

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:09:31

Lab File ID: BP023709.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020775 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.525	0.556	0.010	5.8431	40.0
Benzaldehyde	0.850	1.159	0.010	36.2329	40.0
Pyridine	1.449	1.530	0.010	5.6475	40.0
Phenol	1.771	1.863	0.080	5.1793	20.0
Bis(2-Chloroethyl)ether	1.378	1.497	0.100	8.6433	20.0
2-Chlorophenol	1.364	1.490	0.200	9.2331	20.0
2-Methylphenol	1.285	1.337	0.010	4.0397	20.0
2,2-oxybis(1-Chloropropane)	1.429	1.594	0.010	11.5571	40.0
Acetophenone	2.137	2.332	0.060	9.1211	20.0
4-Methylphenol	1.429	1.513	0.010	5.8906	20.0
N-Nitroso-di-n-propylamine	0.989	1.074	0.050	8.6679	30.0
Hexachloroethane	0.557	0.602	0.100	8.08	20.0
Nitrobenzene	0.352	0.383	0.050	8.7253	25.0
Isophorone	0.670	0.720	0.050	7.503	25.0
2-Nitrophenol	0.162	0.178	0.050	9.9217	25.0
2,4-Dimethylphenol	0.336	0.372	0.050	10.535	25.0
Bis(2-Chloroethoxy)methane	0.434	0.465	0.050	7.098	20.0
2,4-Dichlorophenol	0.300	0.327	0.060	8.9399	20.0
Naphthalene	1.076	1.165	0.200	8.2359	20.0
4-Chloroaniline	0.443	0.478	0.010	7.904	40.0
Hexachlorobutadiene	0.189	0.206	0.040	9.1384	30.0
Caprolactam	0.110	0.111	0.010	0.6093	40.0
4-Chloro-3-methylphenol	0.311	0.332	0.040	6.7485	25.0
1-Methylnaphthalene	0.727	0.781	0.100	7.4646	20.0
2-Methylnaphthalene	0.727	0.787	0.100	8.2289	20.0
Hexachlorocyclopentadiene	0.303	0.312	0.010	3.0807	40.0
2,4,6-Trichlorophenol	0.349	0.387	0.090	10.9262	25.0
2,4,5-Trichlorophenol	0.386	0.431	0.100	11.7833	25.0
1,1-Biphenyl	1.505	1.640	0.200	9.0012	20.0
2-Chloronaphthalene	1.172	1.289	0.300	9.9815	20.0
2-Nitroaniline	0.278	0.312	0.050	12.0842	40.0
Dimethylphthalate	1.444	1.549	0.300	7.2586	20.0
2,6-Dinitrotoluene	0.258	0.284	0.080	10.4104	30.0
Acenaphthylene	1.805	1.960	0.400	8.5914	20.0
3-Nitroaniline	0.301	0.330	0.010	9.7949	40.0
Acenaphthene	1.276	1.379	0.200	8.0814	20.0
2,4-Dinitrophenol	0.126	0.108	0.010	-14.7501	40.0
4-Nitrophenol	0.212	0.223	0.010	5.171	40.0
Dibenzofuran	1.755	1.915	0.300	9.1282	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:09:31

Lab File ID: BP023709.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020775 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.385	0.429	0.070	11.448	30.0
Diethylphthalate	1.420	1.514	0.300	6.5975	20.0
Fluorene	1.463	1.589	0.200	8.6254	20.0
4-Chlorophenyl-phenylether	0.716	0.776	0.100	8.383	20.0
4-Nitroaniline	0.306	0.359	0.010	17.4734	40.0
4,6-Dinitro-2-methylphenol	0.111	0.110	0.010	-0.9041	40.0
N-Nitrosodiphenylamine	0.601	0.674	0.050	12.2006	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.655	0.100	10.325	20.0
4-Bromophenyl-phenylether	0.214	0.237	0.070	10.9085	20.0
Hexachlorobenzene	0.261	0.284	0.050	9.129	25.0
Atrazine	0.222	0.239	0.010	8.0244	25.0
Pentachlorophenol	0.157	0.157	0.010	0.0227	40.0
Phenanthrene	1.130	1.250	0.200	10.6494	20.0
Pentachlorobenzene	0.308	0.339	0.050	10.1193	20.0
Anthracene	1.122	1.274	0.200	13.468	20.0
1,2,3,4-Tetrachlorobenzene	0.290	0.327	0.050	12.6588	20.0
Carbazole	0.986	1.169	0.050	18.5347	40.0
Di-n-butylphthalate	1.122	1.278	0.500	13.9144	25.0
Fluoranthene	1.157	1.319	0.400	14.0095	25.0
Pyrene	1.257	1.454	0.400	15.6979	25.0
Butylbenzylphthalate	0.453	0.492	0.100	8.5232	40.0
3,3-Dichlorobenzidine	0.353	0.388	0.010	9.9173	40.0
Benzo (a) anthracene	1.268	1.428	0.300	12.6517	30.0
Chrysene	1.187	1.332	0.200	12.2071	30.0
Bis(2-ethylhexyl)phthalate	0.676	0.749	0.200	10.8004	40.0
Di-n-octyl phthalate	1.003	1.055	0.010	5.2507	40.0
Benzo (b) fluoranthene	1.188	1.297	0.200	9.1749	25.0
Benzo (k) fluoranthene	1.225	1.381	0.200	12.7366	25.0
Benzo (a) pyrene	1.118	1.259	0.200	12.6084	20.0
Indeno (1,2,3-cd) pyrene	1.390	1.542	0.200	10.9422	25.0
Dibenzo (a,h) anthracene	1.129	1.249	0.200	10.666	30.0
Benzo (g,h,i) perylene	1.069	1.165	0.200	8.9638	30.0
2,3,4,6-Tetrachlorophenol	0.317	0.344	0.040	8.6422	20.0
1,4-Dioxane-d8	0.497	0.528	0.010	6.326	25.0
Pyridine-d5	1.433	1.514	0.010	5.6437	40.0
Phenol-d5	1.692	1.758	0.010	3.8997	25.0
Bis- (2-Chloroethyl) ether-d8	0.956	1.042	0.050	8.9732	25.0
2-Chlorophenol-d4	1.287	1.426	0.200	10.8028	20.0
4-Methylphenol-d8	1.331	1.402	0.010	5.3905	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:09:31

Lab File ID: BP023709.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020775 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.165	0.050	9.3083	20.0
2-Nitrophenol-d4	0.138	0.150	0.050	8.6667	30.0
2,4-Dichlorophenol-d3	0.290	0.318	0.060	9.5709	20.0
4-Chloroaniline-d4	0.464	0.492	0.010	5.9935	40.0
Dimethylphthalate-d6	1.438	1.550	0.300	7.7525	20.0
Acenaphthylene-d8	1.665	1.824	0.400	9.5865	20.0
4-Nitrophenol-d4	0.289	0.295	0.010	2.2321	40.0
Fluorene-d10	1.231	1.343	0.100	9.0414	20.0
4,6-Dinitro-2-methylphenol-d2	0.098	0.093	0.010	-5.2584	40.0
Anthracene-d10	0.960	1.085	0.300	13.0425	20.0
Pyrene-d10	1.018	1.140	0.300	12.0324	25.0
Benzo(a)pyrene-d12	1.001	1.128	0.010	12.6808	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.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:17:19

Lab File ID: BP023718.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020776 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.525	0.548	0.010	4.2843	40.0
Benzaldehyde	0.850	1.145	0.010	34.6408	40.0
Pyridine	1.449	1.518	0.010	4.803	40.0
Phenol	1.771	1.836	0.080	3.6671	20.0
Bis(2-Chloroethyl)ether	1.378	1.453	0.100	5.4457	20.0
2-Chlorophenol	1.364	1.438	0.200	5.4517	20.0
2-Methylphenol	1.285	1.310	0.010	1.9627	20.0
2,2-oxybis(1-Chloropropane)	1.429	1.575	0.010	10.2295	40.0
Acetophenone	2.137	2.279	0.060	6.6481	20.0
4-Methylphenol	1.429	1.491	0.010	4.3291	20.0
N-Nitroso-di-n-propylamine	0.989	1.056	0.050	6.8113	30.0
Hexachloroethane	0.557	0.584	0.100	4.8015	20.0
Nitrobenzene	0.352	0.373	0.050	5.979	25.0
Isophorone	0.670	0.687	0.050	2.5795	25.0
2-Nitrophenol	0.162	0.170	0.050	4.524	25.0
2,4-Dimethylphenol	0.336	0.355	0.050	5.477	25.0
Bis(2-Chloroethoxy)methane	0.434	0.451	0.050	3.8461	20.0
2,4-Dichlorophenol	0.300	0.315	0.060	4.9357	20.0
Naphthalene	1.076	1.129	0.200	4.9306	20.0
4-Chloroaniline	0.443	0.453	0.010	2.1791	40.0
Hexachlorobutadiene	0.189	0.192	0.040	1.7014	30.0
Caprolactam	0.110	0.106	0.010	-3.7522	40.0
4-Chloro-3-methylphenol	0.311	0.320	0.040	3.0294	25.0
1-Methylnaphthalene	0.727	0.748	0.100	2.9621	20.0
2-Methylnaphthalene	0.727	0.758	0.100	4.3252	20.0
Hexachlorocyclopentadiene	0.303	0.292	0.010	-3.3926	40.0
2,4,6-Trichlorophenol	0.349	0.378	0.090	8.3061	25.0
2,4,5-Trichlorophenol	0.386	0.414	0.100	7.2136	25.0
1,1-Biphenyl	1.505	1.609	0.200	6.9306	20.0
2-Chloronaphthalene	1.172	1.256	0.300	7.1903	20.0
2-Nitroaniline	0.278	0.303	0.050	8.8498	40.0
Dimethylphthalate	1.444	1.504	0.300	4.1565	20.0
2,6-Dinitrotoluene	0.258	0.269	0.080	4.2575	30.0
Acenaphthylene	1.805	1.944	0.400	7.6805	20.0
3-Nitroaniline	0.301	0.324	0.010	7.8086	40.0
Acenaphthene	1.276	1.369	0.200	7.2963	20.0
2,4-Dinitrophenol	0.126	0.099	0.010	-21.4431	40.0
4-Nitrophenol	0.212	0.221	0.010	4.3031	40.0
Dibenzofuran	1.755	1.852	0.300	5.5163	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:17:19

Lab File ID: BP023718.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020776 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.385	0.411	0.070	6.7687	30.0
Diethylphthalate	1.420	1.481	0.300	4.2859	20.0
Fluorene	1.463	1.570	0.200	7.3447	20.0
4-Chlorophenyl-phenylether	0.716	0.751	0.100	4.9047	20.0
4-Nitroaniline	0.306	0.353	0.010	15.3228	40.0
4,6-Dinitro-2-methylphenol	0.111	0.099	0.010	-10.2515	40.0
N-Nitrosodiphenylamine	0.601	0.654	0.050	8.8377	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.631	0.100	6.2794	20.0
4-Bromophenyl-phenylether	0.214	0.223	0.070	4.3583	20.0
Hexachlorobenzene	0.261	0.269	0.050	3.2889	25.0
Atrazine	0.222	0.226	0.010	2.0802	25.0
Pentachlorophenol	0.157	0.152	0.010	-3.1546	40.0
Phenanthrene	1.130	1.218	0.200	7.7842	20.0
Pentachlorobenzene	0.308	0.328	0.050	6.5719	20.0
Anthracene	1.122	1.236	0.200	10.1218	20.0
1,2,3,4-Tetrachlorobenzene	0.290	0.312	0.050	7.5244	20.0
Carbazole	0.986	1.116	0.050	13.2506	40.0
Di-n-butylphthalate	1.122	1.243	0.500	10.798	25.0
Fluoranthene	1.157	1.309	0.400	13.1147	25.0
Pyrene	1.257	1.435	0.400	14.1423	25.0
Butylbenzylphthalate	0.453	0.481	0.100	6.0989	40.0
3,3-Dichlorobenzidine	0.353	0.342	0.010	-3.2303	40.0
Benzo (a) anthracene	1.268	1.364	0.300	7.5933	30.0
Chrysene	1.187	1.274	0.200	7.3359	30.0
Bis(2-ethylhexyl)phthalate	0.676	0.720	0.200	6.5185	40.0
Di-n-octyl phthalate	1.003	1.054	0.010	5.1653	40.0
Benzo (b) fluoranthene	1.188	1.266	0.200	6.5726	25.0
Benzo (k) fluoranthene	1.225	1.335	0.200	9.0305	25.0
Benzo (a) pyrene	1.118	1.215	0.200	8.6832	20.0
Indeno (1,2,3-cd) pyrene	1.390	1.467	0.200	5.5852	25.0
Dibenzo (a,h) anthracene	1.129	1.189	0.200	5.3223	30.0
Benzo (g,h,i) perylene	1.069	1.125	0.200	5.2286	30.0
2,3,4,6-Tetrachlorophenol	0.317	0.332	0.040	4.7836	20.0
1,4-Dioxane-d8	0.497	0.524	0.010	5.5146	25.0
Pyridine-d5	1.433	1.486	0.010	3.6714	40.0
Phenol-d5	1.692	1.733	0.010	2.404	25.0
Bis- (2-Chloroethyl) ether-d8	0.956	1.027	0.050	7.4301	25.0
2-Chlorophenol-d4	1.287	1.373	0.200	6.7059	20.0
4-Methylphenol-d8	1.331	1.363	0.010	2.4264	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/24/2025 1:17:19

Lab File ID: BP023718.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020776 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.156	0.050	3.7153	20.0
2-Nitrophenol-d4	0.138	0.140	0.050	1.4815	30.0
2,4-Dichlorophenol-d3	0.290	0.306	0.060	5.3367	20.0
4-Chloroaniline-d4	0.464	0.472	0.010	1.7138	40.0
Dimethylphthalate-d6	1.438	1.489	0.300	3.5454	20.0
Acenaphthylene-d8	1.665	1.794	0.400	7.7704	20.0
4-Nitrophenol-d4	0.289	0.285	0.010	-1.3625	40.0
Fluorene-d10	1.231	1.305	0.100	6.012	20.0
4,6-Dinitro-2-methylphenol-d2	0.098	0.085	0.010	-13.5713	40.0
Anthracene-d10	0.960	1.046	0.300	8.9067	20.0
Pyrene-d10	1.018	1.135	0.300	11.4811	25.0
Benzo(a)pyrene-d12	1.001	1.083	0.010	8.138	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.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/25/2025 1:02:48

Lab File ID: BP023732.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020777 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.525	0.547	0.010	4.0722	50.0
Benzaldehyde	0.850	1.174	0.010	37.9971	50.0
Pyridine	1.449	1.525	0.010	5.2478	50.0
Phenol	1.771	1.842	0.080	3.9962	50.0
Bis(2-Chloroethyl)ether	1.378	1.471	0.100	6.7865	50.0
2-Chlorophenol	1.364	1.453	0.200	6.5499	50.0
2-Methylphenol	1.285	1.318	0.010	2.5773	50.0
2,2-oxybis(1-Chloropropane)	1.429	1.566	0.010	9.602	50.0
Acetophenone	2.137	2.258	0.060	5.6397	50.0
4-Methylphenol	1.429	1.472	0.010	3.0241	50.0
N-Nitroso-di-n-propylamine	0.989	1.040	0.050	5.2326	50.0
Hexachloroethane	0.557	0.587	0.100	5.2721	50.0
Nitrobenzene	0.352	0.383	0.050	8.6945	50.0
Isophorone	0.670	0.695	0.050	3.7161	50.0
2-Nitrophenol	0.162	0.174	0.050	7.2599	50.0
2,4-Dimethylphenol	0.336	0.354	0.050	5.4374	50.0
Bis(2-Chloroethoxy)methane	0.434	0.455	0.050	4.9507	50.0
2,4-Dichlorophenol	0.300	0.319	0.060	6.1434	50.0
Naphthalene	1.076	1.141	0.200	6.0105	50.0
4-Chloroaniline	0.443	0.457	0.010	3.1338	50.0
Hexachlorobutadiene	0.189	0.197	0.040	4.5122	50.0
Caprolactam	0.110	0.103	0.010	-6.7383	50.0
4-Chloro-3-methylphenol	0.311	0.323	0.040	3.8145	50.0
1-Methylnaphthalene	0.727	0.758	0.100	4.3414	50.0
2-Methylnaphthalene	0.727	0.754	0.100	3.7033	50.0
Hexachlorocyclopentadiene	0.303	0.301	0.010	-0.6799	50.0
2,4,6-Trichlorophenol	0.349	0.374	0.090	6.9817	50.0
2,4,5-Trichlorophenol	0.386	0.411	0.100	6.4826	50.0
1,1-Biphenyl	1.505	1.616	0.200	7.3978	50.0
2-Chloronaphthalene	1.172	1.251	0.300	6.7892	50.0
2-Nitroaniline	0.278	0.300	0.050	7.7352	50.0
Dimethylphthalate	1.444	1.457	0.300	0.8844	50.0
2,6-Dinitrotoluene	0.258	0.265	0.080	2.9251	50.0
Acenaphthylene	1.805	1.917	0.400	6.2222	50.0
3-Nitroaniline	0.301	0.310	0.010	3.0072	50.0
Acenaphthene	1.276	1.342	0.200	5.1586	50.0
2,4-Dinitrophenol	0.126	0.098	0.010	-22.8073	50.0
4-Nitrophenol	0.212	0.217	0.010	2.2885	50.0
Dibenzofuran	1.755	1.829	0.300	4.2257	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/25/2025 1:02:48

Lab File ID: BP023732.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020777 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.385	0.398	0.070	3.2475	50.0
Diethylphthalate	1.420	1.418	0.300	-0.1527	50.0
Fluorene	1.463	1.558	0.200	6.4967	50.0
4-Chlorophenyl-phenylether	0.716	0.743	0.100	3.7698	50.0
4-Nitroaniline	0.306	0.353	0.010	15.3771	50.0
4,6-Dinitro-2-methylphenol	0.111	0.101	0.010	-8.5005	50.0
N-Nitrosodiphenylamine	0.601	0.651	0.050	8.3846	50.0
1,2,4,5-Tetrachlorobenzene	0.594	0.638	0.100	7.4252	50.0
4-Bromophenyl-phenylether	0.214	0.223	0.070	4.2127	50.0
Hexachlorobenzene	0.261	0.265	0.050	1.7008	50.0
Atrazine	0.222	0.225	0.010	1.6395	50.0
Pentachlorophenol	0.157	0.150	0.010	-4.5446	50.0
Phenanthrene	1.130	1.232	0.200	9.0454	50.0
Pentachlorobenzene	0.308	0.337	0.050	9.2453	50.0
Anthracene	1.122	1.223	0.200	8.9653	50.0
1,2,3,4-Tetrachlorobenzene	0.290	0.326	0.050	12.4689	50.0
Carbazole	0.986	1.143	0.050	15.9805	50.0
Di-n-butylphthalate	1.122	1.212	0.500	8.0074	50.0
Fluoranthene	1.157	1.239	0.400	7.1138	50.0
Pyrene	1.257	1.403	0.400	11.6218	50.0
Butylbenzylphthalate	0.453	0.449	0.100	-0.8584	50.0
3,3-Dichlorobenzidine	0.353	0.356	0.010	0.9705	50.0
Benzo (a) anthracene	1.268	1.372	0.300	8.2063	50.0
Chrysene	1.187	1.278	0.200	7.6833	50.0
Bis(2-ethylhexyl)phthalate	0.676	0.696	0.200	3.037	50.0
Di-n-octyl phthalate	1.003	0.994	0.010	-0.8786	50.0
Benzo (b) fluoranthene	1.188	1.271	0.200	6.9793	50.0
Benzo (k) fluoranthene	1.225	1.325	0.200	8.1856	50.0
Benzo (a) pyrene	1.118	1.215	0.200	8.6251	50.0
Indeno (1,2,3-cd) pyrene	1.390	1.473	0.200	6.0165	50.0
Dibenzo (a,h) anthracene	1.129	1.206	0.200	6.7726	50.0
Benzo (g,h,i) perylene	1.069	1.137	0.200	6.3424	50.0
2,3,4,6-Tetrachlorophenol	0.317	0.326	0.040	3.0537	50.0
1,4-Dioxane-d8	0.497	0.523	0.010	5.278	50.0
Pyridine-d5	1.433	1.498	0.010	4.5194	50.0
Phenol-d5	1.692	1.718	0.010	1.5206	50.0
Bis- (2-Chloroethyl) ether-d8	0.956	1.031	0.050	7.9006	50.0
2-Chlorophenol-d4	1.287	1.370	0.200	6.4958	50.0
4-Methylphenol-d8	1.331	1.342	0.010	0.8217	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG No.: BP012425

Instrument ID: BNA_P Calibration Date/Time: 1/25/2025 1:02:48

Lab File ID: BP023732.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020777 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.159	0.050	5.8423	50.0
2-Nitrophenol-d4	0.138	0.144	0.050	4.2795	50.0
2,4-Dichlorophenol-d3	0.290	0.308	0.060	5.9298	50.0
4-Chloroaniline-d4	0.464	0.475	0.010	2.3399	50.0
Dimethylphthalate-d6	1.438	1.467	0.300	2.0131	50.0
Acenaphthylene-d8	1.665	1.764	0.400	5.9558	50.0
4-Nitrophenol-d4	0.289	0.276	0.010	-4.3944	50.0
Fluorene-d10	1.231	1.294	0.100	5.0759	50.0
4,6-Dinitro-2-methylphenol-d2	0.098	0.085	0.010	-13.3308	50.0
Anthracene-d10	0.960	1.050	0.300	9.3299	50.0
Pyrene-d10	1.018	1.070	0.300	5.1772	50.0
Benzo(a)pyrene-d12	1.001	1.062	0.010	6.1186	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023710.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023710.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023710.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	8.395		15-120		105	SPK: -8
7291-22-7	Pyridine-d5	40.857		20-120		102	SPK: -40
4165-62-2	Phenol-d5	40.458		10-130		101	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.071		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	42.616		20-130		107	SPK: -40
190780-66-6	4-Methylphenol-d8	40.016		25-125		100	SPK: -40
4165-60-0	Nitrobenzene-d5	41.31		20-125		103	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.026		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.705		20-120		107	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.584		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	44.611		25-130		112	SPK: -40
93951-97-4	Acenaphthylene-d8	42.668		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.896		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	44.858		25-125		112	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023710.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.807		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	43.904		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	47.754		15-130		119	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.592		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359838	7.793				
1146-65-2	Naphthalene-d8	1381656	10.575				
15067-26-2	Acenaphthene-d10	857276	14.416				
1517-22-2	Phenanthrene-d10	1814157	17.216				
1719-03-5	Chrysene-d12	1828866	21.651				
1520-96-3	Perylene-d12	1979151	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0AD5	SDG No.:	BP012425
Lab Sample ID:	Q1086-22	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
BP023711.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0AD5	SDG No.:	BP012425
Lab Sample ID:	Q1086-22	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
BP023711.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0AD5	SDG No.:	BP012425
Lab Sample ID:	Q1086-22	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
BP023711.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	8.064		15-120		101	SPK: -8
7291-22-7	Pyridine-d5	39.067		20-120		98	SPK: -40
4165-62-2	Phenol-d5	42.534		10-130		106	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	44.856		25-120		112	SPK: -40
93951-73-6	2-Chlorophenol-d4	44.064		20-130		110	SPK: -40
190780-66-6	4-Methylphenol-d8	43.387		25-125		108	SPK: -40
4165-60-0	Nitrobenzene-d5	45.001		20-125		113	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.201		20-130		118	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	43.139		20-120		108	SPK: -40
191656-33-4	4-Chloroaniline-d4	45.171		1-146		113	SPK: -40
85448-30-2	Dimethylphthalate-d6	49.917		25-130		125	SPK: -40
93951-97-4	Acenaphthylene-d8	47.357		10-130		118	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.264		10-150		96	SPK: -40
81103-79-9	Fluorene-d10	49.649		25-125		124	SPK: -40

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0AD5	SDG No.:	BP012425
Lab Sample ID:	Q1086-22	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
BP023711.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.309		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	51.037		25-130		128	SPK: -40
1718-52-1	Pyrene-d10	58.44	*	15-130		146	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	54.561	*	20-130		136	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	420181	7.793				
1146-65-2	Naphthalene-d8	1726070	10.569				
15067-26-2	Acenaphthene-d10	1084649	14.416				
1517-22-2	Phenanthrene-d10	2151934	17.21				
1719-03-5	Chrysene-d12	1959410	21.675				
1520-96-3	Perylene-d12	2030394	25.063				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173	SDG No.:	BP012425
Lab Sample ID:	Q1148-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023712.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	1200		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6900	E	40	82	330	ug/Kg
95-57-8	2-Chlorophenol	3100	E	23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7000	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	4600	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1300		31	42.2	170	ug/Kg
78-59-1	Isophorone	5600	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1700		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6300	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3800	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	5000	E	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1900		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7200	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173	SDG No.:	BP012425
Lab Sample ID:	Q1148-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023712.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	10000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	700		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	3900	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	3800		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6700	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	4900	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	8700	E	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	9800	E	74	82	330	ug/Kg
85-01-8	Phenanthrene	1700		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	1700		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	3500	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	3400	E	54	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173	SDG No.:	BP012425
Lab Sample ID:	Q1148-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023712.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	3500	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	4100	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5400	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5100	E	33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3500	E	28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86	J	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.798		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	1.622	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	22.797		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.19		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.589		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.659		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.271		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.957		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.211		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.392		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.185		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.416		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.133		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	30.634		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173	SDG No.:	BP012425
Lab Sample ID:	Q1148-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023712.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.115		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	32.701		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	35.014		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.701		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	588601	7.793				
1146-65-2	Naphthalene-d8	2486685	10.569				
15067-26-2	Acenaphthene-d10	1543128	14.416				
1517-22-2	Phenanthrene-d10	3052789	17.21				
1719-03-5	Chrysene-d12	3127315	21.656				
1520-96-3	Perylene-d12	3454610	25.05				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	8000	J			8.145	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	140	J			9.804	
000101-81-5	Diphenylmethane	90	J			15.733	
000119-61-9	Benzophenone	400	J			15.792	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	110	J			17.921	
000057-10-3	n-Hexadecanoic acid	300	J			18.157	
000084-65-1	9,10-Anthracenedione	190	J			18.663	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173DL	SDG No.:	BP012425
Lab Sample ID:	Q1148-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023713.D	5	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
108-95-2	Phenol	1100	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6700	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3000	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6900	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	4400	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	1300	D	150	210	840	ug/Kg
78-59-1	Isophorone	5900	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1500	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6400	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3600	D	79	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	4900	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1800	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6700	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173DL	SDG No.:	BP012425
Lab Sample ID:	Q1148-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023713.D	5	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	8900	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	680	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	4000	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	3600	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	5900	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	6400	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	8700	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	8800	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1700	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1700	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	7300	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	6300	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173DL	SDG No.:	BP012425
Lab Sample ID:	Q1148-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023713.D	5	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	1700	D	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	5100	D	130	210	840	ug/Kg
218-01-9	Chrysene	7900	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8000	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	7200	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3100	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	D	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.91		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	1.78	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	20.845		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.495		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.645		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.91		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.33		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.8		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.29		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.615		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.985		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.14		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.705		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	28.83		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	XA173DL	SDG No.:	BP012425
Lab Sample ID:	Q1148-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023713.D	5	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.73		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	32.08		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	32.37		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.775		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	598727	7.758				
1146-65-2	Naphthalene-d8	2462794	10.54				
15067-26-2	Acenaphthene-d10	1524950	14.404				
1517-22-2	Phenanthrene-d10	3019372	17.222				
1719-03-5	Chrysene-d12	3334722	21.663				
1520-96-3	Perylene-d12	3428921	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	7200	JD			8.11	
000119-61-9	Benzophenone	380	JD			15.798	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E7	SDG No.:	BP012425
Lab Sample ID:	Q1147-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BP023714.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	87.8	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	87.8	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	87.8	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45.2	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.8	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	87.8	350	ug/Kg
98-86-2	Acetophenone	43	U	43	87.8	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	87.8	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45.2	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.2	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.2	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.2	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.2	180	ug/Kg
105-60-2	Caprolactam	77	U	77	87.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.8	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	45.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E7	SDG No.:	BP012425
Lab Sample ID:	Q1147-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BP023714.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.2	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	87.8	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	87.8	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.8	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.2	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.2	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	87.8	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	87.8	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.2	180	ug/Kg
1912-24-9	Atrazine	76	U	76	87.8	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	87.8	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45.2	180	ug/Kg
86-74-8	Carbazole	30	U	30	87.8	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.2	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	87.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E7	SDG No.:	BP012425
Lab Sample ID:	Q1147-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BP023714.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	87.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.2	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	87.8	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.848		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	15.724		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.568		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.088		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.593		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.848		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	19.548		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.962		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.189		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.747		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.394		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	18.958		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.338		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	18.81		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E7	SDG No.:	BP012425
Lab Sample ID:	Q1147-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BP023714.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.863		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	17.666		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.226		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.352		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	524935	7.758				
1146-65-2	Naphthalene-d8	2211036	10.552				
15067-26-2	Acenaphthene-d10	1420234	14.41				
1517-22-2	Phenanthrene-d10	2813916	17.216				
1719-03-5	Chrysene-d12	2758672	21.663				
1520-96-3	Perylene-d12	2845757	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.798	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E8	SDG No.:	BP012425
Lab Sample ID:	Q1147-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023715.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.3	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.3	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.3	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.6	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.6	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.6	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.6	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.6	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E8	SDG No.:	BP012425
Lab Sample ID:	Q1147-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023715.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.6	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.3	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.6	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.6	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.6	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	96.3	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.6	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.6	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.6	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E8	SDG No.:	BP012425
Lab Sample ID:	Q1147-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023715.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.6	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.351		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.219		20-120		51	SPK: -40
4165-62-2	Phenol-d5	22.842		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.939		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.655		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.798		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	21.408		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.179		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.189		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.122		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.338		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	19.692		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.396		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	18.707		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	YE8E8	SDG No.:	BP012425
Lab Sample ID:	Q1147-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023715.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.866		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	19.208		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	14.787		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.215		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	448266	7.787				
1146-65-2	Naphthalene-d8	1843282	10.563				
15067-26-2	Acenaphthene-d10	1102231	14.416				
1517-22-2	Phenanthrene-d10	2231476	17.216				
1719-03-5	Chrysene-d12	2223993	21.663				
1520-96-3	Perylene-d12	2240507	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.792	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D2	SDG No.:	BP012425
Lab Sample ID:	Q1147-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023716.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	87.9	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	87.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	87.9	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.3	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	87.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	87.9	350	ug/Kg
98-86-2	Acetophenone	43	U	43	87.9	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	87.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45.3	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.3	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.3	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.3	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.3	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.3	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.3	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.3	180	ug/Kg
105-60-2	Caprolactam	77	U	77	87.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D2	SDG No.:	BP012425
Lab Sample ID:	Q1147-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023716.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.3	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.3	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.3	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.3	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	87.9	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	87.9	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.9	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.3	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.3	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.3	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	87.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	87.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.3	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.3	180	ug/Kg
1912-24-9	Atrazine	76	U	76	87.9	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	87.9	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.3	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45.3	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45.3	180	ug/Kg
86-74-8	Carbazole	30	U	30	87.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.3	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	87.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D2	SDG No.:	BP012425
Lab Sample ID:	Q1147-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023716.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	87.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.3	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	87.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.429		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	12.779		20-120		32	SPK: -40
4165-62-2	Phenol-d5	23.264		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.885		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.417		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.471		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.159		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.801		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.962		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.463		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.921		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.751		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.295		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	26.411		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D2	SDG No.:	BP012425
Lab Sample ID:	Q1147-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023716.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.503	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	26.26		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.93		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.466		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	431435	7.793				
1146-65-2	Naphthalene-d8	1784750	10.569				
15067-26-2	Acenaphthene-d10	1127917	14.416				
1517-22-2	Phenanthrene-d10	2257200	17.21				
1719-03-5	Chrysene-d12	2216990	21.657				
1520-96-3	Perylene-d12	2240664	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.787	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023717.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023717.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023717.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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	4.943		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	24.599		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.84		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.464		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.867		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.303		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.939		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.324		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.707		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.984		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.568		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.702		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.436		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	25.269		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023717.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.379		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	25.655		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.813		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.829		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	491605	7.787				
1146-65-2	Naphthalene-d8	1959511	10.563				
15067-26-2	Acenaphthene-d10	1224347	14.416				
1517-22-2	Phenanthrene-d10	2505275	17.216				
1719-03-5	Chrysene-d12	2640409	21.663				
1520-96-3	Perylene-d12	2886243	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023719.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023719.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023719.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.055		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.853		20-120		62	SPK: -40
4165-62-2	Phenol-d5	24.779		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.354		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.893		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.29		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.831		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.308		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.517		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.036		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.736		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.851		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.81		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.413		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SBLK197	SDG No.:	BP012425
Lab Sample ID:	PB166197BL	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
BP023719.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.68		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	25		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.754		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.105		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	515463	7.793				
1146-65-2	Naphthalene-d8	2052052	10.569				
15067-26-2	Acenaphthene-d10	1275376	14.41				
1517-22-2	Phenanthrene-d10	2657064	17.21				
1719-03-5	Chrysene-d12	2768645	21.651				
1520-96-3	Perylene-d12	3007320	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023720.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023720.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023720.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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	8.508		15-120		106	SPK: -8
7291-22-7	Pyridine-d5	41.12		20-120		103	SPK: -40
4165-62-2	Phenol-d5	44.523		10-130		111	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.451		25-120		106	SPK: -40
93951-73-6	2-Chlorophenol-d4	46.148		20-130		115	SPK: -40
190780-66-6	4-Methylphenol-d8	43.924		25-125		110	SPK: -40
4165-60-0	Nitrobenzene-d5	42.364		20-125		106	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.265		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	44.629		20-120		112	SPK: -40
191656-33-4	4-Chloroaniline-d4	40.269		1-146		101	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.731		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	43.31		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.374		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	44.571		25-125		111	SPK: -40

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	SBLK118	SDG No.:	BP012425
Lab Sample ID:	PB166118BL	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
BP023720.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.205		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	44.276		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	49.239		15-130		123	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.012		20-130		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	421637	7.793				
1146-65-2	Naphthalene-d8	1687626	10.563				
15067-26-2	Acenaphthene-d10	1082133	14.416				
1517-22-2	Phenanthrene-d10	2293324	17.216				
1719-03-5	Chrysene-d12	2298683	21.651				
1520-96-3	Perylene-d12	2401904	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B09	SDG No.:	BP012425
Lab Sample ID:	Q1088-10	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
BP023721.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B09	SDG No.:	BP012425
Lab Sample ID:	Q1088-10	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
BP023721.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B09	SDG No.:	BP012425
Lab Sample ID:	Q1088-10	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
BP023721.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.432		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	5.583	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.833		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.998		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.43		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	19.687		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	35.854		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.36		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.189		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.334		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.408		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.314		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.259		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	39.508		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	C0B09	SDG No.:	BP012425
Lab Sample ID:	Q1088-10	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
BP023721.D	1	1/17/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.069		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	42.602		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	46.609		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.42		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	503030	7.793				
1146-65-2	Naphthalene-d8	2056820	10.563				
15067-26-2	Acenaphthene-d10	1277003	14.416				
1517-22-2	Phenanthrene-d10	2570214	17.21				
1719-03-5	Chrysene-d12	2649621	21.651				
1520-96-3	Perylene-d12	2819290	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	6.2	J			15.787	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D4	SDG No.:	BP012425
Lab Sample ID:	Q1147-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP023722.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.4	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.4	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.4	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.2	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.2	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.2	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.2	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.2	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D4	SDG No.:	BP012425
Lab Sample ID:	Q1147-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP023722.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.2	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.4	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.4	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.2	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50.2	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.2	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.4	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.2	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.2	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.2	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	97.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D4	SDG No.:	BP012425
Lab Sample ID:	Q1147-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP023722.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.2	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.824		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	19.254		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.267		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.741		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.786		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.739		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.652		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.733		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.006		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.32		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.003		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.771		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.558		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	27.989		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D4	SDG No.:	BP012425
Lab Sample ID:	Q1147-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP023722.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.027		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	27.981		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.978		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.426		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	394317	7.793				
1146-65-2	Naphthalene-d8	1659155	10.569				
15067-26-2	Acenaphthene-d10	1035829	14.41				
1517-22-2	Phenanthrene-d10	2079231	17.204				
1719-03-5	Chrysene-d12	1945320	21.651				
1520-96-3	Perylene-d12	1934038	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.787	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8C3	SDG No.:	BP012425
Lab Sample ID:	Q1147-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023723.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.8	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	46	U	46	88.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.7	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	88.8	360	ug/Kg
98-86-2	Acetophenone	43	U	43	88.8	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.7	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.7	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.7	180	ug/Kg
78-59-1	Isophorone	52	U	52	45.7	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.7	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.7	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.7	180	ug/Kg
105-60-2	Caprolactam	78	U	78	88.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	45.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8C3	SDG No.:	BP012425
Lab Sample ID:	Q1147-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023723.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.7	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.7	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.7	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.7	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.8	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	88.8	360	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.8	360	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.7	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.7	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.7	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	88.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	45.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.7	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.7	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.8	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	88.8	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.7	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.7	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.7	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	45.7	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8C3	SDG No.:	BP012425
Lab Sample ID:	Q1147-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023723.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	88.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.7	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	88.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	45.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	45.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.281		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.751	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	17.082		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.896		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.975		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.962		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.72		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.772		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.833		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.148		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.483		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.207		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.029		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	19.538		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8C3	SDG No.:	BP012425
Lab Sample ID:	Q1147-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023723.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.684		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	19.354		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.531		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.697		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	542075	7.787				
1146-65-2	Naphthalene-d8	2225683	10.569				
15067-26-2	Acenaphthene-d10	1333449	14.416				
1517-22-2	Phenanthrene-d10	2655890	17.21				
1719-03-5	Chrysene-d12	2729714	21.657				
1520-96-3	Perylene-d12	2924067	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.798	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9	SDG No.:	BP012425
Lab Sample ID:	Q1147-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023724.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9	SDG No.:	BP012425
Lab Sample ID:	Q1147-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023724.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9	SDG No.:	BP012425
Lab Sample ID:	Q1147-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023724.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49	200	ug/Kg
218-01-9	Chrysene	36	U	36	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.488		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	20.72		20-120		52	SPK: -40
4165-62-2	Phenol-d5	29.001		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.694		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.399		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.82		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	29.377		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.914		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.62		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.951		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.592		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.481		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.227		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	32.034		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9	SDG No.:	BP012425
Lab Sample ID:	Q1147-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023724.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.46		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	32.001		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	36.347		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.055		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	528949	7.793				
1146-65-2	Naphthalene-d8	2283543	10.569				
15067-26-2	Acenaphthene-d10	1467480	14.416				
1517-22-2	Phenanthrene-d10	2944706	17.216				
1719-03-5	Chrysene-d12	2771433	21.668				
1520-96-3	Perylene-d12	2798457	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	500	J			15.792	
000057-10-3	n-Hexadecanoic acid	110	J			18.163	
	(DEL) Alkane: Cyclic	79	J			21.351	
E966796	Total Alkanes	79				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MS	SDG No.:	BP012425
Lab Sample ID:	Q1147-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023725.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480		13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	160	J	52	95.4	380	ug/Kg
110-86-1	Pyridine	1200		38	190	380	ug/Kg
108-95-2	Phenol	1300		50	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		46	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	1300		27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	1300		45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		69	95.4	380	ug/Kg
98-86-2	Acetophenone	1200		46	95.4	380	ug/Kg
106-44-5	4-Methylphenol	1300		43	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	1200		21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	1300		36	49.1	200	ug/Kg
78-59-1	Isophorone	1300		55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	1300		36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		18	49.1	200	ug/Kg
91-20-3	Naphthalene	1200		29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	630		28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	1200		51	49.1	200	ug/Kg
105-60-2	Caprolactam	1100		83	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	1200		38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		45	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MS	SDG No.:	BP012425
Lab Sample ID:	Q1147-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023725.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	1300		30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	1400		47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	1200		34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	1300		37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	1200		51	95.4	380	ug/Kg
83-32-9	Acenaphthene	1300		34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		55	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	1300		51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	1200		37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	1300		35	49.1	200	ug/Kg
86-73-7	Fluorene	1300		29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	1500		36	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		89	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	1200		37	49.1	200	ug/Kg
1912-24-9	Atrazine	1200		82	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	1200		86	95.4	380	ug/Kg
85-01-8	Phenanthrene	1300		34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	1200		60	49.1	200	ug/Kg
120-12-7	Anthracene	1300		29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		58	49.1	200	ug/Kg
86-74-8	Carbazole	1400		32	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	1400		71	49.1	200	ug/Kg
206-44-0	Fluoranthene	1300		62	95.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MS	SDG No.:	BP012425
Lab Sample ID:	Q1147-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023725.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	1400		97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		55	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		31	49.1	200	ug/Kg
218-01-9	Chrysene	1300		36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		88	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	1300		37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.066		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	19.475		20-120		49	SPK: -40
4165-62-2	Phenol-d5	27.629		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.938		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.828		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.84		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.977		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.728		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.356		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.946		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.625		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.628		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.517		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	28.221		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MS	SDG No.:	BP012425
Lab Sample ID:	Q1147-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023725.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.452		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	28.655		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	28.568		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.485		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	542951	7.787				
1146-65-2	Naphthalene-d8	2254602	10.569				
15067-26-2	Acenaphthene-d10	1392669	14.41				
1517-22-2	Phenanthrene-d10	2763825	17.21				
1719-03-5	Chrysene-d12	3027591	21.651				
1520-96-3	Perylene-d12	2977782	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MSD	SDG No.:	BP012425
Lab Sample ID:	Q1147-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BP023726.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490		13	7.6	77	ug/Kg
110-86-1	Pyridine	1300		38	190	380	ug/Kg
100-52-7	Benzaldehyde	170	J	52	95.3	380	ug/Kg
108-95-2	Phenol	1400		50	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		46	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	1400		27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	1400		45	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		69	95.3	380	ug/Kg
98-86-2	Acetophenone	1300		46	95.3	380	ug/Kg
106-44-5	4-Methylphenol	1400		43	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	1300		21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	1300		36	49.1	200	ug/Kg
78-59-1	Isophorone	1400		55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	1400		36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		18	49.1	200	ug/Kg
91-20-3	Naphthalene	1300		29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	660		28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	1300		51	49.1	200	ug/Kg
105-60-2	Caprolactam	1200		83	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	1300		38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		110	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		45	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MSD	SDG No.:	BP012425
Lab Sample ID:	Q1147-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BP023726.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	1300		30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	1400		47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	1300		34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	1300		37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	1200		51	95.3	380	ug/Kg
83-32-9	Acenaphthene	1300		34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		55	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	1300		51	95.3	380	ug/Kg
132-64-9	Dibenzofuran	1300		37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	1300		35	49.1	200	ug/Kg
86-73-7	Fluorene	1300		29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	1500		36	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		89	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	1300		37	49.1	200	ug/Kg
1912-24-9	Atrazine	1200		82	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	1300		86	95.3	380	ug/Kg
85-01-8	Phenanthrene	1300		34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	1300		60	49.1	200	ug/Kg
120-12-7	Anthracene	1300		29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		58	49.1	200	ug/Kg
86-74-8	Carbazole	1400		32	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	1500		70	49.1	200	ug/Kg
206-44-0	Fluoranthene	1500		62	95.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MSD	SDG No.:	BP012425
Lab Sample ID:	Q1147-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BP023726.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	1500		97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		55	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		31	49.1	200	ug/Kg
218-01-9	Chrysene	1300		36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		88	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	1400		37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.114		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.412		20-120		51	SPK: -40
4165-62-2	Phenol-d5	29.675		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.105		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.834		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.47		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	29.957		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.689		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.568		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.366		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.605		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.633		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.124		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	28.769		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8C9MSD	SDG No.:	BP012425
Lab Sample ID:	Q1147-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BP023726.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.941		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	29.663		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	31.159		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.303		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	598478	7.793				
1146-65-2	Naphthalene-d8	2556591	10.569				
15067-26-2	Acenaphthene-d10	1655783	14.416				
1517-22-2	Phenanthrene-d10	3217554	17.204				
1719-03-5	Chrysene-d12	3266650	21.651				
1520-96-3	Perylene-d12	3184691	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D5	SDG No.:	BP012425
Lab Sample ID:	Q1147-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023727.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.9	69	ug/Kg
100-52-7	Benzaldehyde	47	U	47	85.8	340	ug/Kg
110-86-1	Pyridine	34	U	34	170	340	ug/Kg
108-95-2	Phenol	45	U	45	85.8	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	85.8	340	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.2	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	85.8	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	85.8	340	ug/Kg
98-86-2	Acetophenone	42	U	42	85.8	340	ug/Kg
106-44-5	4-Methylphenol	38	U	38	85.8	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	44.2	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.2	180	ug/Kg
98-95-3	Nitrobenzene	32	U	32	44.2	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.2	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.2	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.2	340	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.2	180	ug/Kg
105-60-2	Caprolactam	75	U	75	85.8	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	44.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	85.8	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D5	SDG No.:	BP012425
Lab Sample ID:	Q1147-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023727.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.2	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.2	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.2	180	ug/Kg
208-96-8	Acenaphthylene	33	U	33	44.2	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	85.8	340	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	85.8	340	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	85.8	340	ug/Kg
132-64-9	Dibenzofuran	33	U	33	44.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.2	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.2	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.2	180	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	85.8	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	85.8	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	44.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.2	180	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	44.2	180	ug/Kg
1912-24-9	Atrazine	74	U	74	85.8	340	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	85.8	340	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.2	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.2	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.2	180	ug/Kg
86-74-8	Carbazole	29	U	29	85.8	340	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	44.2	180	ug/Kg
206-44-0	Fluoranthene	56	U	56	85.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D5	SDG No.:	BP012425
Lab Sample ID:	Q1147-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023727.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	87	U	87	44.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	85.8	340	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.2	180	ug/Kg
218-01-9	Chrysene	32	U	32	44.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	85.8	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	34	U	34	44.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	44.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	44.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	34	44.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.896		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	11.89		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.368		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.176		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.006		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	14.185		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.48		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.235		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.888		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.241		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.474		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.348		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.105		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	15.906		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D5	SDG No.:	BP012425
Lab Sample ID:	Q1147-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023727.D	1	1/23/2025 12:00:00 AM	1/24/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.676		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	15.809		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.099		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.885		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	548742	7.787				
1146-65-2	Naphthalene-d8	2279125	10.569				
15067-26-2	Acenaphthene-d10	1389374	14.41				
1517-22-2	Phenanthrene-d10	2762793	17.204				
1719-03-5	Chrysene-d12	2754884	21.651				
1520-96-3	Perylene-d12	2864697	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	74	J			15.786	
E966796	Total Alkanes	25	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D0	SDG No.:	BP012425
Lab Sample ID:	Q1147-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023728.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D0	SDG No.:	BP012425
Lab Sample ID:	Q1147-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023728.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D0	SDG No.:	BP012425
Lab Sample ID:	Q1147-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023728.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.7	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.909		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	1.03	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	17.429		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.911		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.502		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.341		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.169		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.272		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.353		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.402		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.02		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	19.493		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.492		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	19.675		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	1/18/2025 12:00:00 AM
Project:		Date Received:	1/18/2025 12:00:00 AM
Client Sample ID:	YE8D0	SDG No.:	BP012425
Lab Sample ID:	Q1147-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023728.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.632		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	20.393		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.786		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.537		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	539128	7.793				
1146-65-2	Naphthalene-d8	2216438	10.569				
15067-26-2	Acenaphthene-d10	1363904	14.41				
1517-22-2	Phenanthrene-d10	2683600	17.21				
1719-03-5	Chrysene-d12	2744706	21.663				
1520-96-3	Perylene-d12	2894465	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.787	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D1	SDG No.:	BP012425
Lab Sample ID:	Q1147-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.7
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
BP023729.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.4	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	88.4	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.4	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.6	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.4	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	88.4	350	ug/Kg
98-86-2	Acetophenone	43	U	43	88.4	350	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.4	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.6	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.6	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.6	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.6	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.6	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.6	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.6	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.4	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D1	SDG No.:	BP012425
Lab Sample ID:	Q1147-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.7
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
BP023729.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.6	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.6	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.6	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.6	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.4	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	88.4	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.4	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.6	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.6	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.6	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.4	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	88.4	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.6	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.6	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.4	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	88.4	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.6	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.6	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.6	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.4	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.6	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D1	SDG No.:	BP012425
Lab Sample ID:	Q1147-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.7
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
BP023729.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	88.4	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.6	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	88.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.298		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.649		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.821		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.638		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.535		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.868		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.884		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.495		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.841		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.581		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	16.13		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.435		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	16.567		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D1	SDG No.:	BP012425
Lab Sample ID:	Q1147-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.7
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
BP023729.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.144		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	16.862		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.331		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.215		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	530742	7.787				
1146-65-2	Naphthalene-d8	2191891	10.569				
15067-26-2	Acenaphthene-d10	1381306	14.416				
1517-22-2	Phenanthrene-d10	2753060	17.21				
1719-03-5	Chrysene-d12	2706944	21.651				
1520-96-3	Perylene-d12	2853733	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.787	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D3	SDG No.:	BP012425
Lab Sample ID:	Q1147-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023730.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D3	SDG No.:	BP012425
Lab Sample ID:	Q1147-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023730.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

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

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D3	SDG No.:	BP012425
Lab Sample ID:	Q1147-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023730.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

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	89.8	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	89.8	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							
7291-22-7	Pyridine-d5	8.086		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.526		15-120		32	SPK: -8
4165-62-2	Phenol-d5	13.092		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.419		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.46		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	12.915		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.365		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.596		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.912		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.893		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.261		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.398		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.772		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	14.903		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	1/19/2025 12:00:00 AM
Project:		Date Received:	1/19/2025 12:00:00 AM
Client Sample ID:	YE8D3	SDG No.:	BP012425
Lab Sample ID:	Q1147-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023730.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.463	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	14.863		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	15.753		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.635		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	523000	7.793				
1146-65-2	Naphthalene-d8	2178493	10.569				
15067-26-2	Acenaphthene-d10	1344959	14.416				
1517-22-2	Phenanthrene-d10	2649244	17.21				
1719-03-5	Chrysene-d12	2697682	21.645				
1520-96-3	Perylene-d12	2764462	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.792	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS197	SDG No.:	BP012425
Lab Sample ID:	PB166197BS	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
BP023731.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	230	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	900		33	170	330	ug/Kg
108-95-2	Phenol	930		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	940		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	900		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		60	82.5	330	ug/Kg
98-86-2	Acetophenone	830		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	910		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	860		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	890		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	910		31	42.5	170	ug/Kg
78-59-1	Isophorone	900		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	890		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	960		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	870		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	980		16	42.5	170	ug/Kg
91-20-3	Naphthalene	880		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	440		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	890		44	42.5	170	ug/Kg
105-60-2	Caprolactam	820		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	970		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	870		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	710		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS197	SDG No.:	BP012425
Lab Sample ID:	PB166197BS	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
BP023731.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	880		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	990		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	900		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	940		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	910		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	860		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	890		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	730		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	920		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	900		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	920		30	42.5	170	ug/Kg
86-73-7	Fluorene	940		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		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	900		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	880		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	860		32	42.5	170	ug/Kg
1912-24-9	Atrazine	810		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	830		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	900		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	810		52	42.5	170	ug/Kg
120-12-7	Anthracene	910		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	960		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	940		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	940		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS197	SDG No.:	BP012425
Lab Sample ID:	PB166197BS	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
BP023731.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	950		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	920		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	910		27	42.5	170	ug/Kg
218-01-9	Chrysene	920		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	930		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	940		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	930		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	920		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.329		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	26.581		20-120		66	SPK: -40
4165-62-2	Phenol-d5	26.774		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.193		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.87		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.483		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	26.425		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.741		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.151		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.371		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.699		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.748		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.265		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.048		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	1/23/2025 12:00:00 AM
Project:		Date Received:	1/23/2025 12:00:00 AM
Client Sample ID:	SLCS197	SDG No.:	BP012425
Lab Sample ID:	PB166197BS	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
BP023731.D	1	1/23/2025 12:00:00 AM	1/25/2025 12:00:00 AM	PB166197

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.818		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.939		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.895		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.421		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	495946	7.793				
1146-65-2	Naphthalene-d8	1959593	10.563				
15067-26-2	Acenaphthene-d10	1234457	14.416				
1517-22-2	Phenanthrene-d10	2529223	17.21				
1719-03-5	Chrysene-d12	2675709	21.657				
1520-96-3	Perylene-d12	2604264	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP012425

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AD5								
Q1086-22	C0AD5	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
Q1086-22	C0AD5	Water	1,4-Dioxane		15.000	0.35	2	ug/L
			Total Svoc :			15.00		
			Total Concentration:			15.00		
Client ID : C0B09								
Q1088-10	C0B09	Water	Benzophenone	*	6.200	J		
Q1088-10	C0B09	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			6.20		
			Total Concentration:			6.20		
Client ID : YE8E7								
Q1147-01	YE8E7	Solid	Benzophenone	*	110.000	J		
Q1147-01	YE8E7	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
			Total Tics :			110.00		
			Total Concentration:			110.00		
Client ID : YE8E8								
Q1147-02	YE8E8	Solid	Benzophenone	*	140.000	J		
Q1147-02	YE8E8	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
			Total Tics :			140.00		
			Total Concentration:			140.00		
Client ID : YE8D2								
Q1147-03	YE8D2	Solid	Benzophenone	*	130.000	J		
Q1147-03	YE8D2	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
			Total Tics :			130.00		
			Total Concentration:			130.00		
Client ID : YE8D4								
Q1147-04	YE8D4	Solid	Benzophenone	*	140.000	J		
Q1147-04	YE8D4	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
			Total Tics :			140.00		
			Total Concentration:			140.00		
Client ID : YE8C3								
Q1147-05	YE8C3	Solid	Benzophenone	*	100.000	J		
Q1147-05	YE8C3	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
			Total Tics :			100.00		
			Total Concentration:			100.00		

Hit Summary Sheet SW-846

SDG No.: BP012425

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : YE8C9								
Q1147-06	YE8C9	Solid	(DEL) Alkane: Cyclic21.351	*	79.000	J		
Q1147-06	YE8C9	Solid	Benzophenone	*	500.000	J		
Q1147-06	YE8C9	Solid	n-Hexadecanoic acid	*	110.000	J		
Q1147-06	YE8C9	Solid	Total Alkanes	*	79.000	28	200	ug/Kg
Total Tics :				768.00				
Total Concentration:				768.00				
Client ID : YE8D5								
Q1147-09	YE8D5	Solid	Benzophenone	*	74.000	J		
Q1147-09	YE8D5	Solid	Total Alkanes	*	0.000	25	180	ug/Kg
Total Tics :				74.00				
Total Concentration:				74.00				
Client ID : YE8D0								
Q1147-10	YE8D0	Solid	Benzophenone	*	360.000	J		
Q1147-10	YE8D0	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				360.00				
Total Concentration:				360.00				
Client ID : YE8D1								
Q1147-11	YE8D1	Solid	Benzophenone	*	300.000	J		
Q1147-11	YE8D1	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
Total Tics :				300.00				
Total Concentration:				300.00				
Client ID : YE8D3								
Q1147-12	YE8D3	Solid	Benzophenone	*	270.000	J		
Q1147-12	YE8D3	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
Total Tics :				270.00				
Total Concentration:				270.00				
Client ID : XA173								
Q1148-04	XA173	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	140.000	J		
Q1148-04	XA173	Solid	9,10-Anthracenedione	*	190.000	J		
Q1148-04	XA173	Solid	Benzene, 1,4-dichloro-	*	8,000.000	J		
Q1148-04	XA173	Solid	Benzophenone	*	400.000	J		
Q1148-04	XA173	Solid	Diphenylmethane	*	90.000	J		
Q1148-04	XA173	Solid	n-Hexadecanoic acid	*	300.000	J		
Q1148-04	XA173	Solid	Pentadecanoic acid, 14-methyl-, n	*	110.000	J		
Q1148-04	XA173	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :				9,230.00				
Q1148-04	XA173	Solid	2,3,4,6-Tetrachlorophenol		86.000	J 33	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP012425

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1148-04	XA173	Solid	2,4,5-Trichlorophenol	1,600.000		39	170	ug/Kg
Q1148-04	XA173	Solid	2,4,6-Trichlorophenol	7,200.000	E	49	170	ug/Kg
Q1148-04	XA173	Solid	2,4-Dichlorophenol	3,800.000	E	16	170	ug/Kg
Q1148-04	XA173	Solid	2,4-Dinitrotoluene	6,700.000	E	43	170	ug/Kg
Q1148-04	XA173	Solid	2,6-Dinitrotoluene	10,000.000	E	44	170	ug/Kg
Q1148-04	XA173	Solid	2-Chlorophenol	3,100.000	E	23	170	ug/Kg
Q1148-04	XA173	Solid	2-Methylnaphthalene	1,900.000		23	170	ug/Kg
Q1148-04	XA173	Solid	2-Nitrophenol	1,700.000		31	170	ug/Kg
Q1148-04	XA173	Solid	4-Bromophenyl-phenylether	1,600.000		29	170	ug/Kg
Q1148-04	XA173	Solid	4-Chloro-3-methylphenol	1,600.000		49	170	ug/Kg
Q1148-04	XA173	Solid	4-Chlorophenyl-phenylether	2,000.000		20	170	ug/Kg
Q1148-04	XA173	Solid	4-Nitrophenol	3,800.000		44	330	ug/Kg
Q1148-04	XA173	Solid	Acenaphthene	3,900.000	E	29	170	ug/Kg
Q1148-04	XA173	Solid	Acenaphthylene	700.000		32	170	ug/Kg
Q1148-04	XA173	Solid	Anthracene	1,700.000		25	170	ug/Kg
Q1148-04	XA173	Solid	Benzo(a)anthracene	3,500.000	E	27	170	ug/Kg
Q1148-04	XA173	Solid	Benzo(a)pyrene	1,500.000		32	170	ug/Kg
Q1148-04	XA173	Solid	Benzo(b)fluoranthene	5,100.000	E	33	170	ug/Kg
Q1148-04	XA173	Solid	Benzo(g,h,i)perylene	1,200.000		26	170	ug/Kg
Q1148-04	XA173	Solid	Bis(2-Chloroethoxy)methane	6,300.000	E	43	170	ug/Kg
Q1148-04	XA173	Solid	Bis(2-Chloroethyl)ether	6,900.000	E	40	330	ug/Kg
Q1148-04	XA173	Solid	Bis(2-ethylhexyl)phthalate	5,400.000	E	95	170	ug/Kg
Q1148-04	XA173	Solid	Butylbenzylphthalate	2,000.000		83	170	ug/Kg
Q1148-04	XA173	Solid	Chrysene	4,100.000	E	31	170	ug/Kg
Q1148-04	XA173	Solid	Di-n-butylphthalate	3,500.000	E	61	170	ug/Kg
Q1148-04	XA173	Solid	Dibenzo(a,h)anthracene	3,500.000	E	28	170	ug/Kg
Q1148-04	XA173	Solid	Fluoranthene	3,400.000	E	54	170	ug/Kg
Q1148-04	XA173	Solid	Fluorene	4,900.000	E	25	170	ug/Kg
Q1148-04	XA173	Solid	Hexachlorobenzene	8,700.000	E	32	170	ug/Kg
Q1148-04	XA173	Solid	Hexachlorobutadiene	5,000.000	E	44	170	ug/Kg
Q1148-04	XA173	Solid	Hexachloroethane	4,600.000	E	18	170	ug/Kg
Q1148-04	XA173	Solid	Indeno(1,2,3-cd)pyrene	1,300.000		31	170	ug/Kg
Q1148-04	XA173	Solid	Isophorone	5,600.000	E	48	170	ug/Kg
Q1148-04	XA173	Solid	N-Nitroso-di-n-propylamine	7,000.000	E	51	170	ug/Kg
Q1148-04	XA173	Solid	Nitrobenzene	1,300.000		31	170	ug/Kg
Q1148-04	XA173	Solid	Pentachlorophenol	9,800.000	E	74	330	ug/Kg
Q1148-04	XA173	Solid	Phenanthrene	1,700.000		29	170	ug/Kg
Q1148-04	XA173	Solid	Phenol	1,200.000		43	330	ug/Kg
Q1148-04	XA173	Solid	Pyrene	2,300.000		49	170	ug/Kg
Total Svoc :				151,186.00				

Hit Summary Sheet SW-846

SDG No.: BP012425

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	160,416.00				
Client ID :	XA173DL							
Q1148-04DL	XA173DL	Solid	Benzene, 1,2-dichloro-	*	7,200.000	JD		
Q1148-04DL	XA173DL	Solid	Benzophenone	*	380.000	JD		
Q1148-04DL	XA173DL	Solid	Total Alkanes	*	0.000	D 120	840	ug/Kg
			Total Tics :	7,580.00				
Q1148-04DL	XA173DL	Solid	2,4,5-Trichlorophenol		1,500.000	D 190	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2,4,6-Trichlorophenol		6,700.000	D 240	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2,4-Dichlorophenol		3,600.000	D 79	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2,4-Dinitrotoluene		5,900.000	D 210	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2,6-Dinitrotoluene		8,900.000	D 220	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2-Chlorophenol		3,000.000	D 110	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2-Methylnaphthalene		1,800.000	D 110	840	ug/Kg
Q1148-04DL	XA173DL	Solid	2-Nitrophenol		1,500.000	D 150	840	ug/Kg
Q1148-04DL	XA173DL	Solid	4-Bromophenyl-phenylether		1,500.000	D 140	840	ug/Kg
Q1148-04DL	XA173DL	Solid	4-Chloro-3-methylphenol		1,400.000	D 240	840	ug/Kg
Q1148-04DL	XA173DL	Solid	4-Chlorophenyl-phenylether		2,000.000	D 99	840	ug/Kg
Q1148-04DL	XA173DL	Solid	4-Nitrophenol		3,600.000	D 220	1600	ug/Kg
Q1148-04DL	XA173DL	Solid	Acenaphthene		4,000.000	D 140	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Acenaphthylene		680.000	JD 160	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Anthracene		1,700.000	D 120	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Benzo(a)anthracene		5,100.000	D 130	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Benzo(a)pyrene		1,400.000	D 160	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Benzo(b)fluoranthene		7,200.000	D 160	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Benzo(g,h,i)perylene		1,100.000	D 130	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Bis(2-Chloroethoxy)methane		6,400.000	D 210	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Bis(2-Chloroethyl)ether		6,700.000	D 200	1600	ug/Kg
Q1148-04DL	XA173DL	Solid	Bis(2-ethylhexyl)phthalate		8,000.000	D 480	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Butylbenzylphthalate		1,700.000	D 420	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Chrysene		7,900.000	D 150	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Di-n-butylphthalate		7,300.000	D 300	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Dibenzo(a,h)anthracene		3,100.000	D 140	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Fluoranthene		6,300.000	D 270	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Fluorene		6,400.000	D 120	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Hexachlorobenzene		8,700.000	D 160	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Hexachlorobutadiene		4,900.000	D 220	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Hexachloroethane		4,400.000	D 89	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Indeno(1,2,3-cd)pyrene		1,200.000	D 150	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Isophorone		5,900.000	D 240	840	ug/Kg
Q1148-04DL	XA173DL	Solid	N-Nitroso-di-n-propylamine		6,900.000	D 250	840	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP012425

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1148-04DL	XA173DL	Solid	Nitrobenzene	1,300.000	D	150	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Pentachlorophenol	8,800.000	D	370	1600	ug/Kg
Q1148-04DL	XA173DL	Solid	Phenanthrene	1,700.000	D	140	840	ug/Kg
Q1148-04DL	XA173DL	Solid	Phenol	1,100.000	JD	210	1600	ug/Kg
Q1148-04DL	XA173DL	Solid	Pyrene	2,600.000	D	240	840	ug/Kg
Total Svoc :				163,880.00				
Total Concentration:				171,460.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225
Instrument ID: _____ Calibration Date(s): 1/22/2025 : _____
Calibration Time(s): 13:29 _____

LAB FILE ID:		RRF _{FAL1} = BP023701.D		RRF _{FAL2} = BP023702.D		RRF _{FAL3} = BP023703.D		
		RRF _{FAL4} = BP023704.D		RRF _{FAL5} = BP023705.D		RRF _{FAL6} = BP023706.D		
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
1,4-Dioxane	0.511	0.518	0.559	0.523	0.515		0.525	3.7
Benzaldehyde		1.016	1.069	0.981	0.703	0.483	0.850	29.4
Pyridine		1.362	1.541	1.501	1.453	1.385	1.449	5.2
Hexachloroethane	0.529	0.530	0.593	0.576	0.559		0.557	5.1
Nitrobenzene	0.334	0.327	0.374	0.372	0.353		0.352	6.0
Isophorone	0.608	0.609	0.715	0.719	0.697		0.670	8.4
2-Nitrophenol	0.133	0.136	0.172	0.184	0.186		0.162	15.9
2,4-Dimethylphenol	0.308	0.308	0.363	0.356	0.346		0.336	7.9
Bis(2-Chloroethoxy)methane	0.420	0.412	0.458	0.450	0.429		0.434	4.5
2,4-Dichlorophenol	0.264	0.273	0.317	0.325	0.321		0.300	9.7
Naphthalene	1.048	1.036	1.135	1.115	1.048		1.076	4.2
4-Chloroaniline		0.408	0.469	0.468	0.456	0.416	0.443	6.6
Hexachlorobutadiene	0.183	0.179	0.198	0.195	0.190		0.189	4.3
Phenol		1.593	1.824	1.854	1.829	1.753	1.771	6.0
Caprolactam		0.086	0.111	0.119	0.117	0.117	0.110	12.4
4-Chloro-3-methylphenol	0.261	0.273	0.333	0.345	0.343		0.311	13.0
1-Methylnaphthalene	0.688	0.682	0.770	0.767	0.727		0.727	5.8
2-Methylnaphthalene	0.688	0.680	0.766	0.761	0.739		0.727	5.6
Hexachlorocyclopentadiene		0.250	0.297	0.318	0.325	0.324	0.303	10.5
2,4,6-Trichlorophenol	0.282	0.304	0.373	0.391	0.397		0.349	15.1
2,4,5-Trichlorophenol	0.310	0.346	0.407	0.428	0.439		0.386	14.4
1,1-Biphenyl	1.434	1.449	1.599	1.574	1.468		1.505	5.0
2-Chloronaphthalene	1.094	1.136	1.244	1.225	1.159		1.172	5.3
2-Nitroaniline	0.218	0.242	0.297	0.318	0.317		0.278	16.4
Bis(2-Chloroethyl)ether		1.302	1.457	1.444	1.379	1.307	1.378	5.3
Dimethylphthalate	1.359	1.369	1.520	1.527	1.443		1.444	5.5
2,6-Dinitrotoluene	0.192	0.216	0.275	0.296	0.309		0.258	19.9
Acenaphthylene	1.675	1.729	1.920	1.916	1.785		1.805	6.1
3-Nitroaniline		0.258	0.318	0.333	0.308	0.285	0.301	9.8
Acenaphthene	1.218	1.216	1.356	1.322	1.268		1.276	4.9
2,4-Dinitrophenol		0.071	0.096	0.128	0.155	0.182	0.126	35.3
4-Nitrophenol		0.185	0.222	0.228	0.218	0.208	0.212	7.9
Dibenzofuran	1.694	1.683	1.860	1.826	1.713		1.755	4.7
2,4-Dinitrotoluene	0.290	0.324	0.410	0.447	0.454		0.385	19.2
Diethylphthalate	1.278	1.327	1.494	1.535	1.467		1.420	7.9
2-Chlorophenol	1.217	1.271	1.457	1.453	1.422		1.364	8.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225

Instrument ID: _____ Calibration Date(s): 1/22/2025 : _____

Calibration Time(s): 13:29 _____

LAB FILE ID:		RRFAL1 = BP023701.D		RRFAL2 = BP023702.D		RRFAL3 = BP023703.D		
		RRFAL4 = BP023704.D		RRFAL5 = BP023705.D		RRFAL6 = BP023706.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.394	1.403	1.572	1.538	1.406		1.463	5.8
4-Chlorophenyl-phenylether	0.676	0.684	0.760	0.755	0.706		0.716	5.5
4-Nitroaniline		0.284	0.353	0.356	0.290	0.245	0.306	15.7
4,6-Dinitro-2-methylphenol		0.071	0.100	0.119	0.128	0.136	0.111	23.3
N-Nitrosodiphenylamine	0.552	0.570	0.649	0.635	0.597		0.601	6.9
1,2,4,5-Tetrachlorobenzene	0.545	0.565	0.625	0.627	0.608		0.594	6.3
4-Bromophenyl-phenylether	0.193	0.197	0.227	0.225	0.228		0.214	8.0
Hexachlorobenzene	0.243	0.245	0.272	0.270	0.272		0.261	5.8
Atrazine		0.190	0.234	0.237	0.229	0.218	0.222	8.5
Pentachlorophenol		0.115	0.152	0.166	0.174	0.179	0.157	16.3
2-Methylphenol		1.101	1.320	1.346	1.344	1.313	1.285	8.1
Phenanthrene	1.078	1.091	1.214	1.179	1.087		1.130	5.5
Pentachlorobenzene	0.290	0.293	0.327	0.319	0.312		0.308	5.2
Anthracene	1.056	1.099	1.242	1.191	1.024		1.122	8.2
1,2,3,4-Tetrachlorobenzene	0.268	0.277	0.309	0.301	0.295		0.290	5.8
Carbazole		0.979	1.123	1.111	1.017	0.699	0.986	17.4
Di-n-butylphthalate	1.014	1.036	1.250	1.293	1.016		1.122	12.3
Fluoranthene	1.095	1.130	1.249	1.284	1.028		1.157	9.2
Pyrene	1.238	1.244	1.354	1.377	1.071		1.257	9.7
Butylbenzylphthalate	0.347	0.378	0.472	0.527	0.542		0.453	19.3
3,3-Dichlorobenzidine		0.280	0.351	0.386	0.381	0.367	0.353	12.1
2,2-oxybis(1-Chloropropane)		1.393	1.539	1.505	1.416	1.291	1.429	6.9
Benzo(a)anthracene	1.198	1.225	1.371	1.343	1.203		1.268	6.5
Chrysene	1.126	1.166	1.288	1.250	1.104		1.187	6.7
Bis(2-ethylhexyl)phthalate	0.517	0.567	0.721	0.782	0.792		0.676	18.7
Di-n-octyl phthalate		0.755	1.025	1.172	1.166	0.895	1.003	17.9
Benzo(b)fluoranthene	1.037	1.072	1.284	1.297	1.251		1.188	10.4
Benzo(k)fluoranthene	1.078	1.137	1.320	1.330	1.259		1.225	9.2
Benzo(a)pyrene	0.957	1.017	1.208	1.234	1.176		1.118	11.1
Indeno(1,2,3-cd)pyrene	1.140	1.253	1.489	1.538	1.529		1.390	13.1
Dibenzo(a,h)anthracene	0.909	1.024	1.217	1.257	1.237		1.129	13.7
Benzo(g,h,i)perylene	0.899	0.977	1.144	1.169	1.157		1.069	11.5
Acetophenone		2.015	2.270	2.261	2.164	1.976	2.137	6.4
2,3,4,6-Tetrachlorophenol	0.258	0.272	0.331	0.355	0.368		0.317	15.5
1,4-Dioxane-d8	0.473	0.489	0.525	0.505	0.490		0.497	3.9
Pyridine-d5		1.317	1.501	1.489	1.456	1.402	1.433	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP012225 SAS No.: BP012225 SDG No.: BP012225
Instrument ID: _____ Calibration Date(s): 1/22/2025 : _____
Calibration Time(s): 13:29 _____

LAB FILE ID:		RRFAL1 = BP023701.D			RRFAL2 = BP023702.D		RRFAL3 = BP023703.D	
		RRFAL4 = BP023704.D			RRFAL5 = BP023705.D		RRFAL6 = BP023706.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.456	1.730	1.764	1.762	1.750	1.692	7.9
Bis-(2-Chloroethyl)ether-d8		0.916	1.025	0.994	0.949	0.896	0.956	5.6
2-Chlorophenol-d4	1.109	1.158	1.377	1.398	1.391		1.287	11.0
4-Methylphenol-d8		1.140	1.363	1.395	1.402	1.354	1.331	8.2
Nitrobenzene-d5	0.131	0.136	0.160	0.163	0.163		0.151	10.5
2-Nitrophenol-d4	0.109	0.111	0.143	0.159	0.168		0.138	19.6
2,4-Dichlorophenol-d3	0.241	0.258	0.309	0.322	0.322		0.290	13.2
4-Chloroaniline-d4		0.420	0.488	0.487	0.479	0.448	0.464	6.4
4-Methylphenol		1.272	1.475	1.492	1.490	1.415	1.429	6.5
Dimethylphthalate-d6	1.345	1.361	1.506	1.512	1.469		1.438	5.6
Acenaphthylene-d8	1.463	1.566	1.784	1.796	1.714		1.665	8.7
4-Nitrophenol-d4		0.223	0.291	0.312	0.310	0.309	0.289	13.1
Fluorene-d10	1.126	1.170	1.278	1.318	1.264		1.231	6.5
4,6-Dinitro-2-methylphenol-		0.060	0.085	0.105	0.116	0.126	0.098	26.7
Anthracene-d10	0.882	0.905	1.043	1.020	0.950		0.960	7.3
Pyrene-d10	0.927	0.957	1.065	1.121	1.019		1.018	7.8
Benzo(a)pyrene-d12	0.818	0.899	1.079	1.110	1.099		1.001	13.4
N-Nitroso-di-n-propylamine	0.902	0.913	1.057	1.058	1.014		0.989	7.7

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.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020611 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 10:11

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	545666	7.793	2.26766e+00	10.58	1.42528e+00	14.42
	UPPER LIMIT	1091332	8.293	4535320	11.075	2850560	14.922
	LOWER LIMIT	272833	7.293	1133830	10.075	712640	13.922
	EPA SAMPLE NO.						
01	SBLK118	359838	7.79	1.38166e	10.58	857276	14.42
02	C0AD5	420181	7.79	1.72607e	10.57	1.08465e	14.42
03	XA173	588601	7.79	2.48669e	10.57	1.54313e	14.42
04	XA173DL	598727	7.76	2.46279e	10.54	1.52495e	14.40
05	YE8E7	524935	7.76	2.21104e	10.55	1.42023e	14.41
06	YE8E8	448266	7.79	1.84328e	10.56	1.10223e	14.42
07	YE8D2	431435	7.79	1.78475e	10.57	1.12792e	14.42
08	SBLK197	491605	7.79	1.95951e	10.56	1.22435e	14.42
09	SBLK197	515463	7.79	2.05205e	10.57	1.27538e	14.41
10	SBLK118	421637	7.79	1.68763e	10.56	1.08213e	14.42
11	C0B09	503030	7.79	2.05682e	10.56	1.277e+0	14.42
12	YE8D4	394317	7.79	1.65916e	10.57	1.03583e	14.41
13	YE8C3	542075	7.79	2.22568e	10.57	1.33345e	14.42
14	YE8C9	528949	7.79	2.28354e	10.57	1.46748e	14.42
15	YE8C9MS	542951	7.79	2.2546e+	10.57	1.39267e	14.41
16	YE8C9MSD	598478	7.79	2.55659e	10.57	1.65578e	14.42
17	YE8D5	548742	7.79	2.27913e	10.57	1.38937e	14.41
18	YE8D0	539128	7.79	2.21644e	10.57	1.3639e+	14.41
19	YE8D1	530742	7.79	2.19189e	10.57	1.38131e	14.42
20	YE8D3	523000	7.79	2.17849e	10.57	1.34496e	14.42
21	SLCS197	495946	7.79	1.95959e	10.56	1.23446e	14.42

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020611 Date Analyzed: Jan 25 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 02:07

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	545666	7.793	2.26766e+06	10.58	1.42528e+006	14.42
UPPER LIMIT	1091332	8.293	4535320	11.075	2850560	14.922
LOWER LIMIT	272833	7.293	1133830	10.075	712640	13.922
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020775 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023709.D Time Analyzed: 10:11

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	543127	7.787	2.24974e+00	10.56	1.38545e+00	14.42
UPPER LIMIT	1086254	8.287	4499480	11.063	2770900	14.916
LOWER LIMIT	271563.5	7.287	1124870	10.063	692725	13.916
EPA SAMPLE NO.						
01 SBLK118	359838	7.79	1.38166e	10.58	857276	14.42
02 C0AD5	420181	7.79	1.72607e	10.57	1.08465e	14.42
03 XA173	588601	7.79	2.48669e	10.57	1.54313e	14.42
04 XA173DL	598727	7.76	2.46279e	10.54	1.52495e	14.40
05 YE8E7	524935	7.76	2.21104e	10.55	1.42023e	14.41
06 YE8E8	448266	7.79	1.84328e	10.56	1.10223e	14.42
07 YE8D2	431435	7.79	1.78475e	10.57	1.12792e	14.42
08 SBLK197	491605	7.79	1.95951e	10.56	1.22435e	14.42

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.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020776 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023718.D Time Analyzed: 17:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	541096	7.793	2.28953e+06	10.57	1.39329e+006	14.41
UPPER LIMIT	1082192	8.293	4579060	11.069	2786580	14.91
LOWER LIMIT	270548	7.293	1144765	10.069	696645	13.91
EPA SAMPLE NO.						
01 SBLK197	515463	7.79	2.05205e	10.57	1.27538e	14.41
02 SBLK118	421637	7.79	1.68763e	10.56	1.08213e	14.42
03 C0B09	503030	7.79	2.05682e	10.56	1.277e+0	14.42
04 YE8D4	394317	7.79	1.65916e	10.57	1.03583e	14.41
05 YE8C3	542075	7.79	2.22568e	10.57	1.33345e	14.42
06 YE8C9	528949	7.79	2.28354e	10.57	1.46748e	14.42
07 YE8C9MS	542951	7.79	2.2546e+	10.57	1.39267e	14.41
08 YE8C9MSD	598478	7.79	2.55659e	10.57	1.65578e	14.42
09 YE8D5	548742	7.79	2.27913e	10.57	1.38937e	14.41
10 YE8D0	539128	7.79	2.21644e	10.57	1.3639e+	14.41
11 YE8D1	530742	7.79	2.19189e	10.57	1.38131e	14.42
12 YE8D3	523000	7.79	2.17849e	10.57	1.34496e	14.42
13 SLCS197	495946	7.79	1.95959e	10.56	1.23446e	14.42

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.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020611 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 10:11

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.78071e+01	17.21	3.07724e+	21.651	3.12899e+01	25.033
	UPPER LIMIT	5561420	17.71	6154480	22.151	6257980	25.533
	LOWER LIMIT	1390355	16.71	1538620	21.151	1564495	24.533
	EPA SAMPLE NO.						
01	SBLK118	1.81416	17.22	1.82887e+	21.65	1.97915e+	25.03
02	C0AD5	2.15193	17.21	1.95941e+	21.68	2.03039e+	25.06
03	XA173	3.05279	17.21	3.12732e+	21.66	3.45461e+	25.05
04	XA173DL	3.01937	17.22	3.33472e+	21.66	3.42892e+	25.07
05	YE8E7	2.81392	17.22	2.75867e+	21.66	2.84576e+	25.06
06	YE8E8	2.23148	17.22	2.22399e+	21.66	2.24051e+	25.06
07	YE8D2	2.2572e	17.21	2.21699e+	21.66	2.24066e+	25.06
08	SBLK197	2.50528	17.22	2.64041e+	21.66	2.88624e+	25.06
09	SBLK197	2.65706	17.21	2.76865e+	21.65	3.00732e+	25.05
10	SBLK118	2.29332	17.22	2.29868e+	21.65	2.4019e+0	25.05
11	C0B09	2.57021	17.21	2.64962e+	21.65	2.81929e+	25.05
12	YE8D4	2.07923	17.20	1.94532e+	21.65	1.93404e+	25.04
13	YE8C3	2.65589	17.21	2.72971e+	21.66	2.92407e+	25.05
14	YE8C9	2.94471	17.22	2.77143e+	21.67	2.79846e+	25.06
15	YE8C9MS	2.76383	17.21	3.02759e+	21.65	2.97778e+	25.04
16	YE8C9MSD	3.21755	17.20	3.26665e+	21.65	3.18469e+	25.04
17	YE8D5	2.76279	17.20	2.75488e+	21.65	2.8647e+0	25.04
18	YE8D0	2.6836e	17.21	2.74471e+	21.66	2.89447e+	25.05
19	YE8D1	2.75306	17.21	2.70694e+	21.65	2.85373e+	25.03
20	YE8D3	2.64924	17.21	2.69768e+	21.65	2.76446e+	25.03
21	SLCS197	2.52922	17.21	2.67571e+	21.66	2.60426e+	25.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020611 Date Analyzed: Jan 25 2025 12:00AM

Lab File ID: BP023703.D Time Analyzed: 02:07

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.78071e+04	17.21	3.07724e+04	21.651	3.12899e+04	25.033
UPPER LIMIT	5561420	17.71	6154480	22.151	6257980	25.533
LOWER LIMIT	1390355	16.71	1538620	21.151	1564495	24.533
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020775 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023709.D Time Analyzed: 10:11

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.70698e+01	17.21	2.88168e+	21.651	2.87817e+01	25.057
UPPER LIMIT	5413960	17.71	5763360	22.151	5756340	25.557
LOWER LIMIT	1353490	16.71	1440840	21.151	1439085	24.557
EPA SAMPLE NO.						
01 SBLK118	1.81416	17.22	1.82887e+	21.65	1.97915e+	25.03
02 C0AD5	2.15193	17.21	1.95941e+	21.68	2.03039e+	25.06
03 XA173	3.05279	17.21	3.12732e+	21.66	3.45461e+	25.05
04 XA173DL	3.01937	17.22	3.33472e+	21.66	3.42892e+	25.07
05 YE8E7	2.81392	17.22	2.75867e+	21.66	2.84576e+	25.06
06 YE8E8	2.23148	17.22	2.22399e+	21.66	2.24051e+	25.06
07 YE8D2	2.2572e	17.21	2.21699e+	21.66	2.24066e+	25.06
08 SBLK197	2.50528	17.22	2.64041e+	21.66	2.88624e+	25.06

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.: BP012425 SAS No.: BP012425 SDG NO.: BP012425

EPA Sample No.: SSTD020776 Date Analyzed: Jan 24 2025 12:00AM

Lab File ID: BP023718.D Time Analyzed: 17:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.75147e+01	17.21	2.87809e+	21.645	2.75972e+01	25.033
UPPER LIMIT	5502940	17.71	5756180	22.145	5519440	25.533
LOWER LIMIT	1375735	16.71	1439045	21.145	1379860	24.533
EPA SAMPLE NO.						
01 SBLK197	2.65706	17.21	2.76865e+	21.65	3.00732e+	25.05
02 SBLK118	2.29332	17.22	2.29868e+	21.65	2.4019e+0	25.05
03 C0B09	2.57021	17.21	2.64962e+	21.65	2.81929e+	25.05
04 YE8D4	2.07923	17.20	1.94532e+	21.65	1.93404e+	25.04
05 YE8C3	2.65589	17.21	2.72971e+	21.66	2.92407e+	25.05
06 YE8C9	2.94471	17.22	2.77143e+	21.67	2.79846e+	25.06
07 YE8C9MS	2.76383	17.21	3.02759e+	21.65	2.97778e+	25.04
08 YE8C9MSD	3.21755	17.20	3.26665e+	21.65	3.18469e+	25.04
09 YE8D5	2.76279	17.20	2.75488e+	21.65	2.8647e+0	25.04
10 YE8D0	2.6836e	17.21	2.74471e+	21.66	2.89447e+	25.05
11 YE8D1	2.75306	17.21	2.70694e+	21.65	2.85373e+	25.03
12 YE8D3	2.64924	17.21	2.69768e+	21.65	2.76446e+	25.03
13 SLCS197	2.52922	17.21	2.67571e+	21.66	2.60426e+	25.05

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.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166197BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	230	ug/Kg	18				0	0		
	Pyridine	1300	900	ug/Kg	69				0	0		
	Phenol	1300	930	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	880	ug/Kg	68				0	0		
	2-Chlorophenol	1300	940	ug/Kg	72				0	0		
	2-Methylphenol	1300	900	ug/Kg	69				0	0		
	2,2-oxybis(1-Chloropropane)	1300	900	ug/Kg	69				0	0		
	Acetophenone	1300	830	ug/Kg	64				0	0		
	4-Methylphenol	1300	910	ug/Kg	70				0	0		
	N-Nitroso-di-n-propylamine	1300	860	ug/Kg	66				0	0		
	Hexachloroethane	1300	890	ug/Kg	68				0	0		
	Nitrobenzene	1300	910	ug/Kg	70				0	0		
	Isophorone	1300	900	ug/Kg	69				0	0		
	2-Nitrophenol	1300	890	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	960	ug/Kg	74				0	0		
	Bis(2-chloroethoxy)methane	1300	870	ug/Kg	67				0	0		
	2,4-Dichlorophenol	1300	980	ug/Kg	75				0	0		
	Naphthalene	1300	880	ug/Kg	68				0	0		
	4-Chloroaniline	1300	440	ug/Kg	34				0	0		
	Hexachlorobutadiene	1300	890	ug/Kg	68				0	0		
	Caprolactam	1300	820	ug/Kg	63				0	0		
	4-Chloro-3-methylphenol	1300	970	ug/Kg	75				0	0		
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	2-Methylnaphthalene	1300	870	ug/Kg	67				0	0		
	Hexachlorocyclopentadiene	1300	710	ug/Kg	55				0	0		
	2,4,6-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	2,4,5-Trichlorophenol	1300	970	ug/Kg	75				0	0		
	1,1'-Biphenyl	1300	880	ug/Kg	68				0	0		
	2-Chloronaphthalene	1300	880	ug/Kg	68				0	0		
	2-Nitroaniline	1300	990	ug/Kg	76				0	0		
	Dimethylphthalate	1300	900	ug/Kg	69				0	0		
	2,6-Dinitrotoluene	1300	940	ug/Kg	72				0	0		
	Acenaphthylene	1300	910	ug/Kg	70				0	0		
	3-Nitroaniline	1300	860	ug/Kg	66				0	0		
	Acenaphthene	1300	890	ug/Kg	68				0	0		
	2,4-Dinitrophenol	1300	730	ug/Kg	56				0	0		
	4-Nitrophenol	1300	920	ug/Kg	71				0	0		
	Dibenzofuran	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrotoluene	1300	960	ug/Kg	74				0	0		
	Diethylphthalate	1300	920	ug/Kg	71				0	0		
	Fluorene	1300	940	ug/Kg	72				0	0		
	4-Chlorophenyl-phenylether	1300	920	ug/Kg	71				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166197BS	4,6-Dinitro-2-methylphenol	1300	810	ug/Kg	62				0	0	
	N-Nitrosodiphenylamine	1300	900	ug/Kg	69				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	860	ug/Kg	66				0	0	
	4-Bromophenyl-phenylether	1300	880	ug/Kg	68				0	0	
	Hexachlorobenzene	1300	860	ug/Kg	66				0	0	
	Atrazine	1300	810	ug/Kg	62				0	0	
	Pentachlorophenol	1300	830	ug/Kg	64				0	0	
	Phenanthrene	1300	900	ug/Kg	69				0	0	
	Pentachlorobenzene	1300	810	ug/Kg	62				0	0	
	Anthracene	1300	910	ug/Kg	70				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	840	ug/Kg	65				0	0	
	Carbazole	1300	960	ug/Kg	74				0	0	
	Di-n-butylphthalate	1300	940	ug/Kg	72				0	0	
	Fluoranthene	1300	940	ug/Kg	72				0	0	
	Pyrene	1300	950	ug/Kg	73				0	0	
	Butylbenzylphthalate	1300	920	ug/Kg	71				0	0	
	3,3'-Dichlorobenzidine	1300	850	ug/Kg	65				0	0	
	Benzo(a)anthracene	1300	910	ug/Kg	70				0	0	
	Chrysene	1300	920	ug/Kg	71				0	0	
	Bis(2-ethylhexyl)phthalate	1300	920	ug/Kg	71				0	0	
	Di-n-octylphthalate	1300	930	ug/Kg	72				0	0	
	Benzo(b)fluoranthene	1300	920	ug/Kg	71				0	0	
	Benzo(k)fluoranthene	1300	940	ug/Kg	72				0	0	
	Benzo(a)pyrene	1300	930	ug/Kg	72				0	0	
	Indeno(1,2,3-cd)pyrene	1300	920	ug/Kg	71				0	0	
	Dibenzo(a,h)anthracene	1300	920	ug/Kg	71				0	0	
	Benzo(g,h,i)perylene	1300	930	ug/Kg	72				0	0	
	2,3,4,6-Tetrachlorophenol	1300	920	ug/Kg	71				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK118

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP012425

SAS No.: BP012425 SDG NO.: BP012425

Lab File ID: BP023720.D

Lab Sample ID: PB166118BL

Instrument ID: BNA_P

Date Extracted: 01/17/2025

Matrix: (soil/water) Water

Date Analyzed: 01/24/2025

Level: (low/med) LOW

Time Analyzed: 18:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AD5	Q1086-22	BP023711.D	01/24/2025
C0B09	Q1088-10	BP023721.D	01/24/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK197

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP012425

SAS No.: BP012425 SDG NO.: BP012425

Lab File ID: BP023717.D

Lab Sample ID: PB166197BL

Instrument ID: BNA_P

Date Extracted: 01/23/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/24/2025

Level: (low/med) LOW

Time Analyzed: 16:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA173	Q1148-04	BP023712.D	01/24/2025
YE8E7	Q1147-01	BP023714.D	01/24/2025
YE8E8	Q1147-02	BP023715.D	01/24/2025
YE8D2	Q1147-03	BP023716.D	01/24/2025
YE8D4	Q1147-04	BP023722.D	01/24/2025
YE8C3	Q1147-05	BP023723.D	01/24/2025
YE8C9	Q1147-06	BP023724.D	01/24/2025
YE8C9MS	Q1147-07MS	BP023725.D	01/24/2025
YE8C9MSD	Q1147-08MSD	BP023726.D	01/24/2025
YE8D5	Q1147-09	BP023727.D	01/24/2025
YE8D0	Q1147-10	BP023728.D	01/25/2025
YE8D1	Q1147-11	BP023729.D	01/25/2025
YE8D3	Q1147-12	BP023730.D	01/25/2025
PB166197BS	PB166197BS	BP023731.D	01/25/2025

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1147-07MS	Client Sample ID:	YE8C9MS					DataFile:	BP023725.D		
1,4-Dioxane	620		480	ug/Kg	77				15	120	
Benzaldehyde	1500		160	ug/Kg	11				0	0	
Pyridine	1500		1200	ug/Kg	80				0	0	
Phenol	1500	0	1300	ug/Kg	87				26	90	
Bis(2-chloroethyl)ether	1500		1200	ug/Kg	80				0	0	
2-Chlorophenol	1500		1300	ug/Kg	87				25	102	
2-Methylphenol	1500		1300	ug/Kg	87				0	0	
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87				0	0	
Acetophenone	1500		1200	ug/Kg	80				0	0	
4-Methylphenol	1500		1300	ug/Kg	87				0	0	
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87				41	126	
Hexachloroethane	1500		1200	ug/Kg	80				0	0	
Nitrobenzene	1500		1300	ug/Kg	87				0	0	
Isophorone	1500		1300	ug/Kg	87				0	0	
2-Nitrophenol	1500		1300	ug/Kg	87				0	0	
2,4-Dimethylphenol	1500		1200	ug/Kg	80				0	0	
Bis(2-chloroethoxy)methane	1500		1200	ug/Kg	80				0	0	
2,4-Dichlorophenol	1500		1300	ug/Kg	87				0	0	
Naphthalene	1500		1200	ug/Kg	80				0	0	
4-Chloroaniline	1500		630	ug/Kg	42				0	0	
Hexachlorobutadiene	1500		1200	ug/Kg	80				0	0	
Caprolactam	1500		1100	ug/Kg	73				0	0	
4-Chloro-3-methylphenol	1500		1300	ug/Kg	87				26	103	
1-Methylnaphthalene	1500		1200	ug/Kg	80				0	0	
2-Methylnaphthalene	1500		1300	ug/Kg	87				0	0	
Hexachlorocyclopentadiene	1500		1000	ug/Kg	67				0	0	
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
1,1'-Biphenyl	1500		1300	ug/Kg	87				0	0	
2-Chloronaphthalene	1500		1300	ug/Kg	87				0	0	
2-Nitroaniline	1500		1400	ug/Kg	93				0	0	
Dimethylphthalate	1500		1200	ug/Kg	80				0	0	
2,6-Dinitrotoluene	1500		1300	ug/Kg	87				0	0	
Acenaphthylene	1500		1300	ug/Kg	87				0	0	
3-Nitroaniline	1500		1200	ug/Kg	80				0	0	
Acenaphthene	1500		1300	ug/Kg	87				31	137	
2,4-Dinitrophenol	1500		1100	ug/Kg	73				0	0	
4-Nitrophenol	1500		1300	ug/Kg	87				11	114	
Dibenzofuran	1500		1200	ug/Kg	80				0	0	
2,4-Dinitrotoluene	1500		1300	ug/Kg	87				28	89	
Diethylphthalate	1500		1300	ug/Kg	87				0	0	
Fluorene	1500		1300	ug/Kg	87				0	0	
4-Chlorophenyl-phenylether	1500		1300	ug/Kg	87				0	0	
4-Nitroaniline	1500		1500	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1500		1200	ug/Kg	80				0	0	
N-Nitrosodiphenylamine	1500		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP012425

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		1300	ug/Kg	87				0	0	
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87				0	0	
Hexachlorobenzene	1500		1200	ug/Kg	80				0	0	
Atrazine	1500		1200	ug/Kg	80				0	0	
Pentachlorophenol	1500		1200	ug/Kg	80				17	109	
Phenanthrene	1500		1300	ug/Kg	87				0	0	
Pentachlorobenzene	1500		1200	ug/Kg	80				0	0	
Anthracene	1500		1300	ug/Kg	87				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1300	ug/Kg	87				0	0	
Carbazole	1500		1400	ug/Kg	93				0	0	
Di-n-butylphthalate	1500		1400	ug/Kg	93				0	0	
Fluoranthene	1500		1300	ug/Kg	87				0	0	
Pyrene	1500		1300	ug/Kg	87				35	142	
Butylbenzylphthalate	1500		1400	ug/Kg	93				0	0	
3,3'-Dichlorobenzidine	1500		1200	ug/Kg	80				0	0	
Benzo(a)anthracene	1500		1300	ug/Kg	87				0	0	
Chrysene	1500		1300	ug/Kg	87				0	0	
Bis(2-ethylhexyl)phthalate	1500		1400	ug/Kg	93				0	0	
Di-n-octylphthalate	1500		1400	ug/Kg	93				0	0	
Benzo(b)fluoranthene	1500		1300	ug/Kg	87				0	0	
Benzo(k)fluoranthene	1500		1300	ug/Kg	87				0	0	
Benzo(a)pyrene	1500		1300	ug/Kg	87				0	0	
Indeno(1,2,3-cd)pyrene	1500		1300	ug/Kg	87				0	0	
Dibenzo(a,h)anthracene	1500		1300	ug/Kg	87				0	0	
Benzo(g,h,i)perylene	1500		1300	ug/Kg	87				0	0	
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1147-08MSD	Client Sample ID:	YE8C9MSD					DataFile:	BP023726.D		
1,4-Dioxane	620		490	ug/Kg	79		3		15	120	50
Benzaldehyde	1500		170	ug/Kg	11		0		0	0	0
Pyridine	1500		1300	ug/Kg	87		8	*	0	0	0
Phenol	1500	0	1400	ug/Kg	93	*	7		26	90	35
Bis(2-chloroethyl)ether	1500		1300	ug/Kg	87		8	*	0	0	0
2-Chlorophenol	1500		1400	ug/Kg	93		7		25	102	50
2-Methylphenol	1500		1400	ug/Kg	93		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87		0		0	0	0
Acetophenone	1500		1300	ug/Kg	87		8	*	0	0	0
4-Methylphenol	1500		1400	ug/Kg	93		7	*	0	0	0
N-Nitroso-di-n-propylamine	1500		1400	ug/Kg	93		7		41	126	38
Hexachloroethane	1500		1300	ug/Kg	87		8	*	0	0	0
Nitrobenzene	1500		1300	ug/Kg	87		0		0	0	0
Isophorone	1500		1400	ug/Kg	93		7	*	0	0	0
2-Nitrophenol	1500		1400	ug/Kg	93		7	*	0	0	0
2,4-Dimethylphenol	1500		1300	ug/Kg	87		8	*	0	0	0
Bis(2-chloroethoxy)methane	1500		1300	ug/Kg	87		8	*	0	0	0
2,4-Dichlorophenol	1500		1400	ug/Kg	93		7	*	0	0	0
Naphthalene	1500		1300	ug/Kg	87		8	*	0	0	0
4-Chloroaniline	1500		660	ug/Kg	44		5	*	0	0	0
Hexachlorobutadiene	1500		1300	ug/Kg	87		8	*	0	0	0
Caprolactam	1500		1200	ug/Kg	80		9	*	0	0	0
4-Chloro-3-methylphenol	1500		1400	ug/Kg	93		7		26	103	33
1-Methylnaphthalene	1500		1300	ug/Kg	87		8	*	0	0	0
2-Methylnaphthalene	1500		1300	ug/Kg	87		0		0	0	0
Hexachlorocyclopentadiene	1500		1100	ug/Kg	73		9	*	0	0	0
2,4,6-Trichlorophenol	1500		1400	ug/Kg	93		7	*	0	0	0
2,4,5-Trichlorophenol	1500		1400	ug/Kg	93		7	*	0	0	0
1,1'-Biphenyl	1500		1300	ug/Kg	87		0		0	0	0
2-Chloronaphthalene	1500		1300	ug/Kg	87		0		0	0	0
2-Nitroaniline	1500		1400	ug/Kg	93		0		0	0	0
Dimethylphthalate	1500		1300	ug/Kg	87		8	*	0	0	0
2,6-Dinitrotoluene	1500		1400	ug/Kg	93		7	*	0	0	0
Acenaphthylene	1500		1300	ug/Kg	87		0		0	0	0
3-Nitroaniline	1500		1200	ug/Kg	80		0		0	0	0
Acenaphthene	1500		1300	ug/Kg	87		0		31	137	19
2,4-Dinitrophenol	1500		1200	ug/Kg	80		9	*	0	0	0
4-Nitrophenol	1500		1300	ug/Kg	87		0		11	114	50
Dibenzofuran	1500		1300	ug/Kg	87		8	*	0	0	0
2,4-Dinitrotoluene	1500		1400	ug/Kg	93	*	7		28	89	47
Diethylphthalate	1500		1300	ug/Kg	87		0		0	0	0
Fluorene	1500		1300	ug/Kg	87		0		0	0	0
4-Chlorophenyl-phenylether	1500		1300	ug/Kg	87		0		0	0	0
4-Nitroaniline	1500		1500	ug/Kg	100		0		0	0	0
4,6-Dinitro-2-methylphenol	1500		1300	ug/Kg	87		8	*	0	0	0
N-Nitrosodiphenylamine	1500		1300	ug/Kg	87		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP012425

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		1300	ug/Kg	87	0			0	0	0
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87	0			0	0	0
Hexachlorobenzene	1500		1300	ug/Kg	87	8	*		0	0	0
Atrazine	1500		1200	ug/Kg	80	0			0	0	0
Pentachlorophenol	1500		1300	ug/Kg	87	8			17	109	47
Phenanthrene	1500		1300	ug/Kg	87	0			0	0	0
Pentachlorobenzene	1500		1300	ug/Kg	87	8	*		0	0	0
Anthracene	1500		1300	ug/Kg	87	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1300	ug/Kg	87	0			0	0	0
Carbazole	1500		1400	ug/Kg	93	0			0	0	0
Di-n-butylphthalate	1500		1500	ug/Kg	100	7	*		0	0	0
Fluoranthene	1500		1500	ug/Kg	100	14	*		0	0	0
Pyrene	1500		1400	ug/Kg	93	7			35	142	36
Butylbenzylphthalate	1500		1500	ug/Kg	100	7	*		0	0	0
3,3'-Dichlorobenzidine	1500		1300	ug/Kg	87	8	*		0	0	0
Benzo(a)anthracene	1500		1300	ug/Kg	87	0			0	0	0
Chrysene	1500		1300	ug/Kg	87	0			0	0	0
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100	7	*		0	0	0
Di-n-octylphthalate	1500		1600	ug/Kg	107	14	*		0	0	0
Benzo(b)fluoranthene	1500		1400	ug/Kg	93	7	*		0	0	0
Benzo(k)fluoranthene	1500		1400	ug/Kg	93	7	*		0	0	0
Benzo(a)pyrene	1500		1400	ug/Kg	93	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1400	ug/Kg	93	7	*		0	0	0
Dibenzo(a,h)anthracene	1500		1400	ug/Kg	93	7	*		0	0	0
Benzo(g,h,i)perylene	1500		1400	ug/Kg	93	7	*		0	0	0
2,3,4,6-Tetrachlorophenol	1500		1400	ug/Kg	93	7	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166118BL	PB166118BL	BP023710.D	1,4-Dioxane-d8	8	8.40	105		15	120
			Pyridine-d5	40	40.86	102		20	120
		BP023720.D	1,4-Dioxane-d8	8	8.51	106		15	120
			Pyridine-d5	40	41.12	103		20	120
		BP023710.D	Phenol-d5	40	44.52	111		10	130
			Phenol-d5	40	40.46	101		10	130
		BP023720.D	Bis(2-Chloroethyl)ether-d8	40	40.07	100		25	120
			Bis(2-Chloroethyl)ether-d8	40	42.45	106		25	120
		BP023710.D	2-Chlorophenol-d4	40	46.15	115		20	130
			2-Chlorophenol-d4	40	42.62	107		20	130
		BP023720.D	4-Methylphenol-d8	40	40.02	100		25	125
			4-Methylphenol-d8	40	43.92	110		25	125
		BP023710.D	Nitrobenzene-d5	40	42.36	106		20	125
			Nitrobenzene-d5	40	41.31	103		20	125
		BP023720.D	2-Nitrophenol-d4	40	41.03	103		20	130
			2-Nitrophenol-d4	40	42.27	106		20	130
		BP023710.D	2,4-Dichlorophenol-d3	40	44.63	112		20	120
			2,4-Dichlorophenol-d3	40	42.71	107		20	120
		BP023720.D	4-Chloroaniline-d4	40	35.58	89		1	146
			4-Chloroaniline-d4	40	40.27	101		1	146
		BP023710.D	Dimethylphthalate-d6	40	43.73	109		25	130
			Dimethylphthalate-d6	40	44.61	112		25	130
		BP023720.D	Acenaphthylene-d8	40	42.67	107		10	130
			Acenaphthylene-d8	40	43.31	108		10	130
		BP023710.D	4-Nitrophenol-d4	40	36.37	91		10	150
			4-Nitrophenol-d4	40	34.90	87		10	150
		BP023720.D	Fluorene-d10	40	44.86	112		25	125
			Fluorene-d10	40	44.57	111		25	125
		BP023710.D	4,6-Dinitro-2-methylphenol-d2	40	24.21	61		10	130
			4,6-Dinitro-2-methylphenol-d2	40	26.81	67		10	130
		BP023720.D	Anthracene-d10	40	43.90	110		25	130
			Anthracene-d10	40	44.28	111		25	130
		BP023710.D	Pyrene-d10	40	49.24	123		15	130
			Pyrene-d10	40	47.75	119		15	130
		BP023720.D	Benzo(a)pyrene-d12	40	45.59	114		20	130
			Benzo(a)pyrene-d12	40	47.01	118		20	130
Q1086-22	C0AD5	BP023711.D	1,4-Dioxane-d8	8	8.06	101		15	120
			Pyridine-d5	40	39.07	98		20	120
			Phenol-d5	40	42.53	106		10	130
			Bis(2-Chloroethyl)ether-d8	40	44.86	112		25	120
			2-Chlorophenol-d4	40	44.06	110		20	130
			4-Methylphenol-d8	40	43.39	108		25	125
			Nitrobenzene-d5	40	45.00	113		20	125
			2-Nitrophenol-d4	40	47.20	118		20	130
			2,4-Dichlorophenol-d3	40	43.14	108		20	120
			4-Chloroaniline-d4	40	45.17	113		1	146
			Dimethylphthalate-d6	40	49.92	125		25	130
			Acenaphthylene-d8	40	47.36	118		10	130
			4-Nitrophenol-d4	40	38.26	96		10	150

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1086-22	C0AD5	BP023711.D	Fluorene-d10	40	49.65	124		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.31	83		10	130
			Anthracene-d10	40	51.04	128		25	130
			Pyrene-d10	40	58.44	146	*	15	130
			Benzo(a)pyrene-d12	40	54.56	136	*	20	130
Q1088-10	C0B09	BP023721.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	5.58	14	*	20	120
			Phenol-d5	40	7.83	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.00	90		25	120
			2-Chlorophenol-d4	40	31.43	79		20	130
			4-Methylphenol-d8	40	19.69	49		25	125
			Nitrobenzene-d5	40	35.85	90		20	125
			2-Nitrophenol-d4	40	36.36	91		20	130
			2,4-Dichlorophenol-d3	40	34.19	85		20	120
			4-Chloroaniline-d4	40	26.33	66		1	146
			Dimethylphthalate-d6	40	37.41	94		25	130
			Acenaphthylene-d8	40	37.31	93		10	130
			4-Nitrophenol-d4	40	6.26	16		10	150
			Fluorene-d10	40	39.51	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.07	68		10	130
			Anthracene-d10	40	42.60	107		25	130
			Pyrene-d10	40	46.61	117		15	130
			Benzo(a)pyrene-d12	40	44.42	111		20	130

Surrogate Summary

SW-846

SDG No.: **BP012425**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166197BL	PB166197BL	BP023719.D	Pyridine-d5	40	24.85	62		20	120
		BP023717.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Pyridine-d5	40	24.60	61		20	120
		BP023719.D	1,4-Dioxane-d8	8	5.06	63		15	120
		BP023717.D	Phenol-d5	40	24.84	62		10	130
		BP023719.D	Phenol-d5	40	24.78	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.35	61		10	150
		BP023717.D	Bis(2-Chloroethyl)ether-d8	40	24.46	61		10	150
			2-Chlorophenol-d4	40	25.87	65		15	120
		BP023719.D	2-Chlorophenol-d4	40	25.89	65		15	120
			4-Methylphenol-d8	40	24.29	61		10	140
		BP023717.D	4-Methylphenol-d8	40	24.30	61		10	140
			Nitrobenzene-d5	40	23.94	60		10	135
		BP023719.D	Nitrobenzene-d5	40	23.83	60		10	135
			2-Nitrophenol-d4	40	23.31	58		10	120
		BP023717.D	2-Nitrophenol-d4	40	23.32	58		10	120
			2,4-Dichlorophenol-d3	40	24.71	62		10	140
		BP023719.D	2,4-Dichlorophenol-d3	40	24.52	61		10	140
			4-Chloroaniline-d4	40	22.04	55		1	145
		BP023717.D	4-Chloroaniline-d4	40	21.98	55		1	145
			Dimethylphthalate-d6	40	24.57	61		10	145
		BP023719.D	Dimethylphthalate-d6	40	24.74	62		10	145
			Acenaphthylene-d8	40	24.85	62		15	120
		BP023717.D	Acenaphthylene-d8	40	24.70	62		15	120
			4-Nitrophenol-d4	40	18.44	46		10	150
		BP023719.D	4-Nitrophenol-d4	40	18.81	47		10	150
			Fluorene-d10	40	25.41	64		20	140
		BP023717.D	Fluorene-d10	40	25.27	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.38	33		10	130
		BP023719.D	4,6-Dinitro-2-methylphenol-d2	40	13.68	34		10	130
			Anthracene-d10	40	25.00	63		10	150
		BP023717.D	Anthracene-d10	40	25.66	64		10	150
		BP023719.D	Pyrene-d10	40	26.75	67		10	130
		BP023717.D	Pyrene-d10	40	26.81	67		10	130
		BP023719.D	Benzo(a)pyrene-d12	40	25.11	63		10	140
		BP023717.D	Benzo(a)pyrene-d12	40	25.83	65		10	140
PB166197BS	PB166197BS	BP023731.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	26.58	66		20	120
			Phenol-d5	40	26.77	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.19	65		10	150
			2-Chlorophenol-d4	40	27.87	70		15	120
			4-Methylphenol-d8	40	26.48	66		10	140
			Nitrobenzene-d5	40	26.43	66		10	135
			2-Nitrophenol-d4	40	25.74	64		10	120
			2,4-Dichlorophenol-d3	40	29.15	73		10	140
			4-Chloroaniline-d4	40	23.37	58		1	145
			Dimethylphthalate-d6	40	26.70	67		10	145
			Acenaphthylene-d8	40	26.75	67		15	120
			4-Nitrophenol-d4	40	26.27	66		10	150

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166197BS	PB166197BS	BP023731.D	Fluorene-d10	40	27.05	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.82	57		10	130
			Anthracene-d10	40	26.94	67		10	150
			Pyrene-d10	40	26.90	67		10	130
			Benzo(a)pyrene-d12	40	27.42	69		10	140
Q1147-01	YE8E7	BP023714.D	Pyridine-d5	40	15.72	39		20	120
			1,4-Dioxane-d8	8	3.85	48		15	120
			Phenol-d5	40	19.57	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.09	50		10	150
			2-Chlorophenol-d4	40	20.59	51		15	120
			4-Methylphenol-d8	40	19.85	50		10	140
			Nitrobenzene-d5	40	19.55	49		10	135
			2-Nitrophenol-d4	40	19.96	50		10	120
			2,4-Dichlorophenol-d3	40	19.19	48		10	140
			4-Chloroaniline-d4	40	17.75	44		1	145
			Dimethylphthalate-d6	40	20.39	51		10	145
			Acenaphthylene-d8	40	18.96	47		15	120
			4-Nitrophenol-d4	40	11.34	28		10	150
			Fluorene-d10	40	18.81	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.86	10		10	130
			Anthracene-d10	40	17.67	44		10	150
			Pyrene-d10	40	17.23	43		10	130
			Benzo(a)pyrene-d12	40	9.35	23		10	140
Q1147-02	YE8E8	BP023715.D	1,4-Dioxane-d8	8	4.35	54		15	120
			Pyridine-d5	40	20.22	51		20	120
			Phenol-d5	40	22.84	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.94	60		10	150
			2-Chlorophenol-d4	40	23.66	59		15	120
			4-Methylphenol-d8	40	22.80	57		10	140
			Nitrobenzene-d5	40	21.41	54		10	135
			2-Nitrophenol-d4	40	21.18	53		10	120
			2,4-Dichlorophenol-d3	40	21.19	53		10	140
			4-Chloroaniline-d4	40	21.12	53		1	145
			Dimethylphthalate-d6	40	24.34	61		10	145
			Acenaphthylene-d8	40	19.69	49		15	120
			4-Nitrophenol-d4	40	11.40	28		10	150
			Fluorene-d10	40	18.71	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.87	10		10	130
			Anthracene-d10	40	19.21	48		10	150
			Pyrene-d10	40	14.79	37		10	130
			Benzo(a)pyrene-d12	40	9.22	23		10	140
Q1147-03	YE8D2	BP023716.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	12.78	32		20	120
			Phenol-d5	40	23.26	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.89	62		10	150
			2-Chlorophenol-d4	40	24.42	61		15	120
			4-Methylphenol-d8	40	23.47	59		10	140
			Nitrobenzene-d5	40	24.16	60		10	135
			2-Nitrophenol-d4	40	23.80	60		10	120

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1147-03	YE8D2	BP023716.D	2,4-Dichlorophenol-d3	40	22.96	57		10	140
			4-Chloroaniline-d4	40	22.46	56		1	145
			Dimethylphthalate-d6	40	25.92	65		10	145
			Acenaphthylene-d8	40	25.75	64		15	120
			4-Nitrophenol-d4	40	14.30	36		10	150
			Fluorene-d10	40	26.41	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.50	9	*	10	130
			Anthracene-d10	40	26.26	66		10	150
			Pyrene-d10	40	27.93	70		10	130
			Benzo(a)pyrene-d12	40	12.47	31		10	140
Q1147-04	YE8D4	BP023722.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Pyridine-d5	40	19.25	48		20	120
			Phenol-d5	40	24.27	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.74	67		10	150
			2-Chlorophenol-d4	40	25.79	64		15	120
			4-Methylphenol-d8	40	23.74	59		10	140
			Nitrobenzene-d5	40	24.65	62		10	135
			2-Nitrophenol-d4	40	24.73	62		10	120
			2,4-Dichlorophenol-d3	40	24.01	60		10	140
			4-Chloroaniline-d4	40	23.32	58		1	145
			Dimethylphthalate-d6	40	27.00	68		10	145
			Acenaphthylene-d8	40	26.77	67		15	120
			4-Nitrophenol-d4	40	18.56	46		10	150
			Fluorene-d10	40	27.99	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.03	33		10	130
			Anthracene-d10	40	27.98	70		10	150
			Pyrene-d10	40	31.98	80		10	130
			Benzo(a)pyrene-d12	40	27.43	69		10	140
Q1147-05	YE8C3	BP023723.D	1,4-Dioxane-d8	8	3.28	41	*	15	120
			Pyridine-d5	40	0.75	2		20	120
			Phenol-d5	40	17.08	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.90	47		10	150
			2-Chlorophenol-d4	40	17.98	45		15	120
			4-Methylphenol-d8	40	16.96	42		10	140
			Nitrobenzene-d5	40	17.72	44		10	135
			2-Nitrophenol-d4	40	16.77	42		10	120
			2,4-Dichlorophenol-d3	40	16.83	42		10	140
			4-Chloroaniline-d4	40	14.15	35		1	145
			Dimethylphthalate-d6	40	18.48	46		10	145
			Acenaphthylene-d8	40	19.21	48		15	120
			4-Nitrophenol-d4	40	11.03	28		10	150
			Fluorene-d10	40	19.54	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.68	19		10	130
			Anthracene-d10	40	19.35	48		10	150
			Pyrene-d10	40	20.53	51		10	130
			Benzo(a)pyrene-d12	40	16.70	42		10	140
Q1147-06	YE8C9	BP023724.D	1,4-Dioxane-d8	8	5.49	69		15	120
			Pyridine-d5	40	20.72	52		20	120
			Phenol-d5	40	29.00	73		10	130

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1147-06	YE8C9	BP023724.D	Bis(2-Chloroethyl)ether-d8	40	30.69	77		10	150
			2-Chlorophenol-d4	40	30.40	76		15	120
			4-Methylphenol-d8	40	28.82	72		10	140
			Nitrobenzene-d5	40	29.38	73		10	135
			2-Nitrophenol-d4	40	29.91	75		10	120
			2,4-Dichlorophenol-d3	40	28.62	72		10	140
			4-Chloroaniline-d4	40	26.95	67		1	145
			Dimethylphthalate-d6	40	30.59	76		10	145
			Acenaphthylene-d8	40	31.48	79		15	120
			4-Nitrophenol-d4	40	23.23	58		10	150
			Fluorene-d10	40	32.03	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.46	46		10	130
			Anthracene-d10	40	32.00	80		10	150
			Pyrene-d10	40	36.35	91		10	130
			Benzo(a)pyrene-d12	40	32.06	80		10	140
Q1147-07MS	YE8C9MS	BP023725.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	19.48	49		20	120
			Phenol-d5	40	27.63	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.94	70		10	150
			2-Chlorophenol-d4	40	28.83	72		15	120
			4-Methylphenol-d8	40	26.84	67		10	140
			Nitrobenzene-d5	40	27.98	70		10	135
			2-Nitrophenol-d4	40	28.73	72		10	120
			2,4-Dichlorophenol-d3	40	29.36	73		10	140
			4-Chloroaniline-d4	40	23.95	60		1	145
			Dimethylphthalate-d6	40	27.63	69		10	145
			Acenaphthylene-d8	40	28.63	72		15	120
			4-Nitrophenol-d4	40	27.52	69		10	150
			Fluorene-d10	40	28.22	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.45	64		10	130
			Anthracene-d10	40	28.66	72		10	150
			Pyrene-d10	40	28.57	71		10	130
Q1147-08MSD	YE8C9MSD	BP023726.D	Benzo(a)pyrene-d12	40	28.49	71		10	140
			1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	20.41	51		20	120
			Phenol-d5	40	29.68	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.11	73		10	150
			2-Chlorophenol-d4	40	30.83	77		15	120
			4-Methylphenol-d8	40	29.47	74		10	140
			Nitrobenzene-d5	40	29.96	75		10	135
			2-Nitrophenol-d4	40	31.69	79		10	120
			2,4-Dichlorophenol-d3	40	31.57	79		10	140
			4-Chloroaniline-d4	40	25.37	63		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	29.63	74		15	120
			4-Nitrophenol-d4	40	28.12	70		10	150
			Fluorene-d10	40	28.77	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.94	70		10	130
			Anthracene-d10	40	29.66	74		10	150

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1147-08MSD	YE8C9MSD	BP023726.D	Pyrene-d10	40	31.16	78		10	130
			Benzo(a)pyrene-d12	40	30.30	76		10	140
Q1147-09	YE8D5	BP023727.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	11.89	30		20	120
			Phenol-d5	40	14.37	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.18	38		10	150
			2-Chlorophenol-d4	40	15.01	38		15	120
			4-Methylphenol-d8	40	14.19	35		10	140
			Nitrobenzene-d5	40	14.48	36		10	135
			2-Nitrophenol-d4	40	14.24	36		10	120
			2,4-Dichlorophenol-d3	40	13.89	35		10	140
			4-Chloroaniline-d4	40	13.24	33		1	145
			Dimethylphthalate-d6	40	15.47	39		10	145
			Acenaphthylene-d8	40	15.35	38		15	120
			4-Nitrophenol-d4	40	9.11	23		10	150
			Fluorene-d10	40	15.91	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.68	12		10	130
			Anthracene-d10	40	15.81	40		10	150
			Pyrene-d10	40	17.10	43		10	130
			Benzo(a)pyrene-d12	40	12.89	32		10	140
Q1147-10	YE8D0	BP023728.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	1.03	3	*	20	120
			Phenol-d5	40	17.43	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.91	47		10	150
			2-Chlorophenol-d4	40	18.50	46		15	120
			4-Methylphenol-d8	40	17.34	43		10	140
			Nitrobenzene-d5	40	18.17	45		10	135
			2-Nitrophenol-d4	40	17.27	43		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	13.40	34		1	145
			Dimethylphthalate-d6	40	17.02	43		10	145
			Acenaphthylene-d8	40	19.49	49		15	120
			4-Nitrophenol-d4	40	11.49	29		10	150
			Fluorene-d10	40	19.68	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.63	19		10	130
			Anthracene-d10	40	20.39	51		10	150
			Pyrene-d10	40	21.79	54		10	130
			Benzo(a)pyrene-d12	40	19.54	49		10	140
Q1147-11	YE8D1	BP023729.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.65	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.82	40		10	150
			2-Chlorophenol-d4	40	14.64	37		15	120
			4-Methylphenol-d8	40	13.54	34		10	140
			Nitrobenzene-d5	40	14.87	37		10	135
			2-Nitrophenol-d4	40	12.88	32		10	120
			2,4-Dichlorophenol-d3	40	13.50	34		10	140
			4-Chloroaniline-d4	40	3.84	10		1	145
			Dimethylphthalate-d6	40	13.58	34		10	145

Surrogate Summary

SW-846

SDG No.: **BP012425**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1147-11	YE8D1	BP023729.D	Acenaphthylene-d8	40	16.13	40		15	120
			4-Nitrophenol-d4	40	5.44	14		10	150
			Fluorene-d10	40	16.57	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.14	10		10	130
			Anthracene-d10	40	16.86	42		10	150
			Pyrene-d10	40	18.33	46		10	130
			Benzo(a)pyrene-d12	40	13.22	33		10	140
Q1147-12	YE8D3	BP023730.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Pyridine-d5	40	8.09	20		20	120
			Phenol-d5	40	13.09	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.42	36		10	150
			2-Chlorophenol-d4	40	13.46	34		15	120
			4-Methylphenol-d8	40	12.92	32		10	140
			Nitrobenzene-d5	40	13.37	33		10	135
			2-Nitrophenol-d4	40	11.60	29		10	120
			2,4-Dichlorophenol-d3	40	11.91	30		10	140
			4-Chloroaniline-d4	40	11.89	30		1	145
			Dimethylphthalate-d6	40	14.26	36		10	145
			Acenaphthylene-d8	40	14.40	36		15	120
			4-Nitrophenol-d4	40	5.77	14		10	150
			Fluorene-d10	40	14.90	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.46	6	*	10	130
			Anthracene-d10	40	14.86	37		10	150
			Pyrene-d10	40	15.75	39		10	130
			Benzo(a)pyrene-d12	40	10.64	27		10	140
			Pyridine-d5	40	1.62	4	*	20	120
			1,4-Dioxane-d8	8	3.80	47		15	120
Q1148-04	XA173	BP023712.D	Phenol-d5	40	22.80	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.19	58		10	150
			2-Chlorophenol-d4	40	23.59	59		15	120
			4-Methylphenol-d8	40	22.66	57		10	140
			Nitrobenzene-d5	40	23.27	58		10	135
			2-Nitrophenol-d4	40	23.96	60		10	120
			2,4-Dichlorophenol-d3	40	29.21	73		10	140
			4-Chloroaniline-d4	40	18.39	46		1	145
			Dimethylphthalate-d6	40	28.19	70		10	145
			Acenaphthylene-d8	40	27.42	69		15	120
			4-Nitrophenol-d4	40	28.13	70		10	150
			Fluorene-d10	40	30.63	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.12	58		10	130
			Anthracene-d10	40	32.70	82		10	150
			Pyrene-d10	40	35.01	88		10	130
			Benzo(a)pyrene-d12	40	34.70	87		10	140
			1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	1.78	4	*	20	120
			Phenol-d5	40	20.85	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.50	56		10	150
Q1148-04DL	XA173DL	BP023713.D	2-Chlorophenol-d4	40	22.65	57		15	120
			4-Methylphenol-d8	40	20.91	52		10	140

Surrogate Summary

SW-846

SDG No.: BP012425

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1148-04DL	XA173DL	BP023713.D	Nitrobenzene-d5	40	22.33	56		10	135
			2-Nitrophenol-d4	40	20.80	52		10	120
			2,4-Dichlorophenol-d3	40	27.29	68		10	140
			4-Chloroaniline-d4	40	19.62	49		1	145
			Dimethylphthalate-d6	40	26.99	67		10	145
			Acenaphthylene-d8	40	26.14	65		15	120
			4-Nitrophenol-d4	40	22.71	57		10	150
			Fluorene-d10	40	28.83	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.73	37		10	130
			Anthracene-d10	40	32.08	80		10	150
			Pyrene-d10	40	32.37	81		10	130
			Benzo(a)pyrene-d12	40	31.78	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP012425

Lab Code: CHEM

SAS No.: BP012425 SDG NO.: BP012425

Lab File ID: BP023708.D

DFTPP Injection Date: 01/24/2025

Instrument ID: BNA_P

DFTPP Injection Time: 08:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	90.6
443	15.0 - 24.0% of mass 442	17.7 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020775	SSTDCCC020	BP023709.D	01/24/2025	09:31
SBLK118	PB166118BL	BP023710.D	01/24/2025	10:11
C0AD5	Q1086-22	BP023711.D	01/24/2025	10:52
XA173	Q1148-04	BP023712.D	01/24/2025	11:32
XA173DL	Q1148-04DL	BP023713.D	01/24/2025	12:49
YE8E7	Q1147-01	BP023714.D	01/24/2025	13:56
YE8E8	Q1147-02	BP023715.D	01/24/2025	14:37
YE8D2	Q1147-03	BP023716.D	01/24/2025	15:17
SBLK197	PB166197BL	BP023717.D	01/24/2025	16:39
SSTD020776	SSTDCCC020	BP023718.D	01/24/2025	17:19
SBLK197	PB166197BL	BP023719.D	01/24/2025	17:59
SBLK118	PB166118BL	BP023720.D	01/24/2025	18:40
C0B09	Q1088-10	BP023721.D	01/24/2025	19:21
YE8D4	Q1147-04	BP023722.D	01/24/2025	20:01
YE8C3	Q1147-05	BP023723.D	01/24/2025	20:41
YE8C9	Q1147-06	BP023724.D	01/24/2025	21:22
YE8C9MS	Q1147-07MS	BP023725.D	01/24/2025	22:03
YE8C9MSD	Q1147-08MSD	BP023726.D	01/24/2025	22:44

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP012425

Lab Code: CHEM

SAS No.: BP012425 SDG NO.: BP012425

Lab File ID: BP023708.D

DFTPP Injection Date: 01/24/2025

Instrument ID: BNA_P

DFTPP Injection Time: 08:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	90.6
443	15.0 - 24.0% of mass 442	17.7 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YE8D5	Q1147-09	BP023727.D	01/24/2025	23:24
YE8D0	Q1147-10	BP023728.D	01/25/2025	00:05
YE8D1	Q1147-11	BP023729.D	01/25/2025	00:46
YE8D3	Q1147-12	BP023730.D	01/25/2025	01:26
SLCS197	PB166197BS	BP023731.D	01/25/2025	02:07
SSTD020777	SSTDCCC020EC	BP023732.D	01/25/2025	02:48