straight-Chain23.5 *	390.000	J			
P4436-05	A4F47	Solid	1H-Benzo[b]fluorene *	170.000	J			
P4436-05	A4F47	Solid	1H-Indene, 2-phenyl- *	170.000	J			
P4436-05	A4F47	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	270.000	J			
P4436-05	A4F47	Solid	Anthracene, 9-methyl- *	150.000	J			
P4436-05	A4F47	Solid	Benzo[e]pyrene *	460.000	J			
P4436-05	A4F47	Solid	Benzophenone *	410.000	J			
P4436-05	A4F47	Solid	Dibenzothiophene *	230.000	J			
P4436-05	A4F47	Solid	Phenanthrene, 1-methyl- *	280.000	J			
P4436-05	A4F47	Solid	Phenanthrene, 2-methyl- *	630.000	J			
P4436-05	A4F47	Solid	Total Alkanes *	390.000		55	390	ug/Kg
Total Tics :				3,550.00				
P4436-05	A4F47	Solid	1-Methylnaphthalene	100.000	J	75	390	ug/Kg
P4436-05	A4F47	Solid	2-Methylnaphthalene	130.000	J	53	390	ug/Kg
P4436-05	A4F47	Solid	Acenaphthene	400.000		66	390	ug/Kg
P4436-05	A4F47	Solid	Anthracene	1,000.000		57	390	ug/Kg
P4436-05	A4F47	Solid	Benzo(a)anthracene	1,200.000		62	390	ug/Kg
P4436-05	A4F47	Solid	Benzo(a)pyrene	920.000		73	390	ug/Kg
P4436-05	A4F47	Solid	Benzo(b)fluoranthene	1,200.000		75	390	ug/Kg
P4436-05	A4F47	Solid	Benzo(g,h,i)perylene	520.000		59	390	ug/Kg
P4436-05	A4F47	Solid	Benzo(k)fluoranthene	410.000		87	390	ug/Kg
P4436-05	A4F47	Solid	Carbazole	330.000	J	64	750	ug/Kg
P4436-05	A4F47	Solid	Chrysene	1,100.000		71	390	ug/Kg
P4436-05	A4F47	Solid	Dibenzo(a,h)anthracene	150.000	J	64	390	ug/Kg
P4436-05	A4F47	Solid	Dibenzofuran	340.000	J	73	390	ug/Kg
P4436-05	A4F47	Solid	Fluoranthene	3,500.000		120	390	ug/Kg
P4436-05	A4F47	Solid	Fluorene	500.000		57	390	ug/Kg
P4436-05	A4F47	Solid	Indeno(1,2,3-cd)pyrene	450.000		71	390	ug/Kg
P4436-05	A4F47	Solid	Naphthalene	200.000	J	57	390	ug/Kg
P4436-05	A4F47	Solid	Phenanthrene	3,800.000		66	390	ug/Kg
P4436-05	A4F47	Solid	Pyrene	2,500.000		110	390	ug/Kg
Total Svoc :				18,750.00				
Total Concentration:				22,300.00				
Client ID : A4F48								
P4436-06	A4F48	Solid	Benzophenone *	190.000	J			
P4436-06	A4F48	Solid	Cyclopentasiloxane, decamethyl- *	330.000	J			
P4436-06	A4F48	Solid	n-Hexadecanoic acid *	530.000	J			
P4436-06	A4F48	Solid	Total Alkanes *	0.000		52	370	ug/Kg
Total Tics :				1,050.00				

Hit Summary Sheet SW-846

SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-06	A4F48	Solid	Acenaphthene	120.000	J	63	370	ug/Kg
P4436-06	A4F48	Solid	Acetophenone	220.000	J	86	710	ug/Kg
P4436-06	A4F48	Solid	Anthracene	340.000	J	54	370	ug/Kg
P4436-06	A4F48	Solid	Benzo(a)anthracene	770.000		58	370	ug/Kg
P4436-06	A4F48	Solid	Benzo(a)pyrene	310.000	J	69	370	ug/Kg
P4436-06	A4F48	Solid	Benzo(b)fluoranthene	870.000		71	370	ug/Kg
P4436-06	A4F48	Solid	Benzo(k)fluoranthene	330.000	J	82	370	ug/Kg
P4436-06	A4F48	Solid	Carbazole	110.000	J	60	710	ug/Kg
P4436-06	A4F48	Solid	Chrysene	700.000		67	370	ug/Kg
P4436-06	A4F48	Solid	Dibenzo(a,h)anthracene	130.000	J	60	370	ug/Kg
P4436-06	A4F48	Solid	Dibenzofuran	99.000	J	69	370	ug/Kg
P4436-06	A4F48	Solid	Fluoranthene	1,700.000		120	370	ug/Kg
P4436-06	A4F48	Solid	Fluorene	140.000	J	54	370	ug/Kg
P4436-06	A4F48	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	67	370	ug/Kg
P4436-06	A4F48	Solid	Phenanthrene	1,300.000		63	370	ug/Kg
P4436-06	A4F48	Solid	Pyrene	890.000		110	370	ug/Kg
Total Svoc :				8,249.00				
Total Concentration:				9,299.00				

Client ID : A4F49

P4436-07	A4F49	Solid	(DEL) Alkane: Straight-Chain21.1 *	280.000	J			
P4436-07	A4F49	Solid	(DEL) Alkane: Straight-Chain23.5 *	490.000	J			
P4436-07	A4F49	Solid	Benzophenone *	440.000	J			
P4436-07	A4F49	Solid	n-Hexadecanoic acid *	370.000	J			
P4436-07	A4F49	Solid	Total Alkanes *	770.000		79	560	ug/Kg
Total Tics :				2,350.00				
P4436-07	A4F49	Solid	Benzo(b)fluoranthene	120.000	J	110	560	ug/Kg
P4436-07	A4F49	Solid	Fluoranthene	190.000	J	180	560	ug/Kg
P4436-07	A4F49	Solid	Pyrene	160.000	J	160	560	ug/Kg
Total Svoc :				470.00				
Total Concentration:				2,820.00				

Client ID : A4F52

P4436-08	A4F52	Solid	4b,8-Dimethyl-2-isopropylphenan *	580.000	J			
P4436-08	A4F52	Solid	Benzophenone *	140.000	J			
P4436-08	A4F52	Solid	Cyclopentasiloxane, decamethyl- *	150.000	J			
P4436-08	A4F52	Solid	n-Hexadecanoic acid *	170.000	J			
P4436-08	A4F52	Solid	Total Alkanes *	0.000		39	280	ug/Kg
Total Tics :				1,040.00				
P4436-08	A4F52	Solid	Acetophenone	110.000	J	66	540	ug/Kg
P4436-08	A4F52	Solid	Benzo(a)anthracene	100.000	J	44	280	ug/Kg
P4436-08	A4F52	Solid	Benzo(b)fluoranthene	130.000	J	54	280	ug/Kg

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SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P4436-08	A4F52	Solid	Chrysene	120.000	J	51	280	ug/Kg	
P4436-08	A4F52	Solid	Fluoranthene	250.000	J	89	280	ug/Kg	
P4436-08	A4F52	Solid	Phenanthrene	150.000	J	48	280	ug/Kg	
P4436-08	A4F52	Solid	Pyrene	140.000	J	81	280	ug/Kg	
Total Svoc :				1,000.00					
Total Concentration:				2,040.00					
Client ID : A4F53									
P4436-09	A4F53	Solid	Benzophenone	*	170.000	J			
P4436-09	A4F53	Solid	Cyclopentasiloxane, decamethyl-	*	140.000	J			
P4436-09	A4F53	Solid	Hexadecane, 1-iodo-	*	150.000	J			
P4436-09	A4F53	Solid	n-Hexadecanoic acid	*	200.000	J			
P4436-09	A4F53	Solid	Total Alkanes	*	0.000	44	310	ug/Kg	
Total Tics :				660.00					
P4436-09	A4F53	Solid	Acetophenone		110.000	J	73	600	ug/Kg
P4436-09	A4F53	Solid	Anthracene		64.000	J	45	310	ug/Kg
P4436-09	A4F53	Solid	Benzo(a)anthracene		190.000	J	49	310	ug/Kg
P4436-09	A4F53	Solid	Benzo(a)pyrene		70.000	J	58	310	ug/Kg
P4436-09	A4F53	Solid	Benzo(b)fluoranthene		220.000	J	60	310	ug/Kg
P4436-09	A4F53	Solid	Benzo(k)fluoranthene		86.000	J	69	310	ug/Kg
P4436-09	A4F53	Solid	Chrysene		230.000	J	56	310	ug/Kg
P4436-09	A4F53	Solid	Fluoranthene		550.000		98	310	ug/Kg
P4436-09	A4F53	Solid	Phenanthrene		430.000		53	310	ug/Kg
P4436-09	A4F53	Solid	Pyrene		310.000		89	310	ug/Kg
Total Svoc :				2,260.00					
Total Concentration:				2,920.00					
Client ID : A4F36									
P4436-12	A4F36	Solid	Benzophenone	*	490.000	J			
P4436-12	A4F36	Solid	Cyclopentasiloxane, decamethyl-	*	190.000	J			
P4436-12	A4F36	Solid	n-Hexadecanoic acid	*	270.000	J			
P4436-12	A4F36	Solid	Total Alkanes	*	0.000	62	440	ug/Kg	
Total Tics :				950.00					
Total Concentration:				950.00					
Client ID : A4F37									
P4436-13	A4F37	Solid	(DEL) Alkane: Straight-Chain23.8	*	230.000	J			
P4436-13	A4F37	Solid	Benzophenone	*	1,200.000	J			
P4436-13	A4F37	Solid	n-Hexadecanoic acid	*	450.000	J			
P4436-13	A4F37	Solid	Total Alkanes	*	230.000	72	510	ug/Kg	
Total Tics :				2,110.00					
P4436-13	A4F37	Solid	Benzo(a)pyrene		110.000	J	97	510	ug/Kg

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SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-13	A4F37	Solid	Benzo(b)fluoranthene	150.000	J	100	510	ug/Kg
P4436-13	A4F37	Solid	Chrysene	120.000	J	94	510	ug/Kg
P4436-13	A4F37	Solid	Fluoranthene	250.000	J	160	510	ug/Kg
P4436-13	A4F37	Solid	Pyrene	210.000	J	150	510	ug/Kg
Total Svoc :				840.00				
Total Concentration:				2,950.00				
Client ID : A4F38								
P4436-14	A4F38	Solid	(DEL) Alkane: Straight-Chain23.9 *	430.000	J			
P4436-14	A4F38	Solid	Benzophenone *	250.000	J			
P4436-14	A4F38	Solid	n-Hexadecanoic acid *	320.000	J			
P4436-14	A4F38	Solid	Pentadecafluorooctanoic acid, oct: *	220.000	J			
P4436-14	A4F38	Solid	Total Alkanes *	430.000		55	390	ug/Kg
Total Tics :				1,650.00				
P4436-14	A4F38	Solid	Benzo(b)fluoranthene	97.000	J	76	390	ug/Kg
P4436-14	A4F38	Solid	Chrysene	77.000	J	72	390	ug/Kg
P4436-14	A4F38	Solid	Fluoranthene	160.000	J	120	390	ug/Kg
P4436-14	A4F38	Solid	Pyrene	130.000	J	110	390	ug/Kg
Total Svoc :				464.00				
Total Concentration:				2,114.00				
Client ID : A4F39								
P4436-15	A4F39	Solid	(DEL) Alkane: Cyclic21.192 *	160.000	J			
P4436-15	A4F39	Solid	(DEL) Alkane: Straight-Chain23.9 *	200.000	J			
P4436-15	A4F39	Solid	Benzophenone *	130.000	J			
P4436-15	A4F39	Solid	n-Hexadecanoic acid *	250.000	J			
P4436-15	A4F39	Solid	Total Alkanes *	360.000		47	330	ug/Kg
Total Tics :				1,100.00				
P4436-15	A4F39	Solid	Acetophenone	140.000	J	78	650	ug/Kg
P4436-15	A4F39	Solid	Benzo(a)anthracene	130.000	J	53	330	ug/Kg
P4436-15	A4F39	Solid	Benzo(b)fluoranthene	190.000	J	65	330	ug/Kg
P4436-15	A4F39	Solid	Benzo(k)fluoranthene	82.000	J	74	330	ug/Kg
P4436-15	A4F39	Solid	Chrysene	160.000	J	61	330	ug/Kg
P4436-15	A4F39	Solid	Fluoranthene	340.000		110	330	ug/Kg
P4436-15	A4F39	Solid	Phenanthrene	120.000	J	57	330	ug/Kg
P4436-15	A4F39	Solid	Pyrene	190.000	J	96	330	ug/Kg
Total Svoc :				1,352.00				
Total Concentration:				2,452.00				
Client ID : A4F40								
P4436-16	A4F40	Solid	Benzophenone *	230.000	J			
P4436-16	A4F40	Solid	n-Hexadecanoic acid *	180.000	J			

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SDG No.: BP102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-16	A4F40	Solid	Total Alkanes	*	0.000	41	290	ug/Kg
Total Tics :				410.00				
P4436-16	A4F40	Solid	Acetophenone		120.000	J	68	560 ug/Kg
P4436-16	A4F40	Solid	Benzo(a)anthracene		83.000	J	46	290 ug/Kg
P4436-16	A4F40	Solid	Benzo(b)fluoranthene		100.000	J	56	290 ug/Kg
P4436-16	A4F40	Solid	Chrysene		95.000	J	53	290 ug/Kg
P4436-16	A4F40	Solid	Fluoranthene		200.000	J	92	290 ug/Kg
P4436-16	A4F40	Solid	Phenanthrene		93.000	J	49	290 ug/Kg
P4436-16	A4F40	Solid	Pyrene		120.000	J	83	290 ug/Kg
Total Svoc :				811.00				
Total Concentration:				1,221.00				
Client ID : A4F41								
P4436-19	A4F41	Solid	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr	*	680.000	J		
P4436-19	A4F41	Solid	(DEL) Alkane: Straight-Chain23.9	*	360.000	J		
P4436-19	A4F41	Solid	Benzophenone	*	780.000	J		
P4436-19	A4F41	Solid	n-Hexadecanoic acid	*	450.000	J		
P4436-19	A4F41	Solid	Pentadecafluorooctanoic acid, octa	*	170.000	J		
P4436-19	A4F41	Solid	Retene	*	7,700.000	J		
P4436-19	A4F41	Solid	Total Alkanes	*	360.000	50	360	ug/Kg
Total Tics :				10,500.00				
P4436-19	A4F41	Solid	Acetophenone		230.000	J	84	690 ug/Kg
P4436-19	A4F41	Solid	Benzo(a)anthracene		220.000	J	57	360 ug/Kg
P4436-19	A4F41	Solid	Benzo(a)pyrene		95.000	J	67	360 ug/Kg
P4436-19	A4F41	Solid	Benzo(b)fluoranthene		280.000	J	69	360 ug/Kg
P4436-19	A4F41	Solid	Benzo(k)fluoranthene		95.000	J	80	360 ug/Kg
P4436-19	A4F41	Solid	Chrysene		240.000	J	65	360 ug/Kg
P4436-19	A4F41	Solid	Fluoranthene		590.000	110	360	ug/Kg
P4436-19	A4F41	Solid	Indeno(1,2,3-cd)pyrene		74.000	J	65	360 ug/Kg
P4436-19	A4F41	Solid	Phenanthrene		260.000	J	61	360 ug/Kg
P4436-19	A4F41	Solid	Phenol		99.000	J	90	690 ug/Kg
P4436-19	A4F41	Solid	Pyrene		340.000	J	100	360 ug/Kg
Total Svoc :				2,523.00				
Total Concentration:				13,023.00				
Client ID : SP6664								
SP6664	SP6664	Water	Total Alkanes	*	0.000	1100	5000	ug/L
Total Tics :				0.00				
SP6664	SP6664	Water	1,1-Biphenyl		79,000.000	1100	5000	ug/L
SP6664	SP6664	Water	1,2,3,4-Tetrachlorobenzene		75,000.000	1700	5000	ug/L
SP6664	SP6664	Water	1,2,4,5-Tetrachlorobenzene		82,000.000	E 1400	5000	ug/L
SP6664	SP6664	Water	1,4-Dioxane		26,000.000	350	2000	ug/L

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SDG No.: BP102524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6664	SP6664	Water	1-Methylnaphthalene	79,000.000		910	5000	ug/L
SP6664	SP6664	Water	2,2-oxybis(1-Chloropropane)	72,000.000		1900	10000	ug/L
SP6664	SP6664	Water	2,3,4,6-Tetrachlorophenol	88,000.000	E	1500	5000	ug/L
SP6664	SP6664	Water	2,4,5-Trichlorophenol	87,000.000	E	1600	5000	ug/L
SP6664	SP6664	Water	2,4,6-Trichlorophenol	85,000.000	E	2000	5000	ug/L
SP6664	SP6664	Water	2,4-Dichlorophenol	86,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	2,4-Dimethylphenol	79,000.000		690	5000	ug/L
SP6664	SP6664	Water	2,4-Dinitrophenol	78,000.000		1800	10000	ug/L
SP6664	SP6664	Water	2,4-Dinitrotoluene	90,000.000	E	1500	5000	ug/L
SP6664	SP6664	Water	2,6-Dinitrotoluene	90,000.000	E	1700	5000	ug/L
SP6664	SP6664	Water	2-Chloronaphthalene	80,000.000		1100	5000	ug/L
SP6664	SP6664	Water	2-Chlorophenol	85,000.000	E	910	5000	ug/L
SP6664	SP6664	Water	2-Methylnaphthalene	81,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	2-Methylphenol	81,000.000		1500	10000	ug/L
SP6664	SP6664	Water	2-Nitroaniline	82,000.000	E	1800	5000	ug/L
SP6664	SP6664	Water	2-Nitrophenol	85,000.000	E	1200	5000	ug/L
SP6664	SP6664	Water	3,3-Dichlorobenzidine	79,000.000		1400	10000	ug/L
SP6664	SP6664	Water	3-Nitroaniline	82,000.000		1600	10000	ug/L
SP6664	SP6664	Water	4,6-Dinitro-2-methylphenol	72,000.000		2400	10000	ug/L
SP6664	SP6664	Water	4-Bromophenyl-phenylether	80,000.000	E	950	5000	ug/L
SP6664	SP6664	Water	4-Chloro-3-methylphenol	84,000.000	E	1600	5000	ug/L
SP6664	SP6664	Water	4-Chloroaniline	69,000.000		940	10000	ug/L
SP6664	SP6664	Water	4-Chlorophenyl-phenylether	82,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	4-Methylphenol	79,000.000		1700	10000	ug/L
SP6664	SP6664	Water	4-Nitroaniline	96,000.000		830	10000	ug/L
SP6664	SP6664	Water	4-Nitrophenol	83,000.000		1400	10000	ug/L
SP6664	SP6664	Water	Acenaphthene	80,000.000		960	5000	ug/L
SP6664	SP6664	Water	Acenaphthylene	79,000.000		1200	5000	ug/L
SP6664	SP6664	Water	Acetophenone	77,000.000		1500	10000	ug/L
SP6664	SP6664	Water	Anthracene	78,000.000		1100	5000	ug/L
SP6664	SP6664	Water	Atrazine	83,000.000		1800	10000	ug/L
SP6664	SP6664	Water	Benzaldehyde	96,000.000		1100	10000	ug/L
SP6664	SP6664	Water	Benzo(a)anthracene	80,000.000		1100	5000	ug/L
SP6664	SP6664	Water	Benzo(a)pyrene	82,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	Benzo(b)fluoranthene	83,000.000	E	1400	5000	ug/L
SP6664	SP6664	Water	Benzo(g,h,i)perylene	79,000.000		1200	5000	ug/L
SP6664	SP6664	Water	Benzo(k)fluoranthene	78,000.000		1400	5000	ug/L
SP6664	SP6664	Water	Bis(2-Chloroethoxy)methane	76,000.000		1500	5000	ug/L
SP6664	SP6664	Water	Bis(2-Chloroethyl)ether	76,000.000		1400	10000	ug/L
SP6664	SP6664	Water	Bis(2-ethylhexyl)phthalate	82,000.000	E	3000	5000	ug/L

Hit Summary Sheet SW-846

SDG No.: BP102524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6664	SP6664	Water	Butylbenzylphthalate	84,000.000	E	2700	5000	ug/L
SP6664	SP6664	Water	Caprolactam	77,000.000		2600	10000	ug/L
SP6664	SP6664	Water	Carbazole	78,000.000		1100	10000	ug/L
SP6664	SP6664	Water	Chrysene	80,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	Di-n-butylphthalate	79,000.000		1900	5000	ug/L
SP6664	SP6664	Water	Di-n-octyl phthalate	80,000.000		2400	10000	ug/L
SP6664	SP6664	Water	Dibenzo(a,h)anthracene	79,000.000		1300	5000	ug/L
SP6664	SP6664	Water	Dibenzofuran	80,000.000	E	1100	5000	ug/L
SP6664	SP6664	Water	Diethylphthalate	80,000.000		1300	5000	ug/L
SP6664	SP6664	Water	Dimethylphthalate	78,000.000		1100	5000	ug/L
SP6664	SP6664	Water	Fluoranthene	85,000.000	E	1900	5000	ug/L
SP6664	SP6664	Water	Fluorene	81,000.000	E	940	5000	ug/L
SP6664	SP6664	Water	Hexachlorobenzene	82,000.000	E	1200	5000	ug/L
SP6664	SP6664	Water	Hexachlorobutadiene	83,000.000	E	1500	5000	ug/L
SP6664	SP6664	Water	Hexachlorocyclopentadiene	61,000.000		3100	10000	ug/L
SP6664	SP6664	Water	Hexachloroethane	80,000.000		1100	5000	ug/L
SP6664	SP6664	Water	Indeno(1,2,3-cd)pyrene	80,000.000	E	1400	5000	ug/L
SP6664	SP6664	Water	Isophorone	77,000.000		1700	5000	ug/L
SP6664	SP6664	Water	N-Nitroso-di-n-propylamine	77,000.000		1900	5000	ug/L
SP6664	SP6664	Water	N-Nitrosodiphenylamine	77,000.000		1300	5000	ug/L
SP6664	SP6664	Water	Naphthalene	80,000.000		940	5000	ug/L
SP6664	SP6664	Water	Nitrobenzene	77,000.000		1400	5000	ug/L
SP6664	SP6664	Water	Pentachlorobenzene	78,000.000		1700	5000	ug/L
SP6664	SP6664	Water	Pentachlorophenol	87,000.000		1900	10000	ug/L
SP6664	SP6664	Water	Phenanthrene	77,000.000		1200	5000	ug/L
SP6664	SP6664	Water	Phenol	79,000.000		1600	10000	ug/L
SP6664	SP6664	Water	Pyrene	86,000.000	E	1800	5000	ug/L
SP6664	SP6664	Water	Pyridine	70,000.000		1700	10000	ug/L

Total Svoc : 5,737,000.00

Total Concentration: 5,737,000.00

Client ID : SP6665

SP6665	SP6665	Water	Total Alkanes	*	0.000	1100	5000	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020623 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 09:53

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	SBLK352	108323	7.65	388352	10.40	306053	14.26
02	A4F44	106592	7.65	412301	10.40	326188	14.26
03	A4F44MS	116255	7.65	449233	10.40	364971	14.26
04	A4F44MSD	120803	7.65	471529	10.40	364737	14.26
05	BHK68	132373	7.65	510467	10.40	393726	14.27
06	BHK68MS	107367	7.65	413317	10.40	327462	14.26
07	BHK68MSD	117045	7.65	466104	10.41	381007	14.27
08	A4F46	112374	7.65	433992	10.40	335665	14.26
09	A4F48	140884	7.65	536359	10.40	425065	14.26
10	A4F52	119651	7.65	473292	10.41	371348	14.26
11	A4F53	119386	7.65	460520	10.40	362589	14.26
12	A4F36	127363	7.65	483795	10.41	370339	14.27
13	SLCS325	101847	7.65	380510	10.40	294963	14.26
14	SLCS352	106464	7.65	417548	10.41	330546	14.28
15	SBLK359	96913	7.65	369860	10.41	281256	14.27
16	A4F37	77105	7.65	295803	10.40	234435	14.26
17	A4F47	92992	7.65	351968	10.40	270688	14.27
18	A4F49	119635	7.65	460601	10.40	353781	14.26
19	A4F38	117091	7.65	453201	10.40	343075	14.27
20	A4F41	86184	7.65	335161	10.41	260558	14.27
21	A4F39	90368	7.65	342315	10.40	265845	14.27
22	A4F40	95754	7.65	360806	10.40	271931	14.27
23	A4F40MS	97645	7.65	372203	10.41	288610	14.27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020623 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 02:47

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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 A4F40MSD	97807	7.65	376767	10.41	288159	14.28
25 SLCS359	186597 *	7.65	721343 *	10.40	566637 *	14.28
26 SBLK386	103051	7.65	395961	10.41	311802	14.27
27 SP6664	75230	7.65	286720	10.41	227815	14.27
28 SP6665	79741	7.65	306038	10.40	233423	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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020676 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022603.D Time Analyzed: 09:53

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	115700	7.646	433861	10.40	335701	14.27
UPPER LIMIT	231400	8.146	867722	10.898	671402	14.769
LOWER LIMIT	57850	7.146	216930.5	9.898	167850.5	13.769
EPA SAMPLE NO.						
01 SBLK352	108323	7.65	388352	10.40	306053	14.26
02 A4F44	106592	7.65	412301	10.40	326188	14.26
03 A4F44MS	116255	7.65	449233	10.40	364971	14.26
04 A4F44MSD	120803	7.65	471529	10.40	364737	14.26
05 BHK68	132373	7.65	510467	10.40	393726	14.27
06 BHK68MS	107367	7.65	413317	10.40	327462	14.26
07 BHK68MSD	117045	7.65	466104	10.41	381007	14.27
08 A4F46	112374	7.65	433992	10.40	335665	14.26
09 A4F48	140884	7.65	536359	10.40	425065	14.26
10 A4F52	119651	7.65	473292	10.41	371348	14.26
11 A4F53	119386	7.65	460520	10.40	362589	14.26
12 A4F36	127363	7.65	483795	10.41	370339	14.27
13 SLCS325	101847	7.65	380510	10.40	294963	14.26
14 SLCS352	106464	7.65	417548	10.41	330546	14.28

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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020677 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022618.D Time Analyzed: 20:40

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	111490	7.651	424250	10.41	334606	14.26
UPPER LIMIT	222980	8.151	848500	10.91	669212	14.763
LOWER LIMIT	55745	7.151	212125	9.91	167303	13.763
EPA SAMPLE NO.						
01 SBLK359	96913	7.65	369860	10.41	281256	14.27
02 A4F37	77105	7.65	295803	10.40	234435	14.26
03 A4F47	92992	7.65	351968	10.40	270688	14.27
04 A4F49	119635	7.65	460601	10.40	353781	14.26
05 A4F38	117091	7.65	453201	10.40	343075	14.27
06 A4F41	86184	7.65	335161	10.41	260558	14.27
07 A4F39	90368	7.65	342315	10.40	265845	14.27
08 A4F40	95754	7.65	360806	10.40	271931	14.27
09 A4F40MS	97645	7.65	372203	10.41	288610	14.27
10 A4F40MSD	97807	7.65	376767	10.41	288159	14.28
11 SLCS359	186597	7.65	721343	10.40	566637	14.28

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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020678 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BP022630.D Time Analyzed: 05:30

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	108904	7.652	406572	10.41	319505	14.27
UPPER LIMIT	217808	8.152	813144	10.91	639010	14.769
LOWER LIMIT	54452	7.152	203286	9.91	159752.5	13.769
EPA SAMPLE NO.						
01 SBLK386	103051	7.65	395961	10.41	311802	14.27
02 SP6664	75230	7.65	286720	10.41	227815	14.27
03 SP6665	79741	7.65	306038	10.40	233423	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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020623 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 09:53

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	SBLK352	746273	17.07	862777	21.50	958798	24.76
02	A4F44	820170	17.06	877839	21.49	1.05584e+	24.75
03	A4F44MS	894191	17.06	893673	21.50	1.04083e+	24.76
04	A4F44MSD	863566	17.06	856509	21.49	1.01072e+	24.75
05	BHK68	967929	17.08	1.02704e+	21.50	1.19854e+	24.76
06	BHK68MS	846301	17.06	926001	21.50	1.08556e+	24.76
07	BHK68MSD	932931	17.06	937089	21.50	1.06581e+	24.77
08	A4F46	810969	17.05	896579	21.50	1.06701e+	24.77
09	A4F48	965567	17.06	1.00716e+	21.50	1.15854e+	24.75
10	A4F52	871875	17.06	933173	21.50	1.11277e+	24.77
11	A4F53	876088	17.07	876563	21.50	1.02942e+	24.76
12	A4F36	843900	17.07	856882	21.52	1.00209e+	24.77
13	SLCS325	714900	17.07	785976	21.50	893529	24.77
14	SLCS352	823292	17.08	922288	21.52	1.05324e+	24.78
15	SBLK359	664409	17.07	751984	21.51	856401	24.78
16	A4F37	604177	17.09	695974	21.50	846842	24.78
17	A4F47	668837	17.08	765725	21.51	921497	24.77
18	A4F49	807633	17.07	796702	21.51	909683	24.78
19	A4F38	828586	17.08	842062	21.51	965468	24.77
20	A4F41	657738	17.07	689393	21.52	819840	24.78
21	A4F39	643310	17.07	699048	21.52	830341	24.78

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020623 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 01:25

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 A4F40	653062	17.09	690324	21.52	815430	24.79
23 A4F40MS	678803	17.08	713453	21.52	828584	24.78
24 A4F40MSD	710716	17.08	767885	21.51	897069	24.79
25 SLCS359	1.37708*	17.08	1.37887e+	21.52	1.60407e+	24.79
26 SBLK386	760412	17.07	864720	21.51	960291	24.77
27 SP6664	593767	17.07	632942	21.52	738290	24.77
28 SP6665	572836	17.08	657415	21.52	721249	24.79

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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020676 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022603.D Time Analyzed: 09:53

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	816514	17.08	879938	21.516	1.01935e+01	24.786
UPPER LIMIT	1633028	17.58	1759876	22.016	2038700	25.286
LOWER LIMIT	408257	16.58	439969	21.016	509675	24.286
EPA SAMPLE NO.						
01 SBLK352	746273	17.07	862777	21.50	958798	24.76
02 A4F44	820170	17.06	877839	21.49	1.05584e+	24.75
03 A4F44MS	894191	17.06	893673	21.50	1.04083e+	24.76
04 A4F44MSD	863566	17.06	856509	21.49	1.01072e+	24.75
05 BHK68	967929	17.08	1.02704e+	21.50	1.19854e+	24.76
06 BHK68MS	846301	17.06	926001	21.50	1.08556e+	24.76
07 BHK68MSD	932931	17.06	937089	21.50	1.06581e+	24.77
08 A4F46	810969	17.05	896579	21.50	1.06701e+	24.77
09 A4F48	965567	17.06	1.00716e+	21.50	1.15854e+	24.75
10 A4F52	871875	17.06	933173	21.50	1.11277e+	24.77
11 A4F53	876088	17.07	876563	21.50	1.02942e+	24.76
12 A4F36	843900	17.07	856882	21.52	1.00209e+	24.77
13 SLCS325	714900	17.07	785976	21.50	893529	24.77
14 SLCS352	823292	17.08	922288	21.52	1.05324e+	24.78

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.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020677 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022618.D Time Analyzed: 20:40

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	818297	17.074	875873	21.521	1.03734e+01	24.786
UPPER LIMIT	1636594	17.574	1751746	22.021	2074680	25.286
LOWER LIMIT	409148.5	16.574	437936.5	21.021	518670	24.286
EPA SAMPLE NO.						
01 SBLK359	664409	17.07	751984	21.51	856401	24.78
02 A4F37	604177	17.09	695974	21.50	846842	24.78
03 A4F47	668837	17.08	765725	21.51	921497	24.77
04 A4F49	807633	17.07	796702	21.51	909683	24.78
05 A4F38	828586	17.08	842062	21.51	965468	24.77
06 A4F41	657738	17.07	689393	21.52	819840	24.78
07 A4F39	643310	17.07	699048	21.52	830341	24.78
08 A4F40	653062	17.09	690324	21.52	815430	24.79
09 A4F40MS	678803	17.08	713453	21.52	828584	24.78
10 A4F40MSD	710716	17.08	767885	21.51	897069	24.79
11 SLCS359	1.37708	17.08	1.37887e+	21.52	1.60407e+	24.79

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102524 SAS No.: BP102524 SDG NO.: BP102524

EPA Sample No.: SSTD020678 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BP022630.D Time Analyzed: 05:30

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	757986	17.069	837756	21.516	969446	24.786
UPPER LIMIT	1515972	17.569	1675512	22.016	1938892	25.286
LOWER LIMIT	378993	16.569	418878	21.016	484723	24.286
EPA SAMPLE NO.						
01 SBLK386	760412	17.07	864720	21.51	960291	24.77
02 SP6664	593767	17.07	632942	21.52	738290	24.77
03 SP6665	572836	17.08	657415	21.52	721249	24.79

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.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164325BS	1,4-Dioxane	530	260	ug/Kg	49				0	0		
	Benzaldehyde	1300	180	ug/Kg	14				0	0		
	Pyridine	1300	730	ug/Kg	56				0	0		
	Phenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethyl)ether	1300	780	ug/Kg	60				0	0		
	2-Chlorophenol	1300	870	ug/Kg	67				0	0		
	2-Methylphenol	1300	840	ug/Kg	65				0	0		
	2,2-oxybis(1-Chloropropane)	1300	760	ug/Kg	58				0	0		
	Acetophenone	1300	780	ug/Kg	60				0	0		
	4-Methylphenol	1300	820	ug/Kg	63				0	0		
	N-Nitroso-di-n-propylamine	1300	790	ug/Kg	61				0	0		
	Hexachloroethane	1300	800	ug/Kg	62				0	0		
	Nitrobenzene	1300	790	ug/Kg	61				0	0		
	Isophorone	1300	800	ug/Kg	62				0	0		
	2-Nitrophenol	1300	870	ug/Kg	67				0	0		
	2,4-Dimethylphenol	1300	760	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	790	ug/Kg	61				0	0		
	2,4-Dichlorophenol	1300	900	ug/Kg	69				0	0		
	Naphthalene	1300	830	ug/Kg	64				0	0		
	4-Chloroaniline	1300	480	ug/Kg	37				0	0		
	Hexachlorobutadiene	1300	850	ug/Kg	65				0	0		
	Caprolactam	1300	820	ug/Kg	63				0	0		
	4-Chloro-3-methylphenol	1300	850	ug/Kg	65				0	0		
	1-Methylnaphthalene	1300	810	ug/Kg	62				0	0		
	2-Methylnaphthalene	1300	830	ug/Kg	64				0	0		
	Hexachlorocyclopentadiene	1300	490	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	1300	870	ug/Kg	67				0	0		
	2,4,5-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	1,1'-Biphenyl	1300	820	ug/Kg	63				0	0		
	2-Chloronaphthalene	1300	830	ug/Kg	64				0	0		
	2-Nitroaniline	1300	810	ug/Kg	62				0	0		
	Dimethylphthalate	1300	800	ug/Kg	62				0	0		
	2,6-Dinitrotoluene	1300	880	ug/Kg	68				0	0		
	Acenaphthylene	1300	830	ug/Kg	64				0	0		
	3-Nitroaniline	1300	830	ug/Kg	64				0	0		
	Acenaphthene	1300	820	ug/Kg	63				0	0		
	2,4-Dinitrophenol	1300	790	ug/Kg	61				0	0		
	4-Nitrophenol	1300	820	ug/Kg	63				0	0		
	Dibenzofuran	1300	830	ug/Kg	64				0	0		
	2,4-Dinitrotoluene	1300	880	ug/Kg	68				0	0		
	Diethylphthalate	1300	830	ug/Kg	64				0	0		
	Fluorene	1300	830	ug/Kg	64				0	0		
	4-Chlorophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	4-Nitroaniline	1300	960	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164325BS	4,6-Dinitro-2-methylphenol	1300	810	ug/Kg	62				0	0	
	N-Nitrosodiphenylamine	1300	830	ug/Kg	64				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	830	ug/Kg	64				0	0	
	4-Bromophenyl-phenylether	1300	850	ug/Kg	65				0	0	
	Hexachlorobenzene	1300	880	ug/Kg	68				0	0	
	Atrazine	1300	870	ug/Kg	67				0	0	
	Pentachlorophenol	1300	870	ug/Kg	67				0	0	
	Phenanthrene	1300	830	ug/Kg	64				0	0	
	Pentachlorobenzene	1300	810	ug/Kg	62				0	0	
	Anthracene	1300	820	ug/Kg	63				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	840	ug/Kg	65				0	0	
	Carbazole	1300	830	ug/Kg	64				0	0	
	Di-n-butylphthalate	1300	840	ug/Kg	65				0	0	
	Fluoranthene	1300	880	ug/Kg	68				0	0	
	Pyrene	1300	850	ug/Kg	65				0	0	
	Butylbenzylphthalate	1300	870	ug/Kg	67				0	0	
	3,3'-Dichlorobenzidine	1300	850	ug/Kg	65				0	0	
	Benzo(a)anthracene	1300	820	ug/Kg	63				0	0	
	Chrysene	1300	830	ug/Kg	64				0	0	
	Bis(2-ethylhexyl)phthalate	1300	820	ug/Kg	63				0	0	
	Di-n-octylphthalate	1300	870	ug/Kg	67				0	0	
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0	
	Benzo(k)fluoranthene	1300	870	ug/Kg	67				0	0	
	Benzo(a)pyrene	1300	860	ug/Kg	66				0	0	
	Indeno(1,2,3-cd)pyrene	1300	850	ug/Kg	65				0	0	
	Dibenzo(a,h)anthracene	1300	850	ug/Kg	65				0	0	
	Benzo(g,h,i)perylene	1300	850	ug/Kg	65				0	0	
	2,3,4,6-Tetrachlorophenol	1300	890	ug/Kg	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164352BS	1,4-Dioxane	530	260	ug/Kg	49				0	0		
	Benzaldehyde	1300	180	ug/Kg	14				0	0		
	Pyridine	1300	720	ug/Kg	55				0	0		
	Phenol	1300	840	ug/Kg	65				0	0		
	Bis(2-chloroethyl)ether	1300	780	ug/Kg	60				0	0		
	2-Chlorophenol	1300	860	ug/Kg	66				0	0		
	2-Methylphenol	1300	850	ug/Kg	65				0	0		
	2,2-oxybis(1-Chloropropane)	1300	750	ug/Kg	58				0	0		
	Acetophenone	1300	780	ug/Kg	60				0	0		
	4-Methylphenol	1300	830	ug/Kg	64				0	0		
	N-Nitroso-di-n-propylamine	1300	800	ug/Kg	62				0	0		
	Hexachloroethane	1300	800	ug/Kg	62				0	0		
	Nitrobenzene	1300	770	ug/Kg	59				0	0		
	Isophorone	1300	770	ug/Kg	59				0	0		
	2-Nitrophenol	1300	840	ug/Kg	65				0	0		
	2,4-Dimethylphenol	1300	780	ug/Kg	60				0	0		
	Bis(2-chloroethoxy)methane	1300	750	ug/Kg	58				0	0		
	2,4-Dichlorophenol	1300	860	ug/Kg	66				0	0		
	Naphthalene	1300	790	ug/Kg	61				0	0		
	4-Chloroaniline	1300	480	ug/Kg	37				0	0		
	Hexachlorobutadiene	1300	810	ug/Kg	62				0	0		
	Caprolactam	1300	800	ug/Kg	62				0	0		
	4-Chloro-3-methylphenol	1300	850	ug/Kg	65				0	0		
	1-Methylnaphthalene	1300	780	ug/Kg	60				0	0		
	2-Methylnaphthalene	1300	810	ug/Kg	62				0	0		
	Hexachlorocyclopentadiene	1300	500	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	1300	850	ug/Kg	65				0	0		
	2,4,5-Trichlorophenol	1300	860	ug/Kg	66				0	0		
	1,1'-Biphenyl	1300	800	ug/Kg	62				0	0		
	2-Chloronaphthalene	1300	790	ug/Kg	61				0	0		
	2-Nitroaniline	1300	810	ug/Kg	62				0	0		
	Dimethylphthalate	1300	790	ug/Kg	61				0	0		
	2,6-Dinitrotoluene	1300	870	ug/Kg	67				0	0		
	Acenaphthylene	1300	800	ug/Kg	62				0	0		
	3-Nitroaniline	1300	830	ug/Kg	64				0	0		
	Acenaphthene	1300	800	ug/Kg	62				0	0		
	2,4-Dinitrophenol	1300	800	ug/Kg	62				0	0		
	4-Nitrophenol	1300	830	ug/Kg	64				0	0		
	Dibenzofuran	1300	810	ug/Kg	62				0	0		
	2,4-Dinitrotoluene	1300	880	ug/Kg	68				0	0		
	Diethylphthalate	1300	810	ug/Kg	62				0	0		
	Fluorene	1300	820	ug/Kg	63				0	0		
	4-Chlorophenyl-phenylether	1300	800	ug/Kg	62				0	0		
	4-Nitroaniline	1300	970	ug/Kg	75				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164352BS	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	800	ug/Kg	62				0	0	
	4-Bromophenyl-phenylether	1300	820	ug/Kg	63				0	0	
	Hexachlorobenzene	1300	830	ug/Kg	64				0	0	
	Atrazine	1300	860	ug/Kg	66				0	0	
	Pentachlorophenol	1300	840	ug/Kg	65				0	0	
	Phenanthrene	1300	800	ug/Kg	62				0	0	
	Pentachlorobenzene	1300	770	ug/Kg	59				0	0	
	Anthracene	1300	810	ug/Kg	62				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	780	ug/Kg	60				0	0	
	Carbazole	1300	820	ug/Kg	63				0	0	
	Di-n-butylphthalate	1300	810	ug/Kg	62				0	0	
	Fluoranthene	1300	840	ug/Kg	65				0	0	
	Pyrene	1300	830	ug/Kg	64				0	0	
	Butylbenzylphthalate	1300	840	ug/Kg	65				0	0	
	3,3'-Dichlorobenzidine	1300	820	ug/Kg	63				0	0	
	Benzo(a)anthracene	1300	800	ug/Kg	62				0	0	
	Chrysene	1300	780	ug/Kg	60				0	0	
	Bis(2-ethylhexyl)phthalate	1300	780	ug/Kg	60				0	0	
	Di-n-octylphthalate	1300	840	ug/Kg	65				0	0	
	Benzo(b)fluoranthene	1300	830	ug/Kg	64				0	0	
	Benzo(k)fluoranthene	1300	810	ug/Kg	62				0	0	
	Benzo(a)pyrene	1300	800	ug/Kg	62				0	0	
	Indeno(1,2,3-cd)pyrene	1300	820	ug/Kg	63				0	0	
	Dibenzo(a,h)anthracene	1300	820	ug/Kg	63				0	0	
	Benzo(g,h,i)perylene	1300	810	ug/Kg	62				0	0	
	2,3,4,6-Tetrachlorophenol	1300	860	ug/Kg	66				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164359BS	1,4-Dioxane	530	260	ug/Kg	49				0	0		
	Benzaldehyde	1300	200	ug/Kg	15				0	0		
	Pyridine	1300	800	ug/Kg	62				0	0		
	Phenol	1300	940	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	880	ug/Kg	68				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	950	ug/Kg	73				0	0		
	2,2-oxybis(1-Chloropropane)	1300	840	ug/Kg	65				0	0		
	Acetophenone	1300	870	ug/Kg	67				0	0		
	4-Methylphenol	1300	930	ug/Kg	72				0	0		
	N-Nitroso-di-n-propylamine	1300	870	ug/Kg	67				0	0		
	Hexachloroethane	1300	900	ug/Kg	69				0	0		
	Nitrobenzene	1300	880	ug/Kg	68				0	0		
	Isophorone	1300	870	ug/Kg	67				0	0		
	2-Nitrophenol	1300	970	ug/Kg	75				0	0		
	2,4-Dimethylphenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethoxy)methane	1300	860	ug/Kg	66				0	0		
	2,4-Dichlorophenol	1300	990	ug/Kg	76				0	0		
	Naphthalene	1300	900	ug/Kg	69				0	0		
	4-Chloroaniline	1300	600	ug/Kg	46				0	0		
	Hexachlorobutadiene	1300	940	ug/Kg	72				0	0		
	Caprolactam	1300	910	ug/Kg	70				0	0		
	4-Chloro-3-methylphenol	1300	950	ug/Kg	73				0	0		
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	2-Methylnaphthalene	1300	910	ug/Kg	70				0	0		
	Hexachlorocyclopentadiene	1300	580	ug/Kg	45				0	0		
	2,4,6-Trichlorophenol	1300	980	ug/Kg	75				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	900	ug/Kg	69				0	0		
	2-Chloronaphthalene	1300	910	ug/Kg	70				0	0		
	2-Nitroaniline	1300	910	ug/Kg	70				0	0		
	Dimethylphthalate	1300	860	ug/Kg	66				0	0		
	2,6-Dinitrotoluene	1300	990	ug/Kg	76				0	0		
	Acenaphthylene	1300	880	ug/Kg	68				0	0		
	3-Nitroaniline	1300	920	ug/Kg	71				0	0		
	Acenaphthene	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrophenol	1300	870	ug/Kg	67				0	0		
	4-Nitrophenol	1300	920	ug/Kg	71				0	0		
	Dibenzofuran	1300	890	ug/Kg	68				0	0		
	2,4-Dinitrotoluene	1300	980	ug/Kg	75				0	0		
	Diethylphthalate	1300	900	ug/Kg	69				0	0		
	Fluorene	1300	900	ug/Kg	69				0	0		
	4-Chlorophenyl-phenylether	1300	900	ug/Kg	69				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164359BS	4,6-Dinitro-2-methylphenol	1300	870	ug/Kg	67				0	0		
	N-Nitrosodiphenylamine	1300	870	ug/Kg	67				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	950	ug/Kg	73				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Atrazine	1300	990	ug/Kg	76				0	0		
	Pentachlorophenol	1300	1000	ug/Kg	77				0	0		
	Phenanthrene	1300	910	ug/Kg	70				0	0		
	Pentachlorobenzene	1300	900	ug/Kg	69				0	0		
	Anthracene	1300	880	ug/Kg	68				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	Carbazole	1300	890	ug/Kg	68				0	0		
	Di-n-butylphthalate	1300	920	ug/Kg	71				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	970	ug/Kg	75				0	0		
	Butylbenzylphthalate	1300	980	ug/Kg	75				0	0		
	3,3'-Dichlorobenzidine	1300	810	ug/Kg	62				0	0		
	Benzo(a)anthracene	1300	920	ug/Kg	71				0	0		
	Chrysene	1300	890	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	910	ug/Kg	70				0	0		
	Di-n-octylphthalate	1300	900	ug/Kg	69				0	0		
	Benzo(b)fluoranthene	1300	920	ug/Kg	71				0	0		
	Benzo(k)fluoranthene	1300	950	ug/Kg	73				0	0		
	Benzo(a)pyrene	1300	920	ug/Kg	71				0	0		
	Indeno(1,2,3-cd)pyrene	1300	950	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	1300	960	ug/Kg	74				0	0		
	Benzo(g,h,i)perylene	1300	950	ug/Kg	73				0	0		
	2,3,4,6-Tetrachlorophenol	1300	980	ug/Kg	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6664

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102524

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022632.D

Lab Sample ID: SP6664

Instrument ID: BNA_P

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 06:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6664	SP6664	BP022632.D	10/26/2024
SP6665	SP6665	BP022633.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4F44

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102524

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022605.D

Lab Sample ID: P4415-21

Instrument ID: BNA_P

Date Extracted: 10/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 10:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F44	P4415-21	BP022605.D	10/25/2024
A4F44MS	P4415-22MS	BP022606.D	10/25/2024
A4F44MSD	P4415-23MSD	BP022607.D	10/25/2024
PB164325BS	PB164325BS	BP022616.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK352

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102524

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022604.D

Lab Sample ID: PB164352BL

Instrument ID: BNA_P

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 09:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164352BS	PB164352BS	BP022617.D	10/25/2024
BHK68	P4435-01	BP022608.D	10/25/2024
BHK68MS	P4435-02MS	BP022609.D	10/25/2024
BHK68MSD	P4435-03MSD	BP022610.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK359

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102524

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022619.D

Lab Sample ID: PB164359BL

Instrument ID: BNA_P

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 20:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F37	P4436-13	BP022620.D	10/25/2024
A4F47	P4436-05	BP022621.D	10/25/2024
A4F49	P4436-07	BP022622.D	10/25/2024
A4F38	P4436-14	BP022623.D	10/25/2024
A4F41	P4436-19	BP022624.D	10/26/2024
A4F39	P4436-15	BP022625.D	10/26/2024
A4F40	P4436-16	BP022626.D	10/26/2024
A4F40MS	P4436-17MS	BP022627.D	10/26/2024
A4F40MSD	P4436-18MSD	BP022628.D	10/26/2024
PB164359BS	PB164359BS	BP022629.D	10/26/2024
A4F46	P4436-04	BP022611.D	10/25/2024
A4F48	P4436-06	BP022612.D	10/25/2024
A4F52	P4436-08	BP022613.D	10/25/2024
A4F53	P4436-09	BP022614.D	10/25/2024
A4F36	P4436-12	BP022615.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK386

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102524

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022631.D

Lab Sample ID: PB164386BL

Instrument ID: BNA_P

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 05:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4436-17MS	Client Sample ID:	A4F40MS					DataFile:	BP022627.D		
1,4-Dioxane	910		280	ug/Kg	31				15	120	
Benzaldehyde	2300		200	ug/Kg	9				0	0	
Pyridine	2300		520	ug/Kg	23				0	0	
Phenol	2300		930	ug/Kg	40				26	90	
Bis(2-chloroethyl)ether	2300		840	ug/Kg	37				0	0	
2-Chlorophenol	2300		880	ug/Kg	38				25	102	
2-Methylphenol	2300		820	ug/Kg	36				0	0	
2,2-oxybis(1-Chloropropane)	2300		840	ug/Kg	37				0	0	
Acetophenone	2300	120	1100	ug/Kg	43				0	0	
4-Methylphenol	2300		850	ug/Kg	37				0	0	
N-Nitroso-di-n-propylamine	2300		850	ug/Kg	37	*			41	126	
Hexachloroethane	2300		620	ug/Kg	27				0	0	
Nitrobenzene	2300		860	ug/Kg	37				0	0	
Isophorone	2300		870	ug/Kg	38				0	0	
2-Nitrophenol	2300		940	ug/Kg	41				0	0	
2,4-Dimethylphenol	2300		440	ug/Kg	19				0	0	
Bis(2-chloroethoxy)methane	2300		860	ug/Kg	37				0	0	
2,4-Dichlorophenol	2300		950	ug/Kg	41				0	0	
Naphthalene	2300		930	ug/Kg	40				0	0	
4-Chloroaniline	2300		360	ug/Kg	16				0	0	
Hexachlorobutadiene	2300		930	ug/Kg	40				0	0	
Caprolactam	2300		830	ug/Kg	36				0	0	
4-Chloro-3-methylphenol	2300		940	ug/Kg	41				26	103	
1-Methylnaphthalene	2300		910	ug/Kg	40				0	0	
2-Methylnaphthalene	2300		940	ug/Kg	41				0	0	
Hexachlorocyclopentadiene	2300		330	ug/Kg	14				0	0	
2,4,6-Trichlorophenol	2300		960	ug/Kg	42				0	0	
2,4,5-Trichlorophenol	2300		990	ug/Kg	43				0	0	
1,1'-Biphenyl	2300		940	ug/Kg	41				0	0	
2-Chloronaphthalene	2300		950	ug/Kg	41				0	0	
2-Nitroaniline	2300		860	ug/Kg	37				0	0	
Dimethylphthalate	2300		900	ug/Kg	39				0	0	
2,6-Dinitrotoluene	2300		980	ug/Kg	43				0	0	
Acenaphthylene	2300		920	ug/Kg	40				0	0	
3-Nitroaniline	2300		760	ug/Kg	33				0	0	
Acenaphthene	2300		930	ug/Kg	40				31	137	
2,4-Dinitrophenol	2300		640	ug/Kg	28				0	0	
4-Nitrophenol	2300		870	ug/Kg	38				11	114	
Dibenzofuran	2300		940	ug/Kg	41				0	0	
2,4-Dinitrotoluene	2300		950	ug/Kg	41				28	89	
Diethylphthalate	2300		930	ug/Kg	40				0	0	
Fluorene	2300		940	ug/Kg	41				0	0	
4-Chlorophenyl-phenylether	2300		950	ug/Kg	41				0	0	
4-Nitroaniline	2300		920	ug/Kg	40				0	0	
4,6-Dinitro-2-methylphenol	2300		790	ug/Kg	34				0	0	
N-Nitrosodiphenylamine	2300		960	ug/Kg	42				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	2300		900	ug/Kg	39				0	0	
4-Bromophenyl-phenylether	2300		1000	ug/Kg	43				0	0	
Hexachlorobenzene	2300		720	ug/Kg	31				0	0	
Atrazine	2300		1000	ug/Kg	43				0	0	
Pentachlorophenol	2300		790	ug/Kg	34				17	109	
Phenanthrene	2300	93	1000	ug/Kg	39				0	0	
Pentachlorobenzene	2300		830	ug/Kg	36				0	0	
Anthracene	2300		940	ug/Kg	41				0	0	
1,2,3,4-Tetrachlorobenzene	2300		900	ug/Kg	39				0	0	
Carbazole	2300		840	ug/Kg	37				0	0	
Di-n-butylphthalate	2300		950	ug/Kg	41				0	0	
Fluoranthene	2300	200	1200	ug/Kg	43				0	0	
Pyrene	2300	120	840	ug/Kg	31	*			35	142	
Butylbenzylphthalate	2300		1000	ug/Kg	43				0	0	
3,3'-Dichlorobenzidine	2300		510	ug/Kg	22				0	0	
Benzo(a)anthracene	2300	83	1000	ug/Kg	40				0	0	
Chrysene	2300	95	1000	ug/Kg	39				0	0	
Bis(2-ethylhexyl)phthalate	2300		1000	ug/Kg	43				0	0	
Di-n-octylphthalate	2300		980	ug/Kg	43				0	0	
Benzo(b)fluoranthene	2300	100	1000	ug/Kg	39				0	0	
Benzo(k)fluoranthene	2300		1000	ug/Kg	43				0	0	
Benzo(a)pyrene	2300		460	ug/Kg	20				0	0	
Indeno(1,2,3-cd)pyrene	2300		670	ug/Kg	29				0	0	
Dibenzo(a,h)anthracene	2300		990	ug/Kg	43				0	0	
Benzo(g,h,i)perylene	2300		76	ug/Kg	3				0	0	
2,3,4,6-Tetrachlorophenol	2300		960	ug/Kg	42				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4436-18MSD	Client Sample ID:	A4F40MSD					DataFile:	BP022628.D		
1,4-Dioxane	900		270	ug/Kg	30		3		15	120	50
Benzaldehyde	2300		200	ug/Kg	9		0		0	0	0
Pyridine	2300		510	ug/Kg	22		4	*	0	0	0
Phenol	2300		900	ug/Kg	39		3		26	90	35
Bis(2-chloroethyl)ether	2300		790	ug/Kg	34		8	*	0	0	0
2-Chlorophenol	2300		860	ug/Kg	37		3		25	102	50
2-Methylphenol	2300		790	ug/Kg	34		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	2300		790	ug/Kg	34		8	*	0	0	0
Acetophenone	2300	120	1000	ug/Kg	38		12	*	0	0	0
4-Methylphenol	2300		800	ug/Kg	35		6	*	0	0	0
N-Nitroso-di-n-propylamine	2300		830	ug/Kg	36	*	3		41	126	38
Hexachloroethane	2300		610	ug/Kg	27		0		0	0	0
Nitrobenzene	2300		830	ug/Kg	36		3	*	0	0	0
Isophorone	2300		820	ug/Kg	36		5	*	0	0	0
2-Nitrophenol	2300		880	ug/Kg	38		8	*	0	0	0
2,4-Dimethylphenol	2300		380	ug/Kg	17		11	*	0	0	0
Bis(2-chloroethoxy)methane	2300		810	ug/Kg	35		6	*	0	0	0
2,4-Dichlorophenol	2300		920	ug/Kg	40		2	*	0	0	0
Naphthalene	2300		870	ug/Kg	38		5	*	0	0	0
4-Chloroaniline	2300		420	ug/Kg	18		12	*	0	0	0
Hexachlorobutadiene	2300		890	ug/Kg	39		3	*	0	0	0
Caprolactam	2300		840	ug/Kg	37		3	*	0	0	0
4-Chloro-3-methylphenol	2300		910	ug/Kg	40		2		26	103	33
1-Methylnaphthalene	2300		860	ug/Kg	37		8	*	0	0	0
2-Methylnaphthalene	2300		890	ug/Kg	39		5	*	0	0	0
Hexachlorocyclopentadiene	2300		300	ug/Kg	13		7	*	0	0	0
2,4,6-Trichlorophenol	2300		930	ug/Kg	40		5	*	0	0	0
2,4,5-Trichlorophenol	2300		980	ug/Kg	43		0		0	0	0
1,1'-Biphenyl	2300		910	ug/Kg	40		2	*	0	0	0
2-Chloronaphthalene	2300		910	ug/Kg	40		2	*	0	0	0
2-Nitroaniline	2300		860	ug/Kg	37		0		0	0	0
Dimethylphthalate	2300		900	ug/Kg	39		0		0	0	0
2,6-Dinitrotoluene	2300		970	ug/Kg	42		2	*	0	0	0
Acenaphthylene	2300		900	ug/Kg	39		3	*	0	0	0
3-Nitroaniline	2300		780	ug/Kg	34		3	*	0	0	0
Acenaphthene	2300		930	ug/Kg	40		0		31	137	19
2,4-Dinitrophenol	2300		660	ug/Kg	29		4	*	0	0	0
4-Nitrophenol	2300		910	ug/Kg	40		5		11	114	50
Dibenzofuran	2300		930	ug/Kg	40		2	*	0	0	0
2,4-Dinitrotoluene	2300		960	ug/Kg	42		2		28	89	47
Diethylphthalate	2300		910	ug/Kg	40		0		0	0	0
Fluorene	2300		920	ug/Kg	40		2	*	0	0	0
4-Chlorophenyl-phenylether	2300		910	ug/Kg	40		2	*	0	0	0
4-Nitroaniline	2300		970	ug/Kg	42		5	*	0	0	0
4,6-Dinitro-2-methylphenol	2300		730	ug/Kg	32		6	*	0	0	0
N-Nitrosodiphenylamine	2300		900	ug/Kg	39		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	2300		880	ug/Kg	38		3	*	0	0	0
4-Bromophenyl-phenylether	2300		970	ug/Kg	42		2	*	0	0	0
Hexachlorobenzene	2300		680	ug/Kg	30		3	*	0	0	0
Atrazine	2300		940	ug/Kg	41		5	*	0	0	0
Pentachlorophenol	2300		790	ug/Kg	34		0		17	109	47
Phenanthrene	2300	93	1000	ug/Kg	39		0		0	0	0
Pentachlorobenzene	2300		790	ug/Kg	34		6	*	0	0	0
Anthracene	2300		910	ug/Kg	40		2	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2300		830	ug/Kg	36		8	*	0	0	0
Carbazole	2300		850	ug/Kg	37		0		0	0	0
Di-n-butylphthalate	2300		940	ug/Kg	41		0		0	0	0
Fluoranthene	2300	200	1200	ug/Kg	43		0		0	0	0
Pyrene	2300	120	820	ug/Kg	30	*	3		35	142	36
Butylbenzylphthalate	2300		970	ug/Kg	42		2	*	0	0	0
3,3'-Dichlorobenzidine	2300		500	ug/Kg	22		0		0	0	0
Benzo(a)anthracene	2300	83	1000	ug/Kg	40		0		0	0	0
Chrysene	2300	95	1000	ug/Kg	39		0		0	0	0
Bis(2-ethylhexyl)phthalate	2300		980	ug/Kg	43		0		0	0	0
Di-n-octylphthalate	2300		930	ug/Kg	40		7	*	0	0	0
Benzo(b)fluoranthene	2300	100	1000	ug/Kg	39		0		0	0	0
Benzo(k)fluoranthene	2300		990	ug/Kg	43		0		0	0	0
Benzo(a)pyrene	2300		440	ug/Kg	19		5	*	0	0	0
Indeno(1,2,3-cd)pyrene	2300		660	ug/Kg	29		0		0	0	0
Dibenzo(a,h)anthracene	2300		960	ug/Kg	42		2	*	0	0	0
Benzo(g,h,i)perylene	2300		73	ug/Kg	3		0		0	0	0
2,3,4,6-Tetrachlorophenol	2300		960	ug/Kg	42		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4415-22MS	Client Sample ID:	A4F44MS					DataFile:	BP022606.D		
1,4-Dioxane	960		210	ug/Kg	22				15	120	
Benzaldehyde	2400		160	ug/Kg	7				0	0	
Pyridine	2400		320	ug/Kg	13				0	0	
Phenol	2400		700	ug/Kg	29				26	90	
Bis(2-chloroethyl)ether	2400		640	ug/Kg	27				0	0	
2-Chlorophenol	2400		670	ug/Kg	28				25	102	
2-Methylphenol	2400		610	ug/Kg	25				0	0	
2,2-oxybis(1-Chloropropane)	2400		640	ug/Kg	27				0	0	
Acetophenone	2400	120	830	ug/Kg	30				0	0	
4-Methylphenol	2400		650	ug/Kg	27				0	0	
N-Nitroso-di-n-propylamine	2400		690	ug/Kg	29	*			41	126	
Hexachloroethane	2400		420	ug/Kg	18				0	0	
Nitrobenzene	2400		650	ug/Kg	27				0	0	
Isophorone	2400		700	ug/Kg	29				0	0	
2-Nitrophenol	2400		710	ug/Kg	30				0	0	
2,4-Dimethylphenol	2400		260	ug/Kg	11				0	0	
Bis(2-chloroethoxy)methane	2400		650	ug/Kg	27				0	0	
2,4-Dichlorophenol	2400		740	ug/Kg	31				0	0	
Naphthalene	2400		690	ug/Kg	29				0	0	
4-Chloroaniline	2400		320	ug/Kg	13				0	0	
Hexachlorobutadiene	2400		710	ug/Kg	30				0	0	
Caprolactam	2400		730	ug/Kg	30				0	0	
4-Chloro-3-methylphenol	2400		750	ug/Kg	31				26	103	
1-Methylnaphthalene	2400		700	ug/Kg	29				0	0	
2-Methylnaphthalene	2400		730	ug/Kg	30				0	0	
Hexachlorocyclopentadiene	2400		250	ug/Kg	10				0	0	
2,4,6-Trichlorophenol	2400		750	ug/Kg	31				0	0	
2,4,5-Trichlorophenol	2400		800	ug/Kg	33				0	0	
1,1'-Biphenyl	2400		710	ug/Kg	30				0	0	
2-Chloronaphthalene	2400		700	ug/Kg	29				0	0	
2-Nitroaniline	2400		720	ug/Kg	30				0	0	
Dimethylphthalate	2400		750	ug/Kg	31				0	0	
2,6-Dinitrotoluene	2400		800	ug/Kg	33				0	0	
Acenaphthylene	2400		710	ug/Kg	30				0	0	
3-Nitroaniline	2400		650	ug/Kg	27				0	0	
Acenaphthene	2400		750	ug/Kg	31				31	137	
2,4-Dinitrophenol	2400		630	ug/Kg	26				0	0	
4-Nitrophenol	2400		740	ug/Kg	31				11	114	
Dibenzofuran	2400		750	ug/Kg	31				0	0	
2,4-Dinitrotoluene	2400		820	ug/Kg	34				28	89	
Diethylphthalate	2400		790	ug/Kg	33				0	0	
Fluorene	2400		770	ug/Kg	32				0	0	
4-Chlorophenyl-phenylether	2400		790	ug/Kg	33				0	0	
4-Nitroaniline	2400		760	ug/Kg	32				0	0	
4,6-Dinitro-2-methylphenol	2400		740	ug/Kg	31				0	0	
N-Nitrosodiphenylamine	2400		770	ug/Kg	32				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	2400		660	ug/Kg	28				0	0	
4-Bromophenyl-phenylether	2400		800	ug/Kg	33				0	0	
Hexachlorobenzene	2400		520	ug/Kg	22				0	0	
Atrazine	2400		860	ug/Kg	36				0	0	
Pentachlorophenol	2400		560	ug/Kg	23				17	109	
Phenanthrene	2400	69	850	ug/Kg	33				0	0	
Pentachlorobenzene	2400		630	ug/Kg	26				0	0	
Anthracene	2400		730	ug/Kg	30				0	0	
1,2,3,4-Tetrachlorobenzene	2400		630	ug/Kg	26				0	0	
Carbazole	2400		640	ug/Kg	27				0	0	
Di-n-butylphthalate	2400		820	ug/Kg	34				0	0	
Fluoranthene	2400	140	1000	ug/Kg	36				0	0	
Pyrene	2400	0	650	ug/Kg	27	*			35	142	
Butylbenzylphthalate	2400		860	ug/Kg	36				0	0	
3,3'-Dichlorobenzidine	2400		450	ug/Kg	19				0	0	
Benzo(a)anthracene	2400	61	870	ug/Kg	34				0	0	
Chrysene	2400	63	860	ug/Kg	33				0	0	
Bis(2-ethylhexyl)phthalate	2400		900	ug/Kg	38				0	0	
Di-n-octylphthalate	2400		830	ug/Kg	35				0	0	
Benzo(b)fluoranthene	2400	80	860	ug/Kg	33				0	0	
Benzo(k)fluoranthene	2400		860	ug/Kg	36				0	0	
Benzo(a)pyrene	2400		330	ug/Kg	14				0	0	
Indeno(1,2,3-cd)pyrene	2400		520	ug/Kg	22				0	0	
Dibenzo(a,h)anthracene	2400		820	ug/Kg	34				0	0	
Benzo(g,h,i)perylene	2400		64	ug/Kg	3				0	0	
2,3,4,6-Tetrachlorophenol	2400		780	ug/Kg	33				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4415-23MSD	Client Sample ID:	A4F44MSD					DataFile:	BP022607.D		
1,4-Dioxane	960	120	210	ug/Kg	22		0		15	120	50
Benzaldehyde	2400		170	ug/Kg	7		0		0	0	0
Pyridine	2400		330	ug/Kg	14		7	*	0	0	0
Phenol	2400		730	ug/Kg	30		3		26	90	35
Bis(2-chloroethyl)ether	2400		670	ug/Kg	28		4	*	0	0	0
2-Chlorophenol	2400		700	ug/Kg	29		4		25	102	50
2-Methylphenol	2400		620	ug/Kg	26		4	*	0	0	0
2,2-oxybis(1-Chloropropane)	2400		650	ug/Kg	27		0		0	0	0
Acetophenone	2400		850	ug/Kg	30		0		0	0	0
4-Methylphenol	2400		650	ug/Kg	27		0		0	0	0
N-Nitroso-di-n-propylamine	2400		710	ug/Kg	30	*	3		41	126	38
Hexachloroethane	2400		440	ug/Kg	18		0		0	0	0
Nitrobenzene	2400		660	ug/Kg	28		4	*	0	0	0
Isophorone	2400		710	ug/Kg	30		3	*	0	0	0
2-Nitrophenol	2400		710	ug/Kg	30		0		0	0	0
2,4-Dimethylphenol	2400		270	ug/Kg	11		0		0	0	0
Bis(2-chloroethoxy)methane	2400		680	ug/Kg	28		4	*	0	0	0
2,4-Dichlorophenol	2400		750	ug/Kg	31		0		0	0	0
Naphthalene	2400		710	ug/Kg	30		3	*	0	0	0
4-Chloroaniline	2400		340	ug/Kg	14		7	*	0	0	0
Hexachlorobutadiene	2400		730	ug/Kg	30		0		0	0	0
Caprolactam	2400		730	ug/Kg	30		0		0	0	0
4-Chloro-3-methylphenol	2400		770	ug/Kg	32		3		26	103	33
1-Methylnaphthalene	2400		720	ug/Kg	30		3	*	0	0	0
2-Methylnaphthalene	2400		730	ug/Kg	30		0		0	0	0
Hexachlorocyclopentadiene	2400		270	ug/Kg	11		10	*	0	0	0
2,4,6-Trichlorophenol	2400		790	ug/Kg	33		6	*	0	0	0
2,4,5-Trichlorophenol	2400		810	ug/Kg	34		3	*	0	0	0
1,1'-Biphenyl	2400		750	ug/Kg	31		3	*	0	0	0
2-Chloronaphthalene	2400		760	ug/Kg	32		10	*	0	0	0
2-Nitroaniline	2400		730	ug/Kg	30		0		0	0	0
Dimethylphthalate	2400		770	ug/Kg	32		3	*	0	0	0
2,6-Dinitrotoluene	2400		820	ug/Kg	34		3	*	0	0	0
Acenaphthylene	2400		730	ug/Kg	30		0		0	0	0
3-Nitroaniline	2400		670	ug/Kg	28		4	*	0	0	0
Acenaphthene	2400		790	ug/Kg	33		6		31	137	19
2,4-Dinitrophenol	2400		650	ug/Kg	27		4	*	0	0	0
4-Nitrophenol	2400		750	ug/Kg	31		0		11	114	50
Dibenzofuran	2400		770	ug/Kg	32		3	*	0	0	0
2,4-Dinitrotoluene	2400		810	ug/Kg	34		0		28	89	47
Diethylphthalate	2400		790	ug/Kg	33		0		0	0	0
Fluorene	2400		780	ug/Kg	33		3	*	0	0	0
4-Chlorophenyl-phenylether	2400		790	ug/Kg	33		0		0	0	0
4-Nitroaniline	2400		790	ug/Kg	33		3	*	0	0	0
4,6-Dinitro-2-methylphenol	2400		750	ug/Kg	31		0		0	0	0
N-Nitrosodiphenylamine	2400		810	ug/Kg	34		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	2400		710	ug/Kg	30		7	*	0	0	0
4-Bromophenyl-phenylether	2400		850	ug/Kg	35		6	*	0	0	0
Hexachlorobenzene	2400		550	ug/Kg	23		4	*	0	0	0
Atrazine	2400		860	ug/Kg	36		0		0	0	0
Pentachlorophenol	2400		600	ug/Kg	25		8		17	109	47
Phenanthrene	2400	69	870	ug/Kg	33		0		0	0	0
Pentachlorobenzene	2400		660	ug/Kg	28		7	*	0	0	0
Anthracene	2400		760	ug/Kg	32		6	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2400		700	ug/Kg	29		11	*	0	0	0
Carbazole	2400		670	ug/Kg	28		4	*	0	0	0
Di-n-butylphthalate	2400		840	ug/Kg	35		3	*	0	0	0
Fluoranthene	2400	140	1100	ug/Kg	40		11	*	0	0	0
Pyrene	2400	0	680	ug/Kg	28	*	4		35	142	36
Butylbenzylphthalate	2400		890	ug/Kg	37		3	*	0	0	0
3,3'-Dichlorobenzidine	2400		470	ug/Kg	20		5	*	0	0	0
Benzo(a)anthracene	2400	61	890	ug/Kg	35		3	*	0	0	0
Chrysene	2400	63	900	ug/Kg	35		6	*	0	0	0
Bis(2-ethylhexyl)phthalate	2400		930	ug/Kg	39		3	*	0	0	0
Di-n-octylphthalate	2400		860	ug/Kg	36		3	*	0	0	0
Benzo(b)fluoranthene	2400	80	890	ug/Kg	34		3	*	0	0	0
Benzo(k)fluoranthene	2400		880	ug/Kg	37		3	*	0	0	0
Benzo(a)pyrene	2400		340	ug/Kg	14		0		0	0	0
Indeno(1,2,3-cd)pyrene	2400		520	ug/Kg	22		0		0	0	0
Dibenzo(a,h)anthracene	2400		830	ug/Kg	35		3	*	0	0	0
Benzo(g,h,i)perylene	2400		62	ug/Kg	3		0		0	0	0
2,3,4,6-Tetrachlorophenol	2400		800	ug/Kg	33		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4435-02MS	Client Sample ID:	BHK68MS					DataFile:	BP022609.D		
1,4-Dioxane	580		340	ug/Kg	59				15	120	
Benzaldehyde	1500		200	ug/Kg	13				0	0	
Pyridine	1500		940	ug/Kg	63				0	0	
Phenol	1500		1100	ug/Kg	73				26	90	
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73				0	0	
2-Chlorophenol	1500		1100	ug/Kg	73				25	102	
2-Methylphenol	1500		1100	ug/Kg	73				0	0	
2,2-oxybis(1-Chloropropane)	1500		1000	ug/Kg	67				0	0	
Acetophenone	1500		1100	ug/Kg	73				0	0	
4-Methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73				41	126	
Hexachloroethane	1500		1100	ug/Kg	73				0	0	
Nitrobenzene	1500		1100	ug/Kg	73				0	0	
Isophorone	1500		1100	ug/Kg	73				0	0	
2-Nitrophenol	1500		1200	ug/Kg	80				0	0	
2,4-Dimethylphenol	1500		940	ug/Kg	63				0	0	
Bis(2-chloroethoxy)methane	1500		1100	ug/Kg	73				0	0	
2,4-Dichlorophenol	1500		1200	ug/Kg	80				0	0	
Naphthalene	1500		1100	ug/Kg	73				0	0	
4-Chloroaniline	1500		630	ug/Kg	42				0	0	
Hexachlorobutadiene	1500		1100	ug/Kg	73				0	0	
Caprolactam	1500		1100	ug/Kg	73				0	0	
4-Chloro-3-methylphenol	1500		1200	ug/Kg	80				26	103	
1-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
2-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
Hexachlorocyclopentadiene	1500		680	ug/Kg	45				0	0	
2,4,6-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
2,4,5-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
1,1'-Biphenyl	1500		1100	ug/Kg	73				0	0	
2-Chloronaphthalene	1500		1100	ug/Kg	73				0	0	
2-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Dimethylphthalate	1500		1100	ug/Kg	73				0	0	
2,6-Dinitrotoluene	1500		1200	ug/Kg	80				0	0	
Acenaphthylene	1500		1100	ug/Kg	73				0	0	
3-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Acenaphthene	1500		1100	ug/Kg	73				31	137	
2,4-Dinitrophenol	1500		1100	ug/Kg	73				0	0	
4-Nitrophenol	1500		1200	ug/Kg	80				11	114	
Dibenzofuran	1500		1100	ug/Kg	73				0	0	
2,4-Dinitrotoluene	1500		1200	ug/Kg	80				28	89	
Diethylphthalate	1500		1200	ug/Kg	80				0	0	
Fluorene	1500		1100	ug/Kg	73				0	0	
4-Chlorophenyl-phenylether	1500		1100	ug/Kg	73				0	0	
4-Nitroaniline	1500		1300	ug/Kg	87				0	0	
4,6-Dinitro-2-methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitrosodiphenylamine	1500		1100	ug/Kg	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	1500		1100	ug/Kg	73				0	0	
4-Bromophenyl-phenylether	1500		1100	ug/Kg	73				0	0	
Hexachlorobenzene	1500		1100	ug/Kg	73				0	0	
Atrazine	1500		1200	ug/Kg	80				0	0	
Pentachlorophenol	1500		1100	ug/Kg	73				17	109	
Phenanthrene	1500		1100	ug/Kg	73				0	0	
Pentachlorobenzene	1500		1100	ug/Kg	73				0	0	
Anthracene	1500		1100	ug/Kg	73				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1100	ug/Kg	73				0	0	
Carbazole	1500		1100	ug/Kg	73				0	0	
Di-n-butylphthalate	1500		1100	ug/Kg	73				0	0	
Fluoranthene	1500		1200	ug/Kg	80				0	0	
Pyrene	1500		1200	ug/Kg	80				35	142	
Butylbenzylphthalate	1500		1200	ug/Kg	80				0	0	
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73				0	0	
Benzo(a)anthracene	1500		1100	ug/Kg	73				0	0	
Chrysene	1500		1100	ug/Kg	73				0	0	
Bis(2-ethylhexyl)phthalate	1500		1200	ug/Kg	80				0	0	
Di-n-octylphthalate	1500		1200	ug/Kg	80				0	0	
Benzo(b)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(k)fluoranthene	1500		1100	ug/Kg	73				0	0	
Benzo(a)pyrene	1500		1200	ug/Kg	80				0	0	
Indeno(1,2,3-cd)pyrene	1500		1200	ug/Kg	80				0	0	
Dibenzo(a,h)anthracene	1500		1200	ug/Kg	80				0	0	
Benzo(g,h,i)perylene	1500		1200	ug/Kg	80				0	0	
2,3,4,6-Tetrachlorophenol	1500		1200	ug/Kg	80				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4435-03MSD	Client Sample ID:	BHK68MSD					DataFile:	BP022610.D		
1,4-Dioxane	580		370	ug/Kg	64	8			15	120	50
Benzaldehyde	1500		230	ug/Kg	15	14	*		0	0	0
Pyridine	1500		1000	ug/Kg	67	6	*		0	0	0
Phenol	1500		1200	ug/Kg	80	9			26	90	35
Bis(2-chloroethyl)ether	1500		1200	ug/Kg	80	9	*		0	0	0
2-Chlorophenol	1500		1300	ug/Kg	87	18			25	102	50
2-Methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
2,2-oxybis(1-Chloropropane)	1500		1200	ug/Kg	80	18	*		0	0	0
Acetophenone	1500		1200	ug/Kg	80	9	*		0	0	0
4-Methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
N-Nitroso-di-n-propylamine	1500		1200	ug/Kg	80	9			41	126	38
Hexachloroethane	1500		1200	ug/Kg	80	9	*		0	0	0
Nitrobenzene	1500		1200	ug/Kg	80	9	*		0	0	0
Isophorone	1500		1200	ug/Kg	80	9	*		0	0	0
2-Nitrophenol	1500		1300	ug/Kg	87	8	*		0	0	0
2,4-Dimethylphenol	1500		1000	ug/Kg	67	6	*		0	0	0
Bis(2-chloroethoxy)methane	1500		1200	ug/Kg	80	9	*		0	0	0
2,4-Dichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
Naphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
4-Chloroaniline	1500		700	ug/Kg	47	11	*		0	0	0
Hexachlorobutadiene	1500		1200	ug/Kg	80	9	*		0	0	0
Caprolactam	1500		1300	ug/Kg	87	18	*		0	0	0
4-Chloro-3-methylphenol	1500		1300	ug/Kg	87	8			26	103	33
1-Methylnaphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
2-Methylnaphthalene	1500		1300	ug/Kg	87	18	*		0	0	0
Hexachlorocyclopentadiene	1500		750	ug/Kg	50	11	*		0	0	0
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
1,1'-Biphenyl	1500		1200	ug/Kg	80	9	*		0	0	0
2-Chloronaphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
2-Nitroaniline	1500		1200	ug/Kg	80	9	*		0	0	0
Dimethylphthalate	1500		1200	ug/Kg	80	9	*		0	0	0
2,6-Dinitrotoluene	1500		1400	ug/Kg	93	15	*		0	0	0
Acenaphthylene	1500		1200	ug/Kg	80	9	*		0	0	0
3-Nitroaniline	1500		1200	ug/Kg	80	9	*		0	0	0
Acenaphthene	1500		1200	ug/Kg	80	9			31	137	19
2,4-Dinitrophenol	1500		1200	ug/Kg	80	9	*		0	0	0
4-Nitrophenol	1500		1200	ug/Kg	80	0			11	114	50
Dibenzofuran	1500		1200	ug/Kg	80	9	*		0	0	0
2,4-Dinitrotoluene	1500		1300	ug/Kg	87	8			28	89	47
Diethylphthalate	1500		1200	ug/Kg	80	0			0	0	0
Fluorene	1500		1200	ug/Kg	80	9	*		0	0	0
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80	9	*		0	0	0
4-Nitroaniline	1500		1400	ug/Kg	93	7	*		0	0	0
4,6-Dinitro-2-methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
N-Nitrosodiphenylamine	1500		1200	ug/Kg	80	9	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102524

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	1500		1200	ug/Kg	80		9	*	0	0	0
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87		18	*	0	0	0
Hexachlorobenzene	1500		1300	ug/Kg	87		18	*	0	0	0
Atrazine	1500		1300	ug/Kg	87		8	*	0	0	0
Pentachlorophenol	1500		1200	ug/Kg	80		9		17	109	47
Phenanthrene	1500		1200	ug/Kg	80		9	*	0	0	0
Pentachlorobenzene	1500		1200	ug/Kg	80		9	*	0	0	0
Anthracene	1500		1200	ug/Kg	80		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1200	ug/Kg	80		9	*	0	0	0
Carbazole	1500		1200	ug/Kg	80		9	*	0	0	0
Di-n-butylphthalate	1500		1200	ug/Kg	80		9	*	0	0	0
Fluoranthene	1500		1300	ug/Kg	87		8	*	0	0	0
Pyrene	1500		1300	ug/Kg	87		8		35	142	36
Butylbenzylphthalate	1500		1300	ug/Kg	87		8	*	0	0	0
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73		0		0	0	0
Benzo(a)anthracene	1500		1200	ug/Kg	80		9	*	0	0	0
Chrysene	1500		1200	ug/Kg	80		9	*	0	0	0
Bis(2-ethylhexyl)phthalate	1500		1300	ug/Kg	87		8	*	0	0	0
Di-n-octylphthalate	1500		1300	ug/Kg	87		8	*	0	0	0
Benzo(b)fluoranthene	1500		1300	ug/Kg	87		8	*	0	0	0
Benzo(k)fluoranthene	1500		1300	ug/Kg	87		18	*	0	0	0
Benzo(a)pyrene	1500		1200	ug/Kg	80		0		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1200	ug/Kg	80		0		0	0	0
Dibenzo(a,h)anthracene	1500		1200	ug/Kg	80		0		0	0	0
Benzo(g,h,i)perylene	1500		1200	ug/Kg	80		0		0	0	0
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87		8	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6664	SP6664	BP022632.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
SP6665	SP6665	BP022633.D	1,4-Dioxane-d8	8	14,648.00	183100	*	15	120
			Pyridine-d5	40	78,616.00	196540	*	20	120
			Phenol-d5	40	79,562.00	198905	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	76,950.00	192375	*	25	120
			2-Chlorophenol-d4	40	85,182.00	212955	*	20	130
			4-Methylphenol-d8	40	80,905.00	202263	*	25	125
			Nitrobenzene-d5	40	86,269.00	215673	*	20	125
			2-Nitrophenol-d4	40	92,681.00	231702	*	20	130
			2,4-Dichlorophenol-d3	40	82,174.00	205435	*	20	120
			4-Chloroaniline-d4	40	81,773.00	204432	*	1	146
			Dimethylphthalate-d6	40	81,686.00	204215	*	25	130
			Acenaphthylene-d8	40	84,496.00	211240	*	10	130
			4-Nitrophenol-d4	40	79,948.00	199870	*	10	150
			Fluorene-d10	40	83,385.00	208463	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	74,237.00	185593	*	10	130
			Anthracene-d10	40	85,935.00	214838	*	25	130
			Pyrene-d10	40	83,752.00	209380	*	15	130
			Benzo(a)pyrene-d12	40	87,613.00	219032	*	20	130

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4415-21	A4F44	BP022605.D	1,4-Dioxane-d8	8	1.18	15		15	120
			Pyridine-d5	40	1.23	3	*	20	120
			Phenol-d5	40	6.92	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.81	17		10	150
			2-Chlorophenol-d4	40	7.53	19		15	120
			4-Methylphenol-d8	40	5.89	15		10	140
			Nitrobenzene-d5	40	6.85	17		10	135
			2-Nitrophenol-d4	40	7.40	19		10	120
			2,4-Dichlorophenol-d3	40	7.45	19		10	140
			4-Chloroaniline-d4	40	4.65	12		1	145
			Dimethylphthalate-d6	40	8.35	21		10	145
			Acenaphthylene-d8	40	7.76	19		15	120
			4-Nitrophenol-d4	40	5.19	13		10	150
			Fluorene-d10	40	8.64	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.32	13		10	130
			Anthracene-d10	40	8.02	20		10	150
			Pyrene-d10	40	7.25	18		10	130
			Benzo(a)pyrene-d12	40	5.19	13		10	140
P4415-22MS	A4F44MS	BP022606.D	1,4-Dioxane-d8	8	1.06	13	*	15	120
			Pyridine-d5	40	4.16	10	*	20	120
			Phenol-d5	40	6.91	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.66	17		10	150
			2-Chlorophenol-d4	40	7.51	19		15	120
			4-Methylphenol-d8	40	6.90	17		10	140
			Nitrobenzene-d5	40	7.05	18		10	135
			2-Nitrophenol-d4	40	7.35	18		10	120
			2,4-Dichlorophenol-d3	40	8.52	21		10	140
			4-Chloroaniline-d4	40	5.49	14		1	145
			Dimethylphthalate-d6	40	8.61	22		10	145
			Acenaphthylene-d8	40	8.11	20		15	120
			4-Nitrophenol-d4	40	7.42	19		10	150
			Fluorene-d10	40	9.00	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.71	19		10	130
			Anthracene-d10	40	8.66	22		10	150
			Pyrene-d10	40	7.70	19		10	130
			Benzo(a)pyrene-d12	40	4.80	12		10	140
P4415-23MSD	A4F44MSD	BP022607.D	1,4-Dioxane-d8	8	1.10	14	*	15	120
			Pyridine-d5	40	4.46	11	*	20	120
			Phenol-d5	40	7.26	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.86	17		10	150
			2-Chlorophenol-d4	40	7.55	19		15	120
			4-Methylphenol-d8	40	7.16	18		10	140
			Nitrobenzene-d5	40	7.20	18		10	135
			2-Nitrophenol-d4	40	7.75	19		10	120
			2,4-Dichlorophenol-d3	40	8.65	22		10	140
			4-Chloroaniline-d4	40	5.52	14		1	145
			Dimethylphthalate-d6	40	8.87	22		10	145
			Acenaphthylene-d8	40	8.37	21		15	120
			4-Nitrophenol-d4	40	7.27	18		10	150

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4415-23MSD	A4F44MSD	BP022607.D	Fluorene-d10	40	9.03	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.15	20		10	130
			Anthracene-d10	40	8.88	22		10	150
			Pyrene-d10	40	7.80	20		10	130
			Benzo(a)pyrene-d12	40	5.06	13		10	140
PB164325BS	PB164325BS	BP022616.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	22.32	56		20	120
			Phenol-d5	40	25.28	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.80	57		10	150
			2-Chlorophenol-d4	40	26.08	65		15	120
			4-Methylphenol-d8	40	25.25	63		10	140
			Nitrobenzene-d5	40	26.15	65		10	135
			2-Nitrophenol-d4	40	27.59	69		10	120
			2,4-Dichlorophenol-d3	40	27.10	68		10	140
			4-Chloroaniline-d4	40	23.51	59		1	145
			Dimethylphthalate-d6	40	24.54	61		10	145
			Acenaphthylene-d8	40	25.06	63		15	120
			4-Nitrophenol-d4	40	23.80	60		10	150
			Fluorene-d10	40	24.71	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.86	62		10	130
			Anthracene-d10	40	25.04	63		10	150
			Pyrene-d10	40	25.76	64		10	130
			Benzo(a)pyrene-d12	40	26.39	66		10	140

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4435-01	BHK68	BP022608.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	16.04	40		20	120
			Phenol-d5	40	21.09	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.78	52		10	150
			2-Chlorophenol-d4	40	22.03	55		15	120
			4-Methylphenol-d8	40	22.35	56		10	140
			Nitrobenzene-d5	40	23.61	59		10	135
			2-Nitrophenol-d4	40	25.16	63		10	120
			2,4-Dichlorophenol-d3	40	22.88	57		10	140
			4-Chloroaniline-d4	40	22.43	56		1	145
			Dimethylphthalate-d6	40	25.83	65		10	145
			Acenaphthylene-d8	40	25.13	63		15	120
			4-Nitrophenol-d4	40	18.25	46		10	150
			Fluorene-d10	40	25.91	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.04	43		10	130
			Anthracene-d10	40	25.47	64		10	150
			Pyrene-d10	40	27.94	70		10	130
			Benzo(a)pyrene-d12	40	26.90	67		10	140
P4435-02MS	BHK68MS	BP022609.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	19.59	49		20	120
			Phenol-d5	40	24.93	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.30	58		10	150
			2-Chlorophenol-d4	40	25.51	64		15	120
			4-Methylphenol-d8	40	25.06	63		10	140
			Nitrobenzene-d5	40	26.11	65		10	135
			2-Nitrophenol-d4	40	28.27	71		10	120
			2,4-Dichlorophenol-d3	40	27.51	69		10	140
			4-Chloroaniline-d4	40	23.33	58		1	145
			Dimethylphthalate-d6	40	25.91	65		10	145
			Acenaphthylene-d8	40	26.08	65		15	120
			4-Nitrophenol-d4	40	22.09	55		10	150
			Fluorene-d10	40	26.34	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.00	52		10	130
			Anthracene-d10	40	25.19	63		10	150
			Pyrene-d10	40	26.88	67		10	130
			Benzo(a)pyrene-d12	40	27.73	69		10	140
P4435-03MSD	BHK68MSD	BP022610.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	20.65	52		20	120
			Phenol-d5	40	28.36	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.71	64		10	150
			2-Chlorophenol-d4	40	28.67	72		15	120
			4-Methylphenol-d8	40	28.34	71		10	140
			Nitrobenzene-d5	40	28.39	71		10	135
			2-Nitrophenol-d4	40	30.44	76		10	120
			2,4-Dichlorophenol-d3	40	30.32	76		10	140
			4-Chloroaniline-d4	40	25.68	64		1	145
			Dimethylphthalate-d6	40	27.66	69		10	145
			Acenaphthylene-d8	40	28.00	70		15	120
			4-Nitrophenol-d4	40	23.20	58		10	150

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4435-03MSD	BHK68MSD	BP022610.D	Fluorene-d10	40	28.16	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.14	58		10	130
			Anthracene-d10	40	27.65	69		10	150
			Pyrene-d10	40	30.37	76		10	130
			Benzo(a)pyrene-d12	40	29.65	74		10	140
PB164352BL	PB164352BL	BP022604.D	Pyridine-d5	40	20.82	52		20	120
			1,4-Dioxane-d8	8	3.90	49		15	120
			Phenol-d5	40	21.58	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.95	55		10	150
			2-Chlorophenol-d4	40	23.06	58		15	120
			4-Methylphenol-d8	40	21.45	54		10	140
			Nitrobenzene-d5	40	25.42	64		10	135
			2-Nitrophenol-d4	40	25.35	63		10	120
			2,4-Dichlorophenol-d3	40	22.72	57		10	140
			4-Chloroaniline-d4	40	23.20	58		1	145
			Dimethylphthalate-d6	40	24.28	61		10	145
			Acenaphthylene-d8	40	23.65	59		15	120
			4-Nitrophenol-d4	40	20.62	52		10	150
			Fluorene-d10	40	23.40	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.47	54		10	130
			Anthracene-d10	40	24.95	62		10	150
			Pyrene-d10	40	24.61	62		10	130
			Benzo(a)pyrene-d12	40	25.37	63		10	140
PB164352BS	PB164352BS	BP022617.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	22.32	56		20	120
			Phenol-d5	40	24.89	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.77	57		10	150
			2-Chlorophenol-d4	40	26.23	66		15	120
			4-Methylphenol-d8	40	25.13	63		10	140
			Nitrobenzene-d5	40	25.39	63		10	135
			2-Nitrophenol-d4	40	26.52	66		10	120
			2,4-Dichlorophenol-d3	40	26.13	65		10	140
			4-Chloroaniline-d4	40	22.82	57		1	145
			Dimethylphthalate-d6	40	23.98	60		10	145
			Acenaphthylene-d8	40	24.13	60		15	120
			4-Nitrophenol-d4	40	24.40	61		10	150
			Fluorene-d10	40	24.16	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.69	59		10	130
			Anthracene-d10	40	24.21	61		10	150
			Pyrene-d10	40	25.12	63		10	130
			Benzo(a)pyrene-d12	40	25.65	64		10	140

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-04	A4F46	BP022611.D	1,4-Dioxane-d8	8	1.32	16		15	120
			Pyridine-d5	40	0.89	2	*	20	120
			Phenol-d5	40	7.67	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.79	19		10	150
			2-Chlorophenol-d4	40	8.61	22		15	120
			4-Methylphenol-d8	40	6.68	17		10	140
			Nitrobenzene-d5	40	8.20	20		10	135
			2-Nitrophenol-d4	40	8.60	22		10	120
			2,4-Dichlorophenol-d3	40	8.35	21		10	140
			4-Chloroaniline-d4	40	5.06	13		1	145
			Dimethylphthalate-d6	40	9.26	23		10	145
			Acenaphthylene-d8	40	8.93	22		15	120
			4-Nitrophenol-d4	40	5.53	14		10	150
			Fluorene-d10	40	9.68	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.88	15		10	130
			Anthracene-d10	40	9.35	23		10	150
			Pyrene-d10	40	8.54	21		10	130
			Benzo(a)pyrene-d12	40	5.70	14		10	140
P4436-05	A4F47	BP022621.D	1,4-Dioxane-d8	8	2.03	25		15	120
			Pyridine-d5	40	10.11	25		20	120
			Phenol-d5	40	14.05	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.19	30		10	150
			2-Chlorophenol-d4	40	14.16	35		15	120
			4-Methylphenol-d8	40	14.90	37		10	140
			Nitrobenzene-d5	40	13.85	35		10	135
			2-Nitrophenol-d4	40	15.09	38		10	120
			2,4-Dichlorophenol-d3	40	15.42	39		10	140
			4-Chloroaniline-d4	40	12.78	32		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	15.93	40		15	120
			4-Nitrophenol-d4	40	12.46	31		10	150
			Fluorene-d10	40	17.77	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.88	30		10	130
			Anthracene-d10	40	19.06	48		10	150
			Pyrene-d10	40	19.71	49		10	130
			Benzo(a)pyrene-d12	40	19.52	49		10	140
P4436-06	A4F48	BP022612.D	1,4-Dioxane-d8	8	1.24	16		15	120
			Pyridine-d5	40	1.54	4	*	20	120
			Phenol-d5	40	7.89	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.84	20		10	150
			2-Chlorophenol-d4	40	8.55	21		15	120
			4-Methylphenol-d8	40	7.49	19		10	140
			Nitrobenzene-d5	40	8.51	21		10	135
			2-Nitrophenol-d4	40	9.08	23		10	120
			2,4-Dichlorophenol-d3	40	9.02	23		10	140
			4-Chloroaniline-d4	40	4.67	12		1	145
			Dimethylphthalate-d6	40	9.31	23		10	145
			Acenaphthylene-d8	40	8.87	22		15	120
			4-Nitrophenol-d4	40	5.26	13		10	150

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-06	A4F48	BP022612.D	Fluorene-d10	40	9.55	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.61	17		10	130
			Anthracene-d10	40	9.91	25		10	150
			Pyrene-d10	40	8.67	22		10	130
			Benzo(a)pyrene-d12	40	5.67	14		10	140
P4436-07	A4F49	BP022622.D	1,4-Dioxane-d8	8	2.18	27		15	120
			Pyridine-d5	40	9.58	24		20	120
			Phenol-d5	40	15.53	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.78	37		10	150
			2-Chlorophenol-d4	40	16.67	42		15	120
			4-Methylphenol-d8	40	17.41	44		10	140
			Nitrobenzene-d5	40	16.26	41		10	135
			2-Nitrophenol-d4	40	17.82	45		10	120
			2,4-Dichlorophenol-d3	40	17.95	45		10	140
			4-Chloroaniline-d4	40	14.26	36		1	145
			Dimethylphthalate-d6	40	18.99	47		10	145
			Acenaphthylene-d8	40	18.63	47		15	120
			4-Nitrophenol-d4	40	14.61	37		10	150
			Fluorene-d10	40	19.30	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.21	36		10	130
			Anthracene-d10	40	20.82	52		10	150
			Pyrene-d10	40	23.30	58		10	130
			Benzo(a)pyrene-d12	40	22.30	56		10	140
			Pyridine-d5	40	1.60	4	*	20	120
			1,4-Dioxane-d8	8	1.62	20		15	120
P4436-08	A4F52	BP022613.D	Phenol-d5	40	9.65	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.15	23		10	150
			2-Chlorophenol-d4	40	10.55	26		15	120
			4-Methylphenol-d8	40	8.39	21		10	140
			Nitrobenzene-d5	40	9.60	24		10	135
			2-Nitrophenol-d4	40	10.36	26		10	120
			2,4-Dichlorophenol-d3	40	10.20	25		10	140
			4-Chloroaniline-d4	40	6.27	16		1	145
			Dimethylphthalate-d6	40	10.51	26		10	145
			Acenaphthylene-d8	40	10.44	26		15	120
			4-Nitrophenol-d4	40	6.93	17		10	150
			Fluorene-d10	40	11.00	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.47	16		10	130
			Anthracene-d10	40	10.58	26		10	150
			Pyrene-d10	40	9.66	24		10	130
			Benzo(a)pyrene-d12	40	6.15	15		10	140
			1,4-Dioxane-d8	8	1.43	18		15	120
			Pyridine-d5	40	1.50	4	*	20	120
			Phenol-d5	40	8.74	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.32	23		10	150
P4436-09	A4F53	BP022614.D	2-Chlorophenol-d4	40	9.86	25		15	120
			4-Methylphenol-d8	40	7.38	18		10	140
			Nitrobenzene-d5	40	10.11	25		10	135
			2-Nitrophenol-d4	40	10.37	26		10	120

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-09	A4F53	BP022614.D	2,4-Dichlorophenol-d3	40	9.86	25		10	140
			4-Chloroaniline-d4	40	5.56	14		1	145
			Dimethylphthalate-d6	40	10.89	27		10	145
			Acenaphthylene-d8	40	10.63	27		15	120
			4-Nitrophenol-d4	40	6.31	16		10	150
			Fluorene-d10	40	11.52	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.27	18		10	130
			Anthracene-d10	40	10.94	27		10	150
			Pyrene-d10	40	9.99	25		10	130
			Benzo(a)pyrene-d12	40	6.10	15		10	140
P4436-12	A4F36	BP022615.D	1,4-Dioxane-d8	8	1.71	21		15	120
			Pyridine-d5	40	8.64	22		20	120
			Phenol-d5	40	10.79	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.10	28		10	150
			2-Chlorophenol-d4	40	12.09	30		15	120
			4-Methylphenol-d8	40	10.90	27		10	140
			Nitrobenzene-d5	40	12.18	30		10	135
			2-Nitrophenol-d4	40	12.94	32		10	120
			2,4-Dichlorophenol-d3	40	12.35	31		10	140
			4-Chloroaniline-d4	40	11.39	28		1	145
			Dimethylphthalate-d6	40	14.05	35		10	145
			Acenaphthylene-d8	40	13.68	34		15	120
			4-Nitrophenol-d4	40	7.84	20		10	150
			Fluorene-d10	40	14.75	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.78	22		10	130
			Anthracene-d10	40	15.75	39		10	150
			Pyrene-d10	40	17.04	43		10	130
			Benzo(a)pyrene-d12	40	16.34	41		10	140
P4436-13	A4F37	BP022620.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	13.58	34		20	120
			Phenol-d5	40	18.41	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.84	45		10	150
			2-Chlorophenol-d4	40	19.44	49		15	120
			4-Methylphenol-d8	40	20.13	50		10	140
			Nitrobenzene-d5	40	20.49	51		10	135
			2-Nitrophenol-d4	40	21.33	53		10	120
			2,4-Dichlorophenol-d3	40	20.67	52		10	140
			4-Chloroaniline-d4	40	17.20	43		1	145
			Dimethylphthalate-d6	40	22.62	57		10	145
			Acenaphthylene-d8	40	21.92	55		15	120
			4-Nitrophenol-d4	40	18.78	47		10	150
			Fluorene-d10	40	23.63	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.68	42		10	130
			Anthracene-d10	40	23.48	59		10	150
			Pyrene-d10	40	24.37	61		10	130
			Benzo(a)pyrene-d12	40	24.62	62		10	140
P4436-14	A4F38	BP022623.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	12.98	32		20	120
			Phenol-d5	40	17.52	44		10	130

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-14	A4F38	BP022623.D	Bis(2-Chloroethyl)ether-d8	40	16.25	41		10	150
			2-Chlorophenol-d4	40	18.56	46		15	120
			4-Methylphenol-d8	40	19.31	48		10	140
			Nitrobenzene-d5	40	17.88	45		10	135
			2-Nitrophenol-d4	40	19.09	48		10	120
			2,4-Dichlorophenol-d3	40	20.18	50		10	140
			4-Chloroaniline-d4	40	16.82	42		1	145
			Dimethylphthalate-d6	40	20.96	52		10	145
			Acenaphthylene-d8	40	21.04	53		15	120
			4-Nitrophenol-d4	40	14.78	37		10	150
			Fluorene-d10	40	21.92	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.28	31		10	130
			Anthracene-d10	40	22.00	55		10	150
			Pyrene-d10	40	23.48	59		10	130
			Benzo(a)pyrene-d12	40	22.69	57		10	140
P4436-15	A4F39	BP022625.D	1,4-Dioxane-d8	8	1.89	24		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.83	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.83	32		10	150
			2-Chlorophenol-d4	40	13.99	35		15	120
			4-Methylphenol-d8	40	10.51	26		10	140
			Nitrobenzene-d5	40	13.77	34		10	135
			2-Nitrophenol-d4	40	14.06	35		10	120
			2,4-Dichlorophenol-d3	40	13.71	34		10	140
			4-Chloroaniline-d4	40	8.52	21		1	145
			Dimethylphthalate-d6	40	13.75	34		10	145
			Acenaphthylene-d8	40	14.03	35		15	120
			4-Nitrophenol-d4	40	8.95	22		10	150
			Fluorene-d10	40	14.63	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.20	15		10	130
			Anthracene-d10	40	14.25	36		10	150
			Pyrene-d10	40	13.16	33		10	130
P4436-16	A4F40	BP022626.D	Benzo(a)pyrene-d12	40	8.66	22		10	140
			1,4-Dioxane-d8	8	1.47	18		15	120
			Pyridine-d5	40	1.86	5	*	20	120
			Phenol-d5	40	9.56	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.80	25		10	150
			2-Chlorophenol-d4	40	10.88	27		15	120
			4-Methylphenol-d8	40	7.92	20		10	140
			Nitrobenzene-d5	40	10.84	27		10	135
			2-Nitrophenol-d4	40	11.17	28		10	120
			2,4-Dichlorophenol-d3	40	10.62	27		10	140
			4-Chloroaniline-d4	40	5.76	14		1	145
			Dimethylphthalate-d6	40	11.53	29		10	145
			Acenaphthylene-d8	40	11.52	29		15	120
			4-Nitrophenol-d4	40	8.07	20		10	150
			Fluorene-d10	40	11.89	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.08	15		10	130
			Anthracene-d10	40	11.74	29		10	150

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-16	A4F40	BP022626.D	Pyrene-d10	40	10.87	27		10	130
			Benzo(a)pyrene-d12	40	7.18	18		10	140
P4436-17MS	A4F40MS	BP022627.D	1,4-Dioxane-d8	8	1.84	23		15	120
			Pyridine-d5	40	8.35	21		20	120
			Phenol-d5	40	11.24	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.17	28		10	150
			2-Chlorophenol-d4	40	12.13	30		15	120
			4-Methylphenol-d8	40	11.27	28		10	140
			Nitrobenzene-d5	40	12.28	31		10	135
			2-Nitrophenol-d4	40	12.76	32		10	120
			2,4-Dichlorophenol-d3	40	13.18	33		10	140
			4-Chloroaniline-d4	40	7.17	18		1	145
			Dimethylphthalate-d6	40	12.54	31		10	145
			Acenaphthylene-d8	40	12.78	32		15	120
			4-Nitrophenol-d4	40	11.02	28		10	150
			Fluorene-d10	40	13.22	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.34	26		10	130
			Anthracene-d10	40	13.18	33		10	150
			Pyrene-d10	40	11.65	29		10	130
			Benzo(a)pyrene-d12	40	7.56	19		10	140
P4436-18MSD	A4F40MSD	BP022628.D	1,4-Dioxane-d8	8	1.84	23		15	120
			Pyridine-d5	40	8.40	21		20	120
			Phenol-d5	40	11.01	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.87	27		10	150
			2-Chlorophenol-d4	40	11.68	29		15	120
			4-Methylphenol-d8	40	10.53	26		10	140
			Nitrobenzene-d5	40	11.93	30		10	135
			2-Nitrophenol-d4	40	12.32	31		10	120
			2,4-Dichlorophenol-d3	40	12.71	32		10	140
			4-Chloroaniline-d4	40	7.16	18		1	145
			Dimethylphthalate-d6	40	12.24	31		10	145
			Acenaphthylene-d8	40	12.41	31		15	120
			4-Nitrophenol-d4	40	11.23	28		10	150
			Fluorene-d10	40	13.16	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.04	25		10	130
			Anthracene-d10	40	12.79	32		10	150
			Pyrene-d10	40	11.00	27		10	130
			Benzo(a)pyrene-d12	40	7.30	18		10	140
P4436-19	A4F41	BP022624.D	1,4-Dioxane-d8	8	1.72	22		15	120
			Pyridine-d5	40	0.95	2	*	20	120
			Phenol-d5	40	10.24	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.20	26		10	150
			2-Chlorophenol-d4	40	11.09	28		15	120
			4-Methylphenol-d8	40	8.01	20		10	140
			Nitrobenzene-d5	40	10.39	26		10	135
			2-Nitrophenol-d4	40	11.41	29		10	120
			2,4-Dichlorophenol-d3	40	10.89	27		10	140
			4-Chloroaniline-d4	40	5.27	13		1	145
			Dimethylphthalate-d6	40	11.87	30		10	145

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-19	A4F41	BP022624.D	Acenaphthylene-d8	40	11.25	28		15	120
			4-Nitrophenol-d4	40	8.68	22		10	150
			Fluorene-d10	40	12.19	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.81	15		10	130
			Anthracene-d10	40	11.97	30		10	150
			Pyrene-d10	40	11.50	29		10	130
			Benzo(a)pyrene-d12	40	7.54	19		10	140
PB164359BL	PB164359BL	BP022619.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	21.89	55		20	120
			Phenol-d5	40	23.12	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.95	57		10	150
			2-Chlorophenol-d4	40	24.08	60		15	120
			4-Methylphenol-d8	40	23.41	59		10	140
			Nitrobenzene-d5	40	24.34	61		10	135
			2-Nitrophenol-d4	40	25.93	65		10	120
			2,4-Dichlorophenol-d3	40	23.63	59		10	140
			4-Chloroaniline-d4	40	23.71	59		1	145
			Dimethylphthalate-d6	40	24.88	62		10	145
			Acenaphthylene-d8	40	24.31	61		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	24.48	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.05	53		10	130
			Anthracene-d10	40	25.62	64		10	150
			Pyrene-d10	40	26.20	66		10	130
			Benzo(a)pyrene-d12	40	25.92	65		10	140
			1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	24.41	61		20	120
PB164359BS	PB164359BS	BP022629.D	Phenol-d5	40	28.20	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.80	65		10	150
			2-Chlorophenol-d4	40	30.24	76		15	120
			4-Methylphenol-d8	40	28.50	71		10	140
			Nitrobenzene-d5	40	29.16	73		10	135
			2-Nitrophenol-d4	40	30.92	77		10	120
			2,4-Dichlorophenol-d3	40	30.31	76		10	140
			4-Chloroaniline-d4	40	25.62	64		1	145
			Dimethylphthalate-d6	40	27.10	68		10	145
			Acenaphthylene-d8	40	27.47	69		15	120
			4-Nitrophenol-d4	40	27.30	68		10	150
			Fluorene-d10	40	27.39	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.80	67		10	130
			Anthracene-d10	40	27.28	68		10	150
			Pyrene-d10	40	29.96	75		10	130
			Benzo(a)pyrene-d12	40	28.64	72		10	140

Surrogate Summary

SW-846

SDG No.: BP102524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164386BL	PB164386BL	BP022631.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Pyridine-d5	40	22.55	56		20	120
			Phenol-d5	40	24.34	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.68	59		25	120
			2-Chlorophenol-d4	40	26.18	65		20	130
			4-Methylphenol-d8	40	24.89	62		25	125
			Nitrobenzene-d5	40	26.16	65		20	125
			2-Nitrophenol-d4	40	27.23	68		20	130
			2,4-Dichlorophenol-d3	40	25.57	64		20	120
			4-Chloroaniline-d4	40	25.19	63		1	146
			Dimethylphthalate-d6	40	25.11	63		25	130
			Acenaphthylene-d8	40	25.58	64		10	130
			4-Nitrophenol-d4	40	22.00	55		10	150
			Fluorene-d10	40	25.65	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.24	46		10	130
			Anthracene-d10	40	26.21	66		25	130
			Pyrene-d10	40	26.11	65		15	130
			Benzo(a)pyrene-d12	40	26.84	67		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102524

Lab Code: CHEM

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022602.D

DFTPP Injection Date: 10/25/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.3
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.5
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	78.8
443	15.0 - 24.0% of mass 442	15.5 (19.6) 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
SSTD020676	SSTDCCC020	BP022603.D	10/25/2024	09:13
SBLK352	PB164352BL	BP022604.D	10/25/2024	09:53
A4F44	P4415-21	BP022605.D	10/25/2024	10:33
A4F44MS	P4415-22MS	BP022606.D	10/25/2024	11:14
A4F44MSD	P4415-23MSD	BP022607.D	10/25/2024	11:54
BHK68	P4435-01	BP022608.D	10/25/2024	12:34
BHK68MS	P4435-02MS	BP022609.D	10/25/2024	13:15
BHK68MSD	P4435-03MSD	BP022610.D	10/25/2024	13:55
A4F46	P4436-04	BP022611.D	10/25/2024	14:35
A4F48	P4436-06	BP022612.D	10/25/2024	15:16
A4F52	P4436-08	BP022613.D	10/25/2024	15:56
A4F53	P4436-09	BP022614.D	10/25/2024	16:37
A4F36	P4436-12	BP022615.D	10/25/2024	17:17
SLCS325	PB164325BS	BP022616.D	10/25/2024	17:57
SLCS352	PB164352BS	BP022617.D	10/25/2024	18:38
SSTD020677	SSTDCCC020	BP022618.D	10/25/2024	19:59
SBLK359	PB164359BL	BP022619.D	10/25/2024	20:40
A4F37	P4436-13	BP022620.D	10/25/2024	21:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102524

Lab Code: CHEM

SAS No.: BP102524 SDG NO.: BP102524

Lab File ID: BP022602.D

DFTPP Injection Date: 10/25/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.3
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.5
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	78.8
443	15.0 - 24.0% of mass 442	15.5 (19.6) 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
A4F47	P4436-05	BP022621.D	10/25/2024	22:01
A4F49	P4436-07	BP022622.D	10/25/2024	22:42
A4F38	P4436-14	BP022623.D	10/25/2024	23:22
A4F41	P4436-19	BP022624.D	10/26/2024	00:03
A4F39	P4436-15	BP022625.D	10/26/2024	00:44
A4F40	P4436-16	BP022626.D	10/26/2024	01:25
A4F40MS	P4436-17MS	BP022627.D	10/26/2024	02:06
A4F40MSD	P4436-18MSD	BP022628.D	10/26/2024	02:47
SLCS359	PB164359BS	BP022629.D	10/26/2024	03:28
SSTD020678	SSTDCCC020	BP022630.D	10/26/2024	04:50
SBLK386	PB164386BL	BP022631.D	10/26/2024	05:30
SP6664	SP6664	BP022632.D	10/26/2024	06:11
SP6665	SP6665	BP022633.D	10/26/2024	06:51