

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/6/2024 12:15:24

Lab File ID: BP021392.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020730 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.530	0.010	9.6423	40.0
Benzaldehyde	0.822	1.004	0.010	22.0959	40.0
Pyridine	1.312	1.310	0.010	-0.2091	40.0
Phenol	1.650	1.601	0.080	-2.9601	20.0
Bis(2-Chloroethyl)ether	1.363	1.275	0.100	-6.4649	20.0
2-Chlorophenol	1.346	1.306	0.200	-3.0341	20.0
2-Methylphenol	1.276	1.216	0.010	-4.6823	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.922	0.010	-2.4214	40.0
Acetophenone	2.090	2.048	0.060	-2.0207	20.0
4-Methylphenol	1.367	1.313	0.010	-3.9865	20.0
N-Nitroso-di-n-propylamine	1.095	1.020	0.050	-6.8719	30.0
Hexachloroethane	0.605	0.557	0.100	-7.9391	20.0
Nitrobenzene	0.372	0.380	0.050	2.1193	25.0
Isophorone	0.740	0.690	0.050	-6.6974	25.0
2-Nitrophenol	0.185	0.179	0.050	-3.7248	25.0
2,4-Dimethylphenol	0.366	0.365	0.050	-0.1151	25.0
Bis(2-Chloroethoxy)methane	0.450	0.417	0.050	-7.232	20.0
2,4-Dichlorophenol	0.317	0.305	0.060	-3.7294	20.0
Naphthalene	1.052	1.036	0.200	-1.5293	20.0
4-Chloroaniline	0.407	0.413	0.010	1.6534	40.0
Hexachlorobutadiene	0.238	0.223	0.040	-6.1561	30.0
Caprolactam	0.098	0.119	0.010	21.4523	40.0
4-Chloro-3-methylphenol	0.344	0.344	0.040	-0.0198	25.0
1-Methylnaphthalene	0.743	0.729	0.100	-1.7954	20.0
2-Methylnaphthalene	0.722	0.696	0.100	-3.6579	20.0
Hexachlorocyclopentadiene	0.340	0.267	0.010	-21.486	40.0
2,4,6-Trichlorophenol	0.410	0.381	0.090	-7.2576	25.0
2,4,5-Trichlorophenol	0.434	0.400	0.100	-7.8994	25.0
1,1-Biphenyl	1.462	1.399	0.200	-4.2627	20.0
2-Chloronaphthalene	1.167	1.121	0.300	-3.8969	20.0
2-Nitroaniline	0.323	0.337	0.050	4.3416	40.0
Dimethylphthalate	1.475	1.422	0.300	-3.6194	20.0
2,6-Dinitrotoluene	0.295	0.281	0.080	-4.6783	30.0
Acenaphthylene	1.848	1.835	0.400	-0.7033	20.0
3-Nitroaniline	0.257	0.281	0.010	9.5661	40.0
Acenaphthene	1.227	1.222	0.200	-0.4267	20.0
2,4-Dinitrophenol	0.155	0.163	0.010	5.0708	40.0
4-Nitrophenol	0.168	0.215	0.010	27.878	40.0
Dibenzofuran	1.680	1.714	0.300	2.0391	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/6/2024 12:15:24

Lab File ID: BP021392.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020730 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.431	0.070	6.5679	30.0
Diethylphthalate	1.474	1.426	0.300	-3.3071	20.0
Fluorene	1.371	1.392	0.200	1.5325	20.0
4-Chlorophenyl-phenylether	0.744	0.722	0.100	-2.9403	20.0
4-Nitroaniline	0.213	0.268	0.010	26.0734	40.0
4,6-Dinitro-2-methylphenol	0.128	0.108	0.010	-16.0943	40.0
N-Nitrosodiphenylamine	0.582	0.542	0.050	-6.9438	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.615	0.100	-5.3108	20.0
4-Bromophenyl-phenylether	0.234	0.210	0.070	-10.4664	20.0
Hexachlorobenzene	0.269	0.249	0.050	-7.5129	25.0
Atrazine	0.212	0.208	0.010	-2.0499	25.0
Pentachlorophenol	0.146	0.129	0.010	-11.9611	40.0
Phenanthrene	1.038	1.045	0.200	0.6981	20.0
Pentachlorobenzene	0.318	0.284	0.050	-10.8651	20.0
Anthracene	1.058	1.056	0.200	-0.1339	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.278	0.050	-13.1687	20.0
Carbazole	0.865	0.938	0.050	8.5092	40.0
Di-n-butylphthalate	1.193	1.117	0.500	-6.3977	25.0
Fluoranthene	1.493	1.207	0.400	-19.1413	25.0
Pyrene	1.520	1.259	0.400	-17.1494	25.0
Butylbenzylphthalate	0.633	0.507	0.100	-19.9368	40.0
3,3-Dichlorobenzidine	0.457	0.423	0.010	-7.5034	40.0
Benzo (a) anthracene	1.401	1.358	0.300	-3.0713	30.0
Chrysene	1.302	1.283	0.200	-1.4325	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.711	0.200	-22.0062	40.0
Di-n-octyl phthalate	1.321	1.034	0.010	-21.7549	40.0
Benzo (b) fluoranthene	1.214	1.132	0.200	-6.725	25.0
Benzo (k) fluoranthene	1.211	1.162	0.200	-4.0776	25.0
Benzo (a) pyrene	1.147	1.102	0.200	-3.8775	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.399	0.200	-5.3417	25.0
Dibenzo (a,h) anthracene	1.224	1.164	0.200	-4.8993	30.0
Benzo (g,h,i) perylene	1.204	1.134	0.200	-5.8172	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.373	0.040	0.1807	20.0
1,4-Dioxane-d8	0.440	0.451	0.010	2.7264	25.0
Pyridine-d5	1.272	1.290	0.010	1.3505	40.0
Phenol-d5	1.631	1.537	0.010	-5.7593	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.972	0.050	-1.621	25.0
2-Chlorophenol-d4	1.343	1.310	0.200	-2.4785	20.0
4-Methylphenol-d8	1.354	1.214	0.010	-10.355	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/6/2024 12:15:24

Lab File ID: BP021392.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020730 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.148	0.050	-4.8736	20.0
2-Nitrophenol-d4	0.178	0.171	0.050	-3.7402	30.0
2,4-Dichlorophenol-d3	0.322	0.300	0.060	-6.5615	20.0
4-Chloroaniline-d4	0.426	0.427	0.010	0.1461	40.0
Dimethylphthalate-d6	1.454	1.428	0.300	-1.7991	20.0
Acenaphthylene-d8	1.633	1.611	0.400	-1.3219	20.0
4-Nitrophenol-d4	0.207	0.253	0.010	22.1177	40.0
Fluorene-d10	1.193	1.203	0.100	0.8753	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.099	0.010	-18.1578	40.0
Anthracene-d10	0.888	0.886	0.300	-0.2709	20.0
Pyrene-d10	1.236	1.028	0.300	-16.8522	25.0
Benzo(a)pyrene-d12	0.986	0.948	0.010	-3.879	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.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:00:01

Lab File ID: BP021402.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020731 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.520	0.010	7.4936	40.0
Benzaldehyde	0.822	0.959	0.010	16.6976	40.0
Pyridine	1.312	1.244	0.010	-5.182	40.0
Phenol	1.650	1.601	0.080	-2.9765	20.0
Bis(2-Chloroethyl)ether	1.363	1.270	0.100	-6.7881	20.0
2-Chlorophenol	1.346	1.297	0.200	-3.6668	20.0
2-Methylphenol	1.276	1.221	0.010	-4.3399	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.894	0.010	-3.8105	40.0
Acetophenone	2.090	2.024	0.060	-3.1427	20.0
4-Methylphenol	1.367	1.287	0.010	-5.8391	20.0
N-Nitroso-di-n-propylamine	1.095	0.948	0.050	-13.4114	30.0
Hexachloroethane	0.605	0.558	0.100	-7.7951	20.0
Nitrobenzene	0.372	0.372	0.050	0.0963	25.0
Isophorone	0.740	0.693	0.050	-6.277	25.0
2-Nitrophenol	0.185	0.183	0.050	-1.2207	25.0
2,4-Dimethylphenol	0.366	0.358	0.050	-1.9801	25.0
Bis(2-Chloroethoxy)methane	0.450	0.413	0.050	-8.088	20.0
2,4-Dichlorophenol	0.317	0.303	0.060	-4.5122	20.0
Naphthalene	1.052	1.036	0.200	-1.5156	20.0
4-Chloroaniline	0.407	0.411	0.010	1.1044	40.0
Hexachlorobutadiene	0.238	0.222	0.040	-6.3563	30.0
Caprolactam	0.098	0.100	0.010	2.4424	40.0
4-Chloro-3-methylphenol	0.344	0.348	0.040	1.0045	25.0
1-Methylnaphthalene	0.743	0.729	0.100	-1.8669	20.0
2-Methylnaphthalene	0.722	0.701	0.100	-2.9692	20.0
Hexachlorocyclopentadiene	0.340	0.253	0.010	-25.6525	40.0
2,4,6-Trichlorophenol	0.410	0.377	0.090	-8.1969	25.0
2,4,5-Trichlorophenol	0.434	0.399	0.100	-8.107	25.0
1,1-Biphenyl	1.462	1.398	0.200	-4.3395	20.0
2-Chloronaphthalene	1.167	1.117	0.300	-4.2826	20.0
2-Nitroaniline	0.323	0.334	0.050	3.4707	40.0
Dimethylphthalate	1.475	1.414	0.300	-4.1368	20.0
2,6-Dinitrotoluene	0.295	0.290	0.080	-1.745	30.0
Acenaphthylene	1.848	1.842	0.400	-0.3463	20.0
3-Nitroaniline	0.257	0.288	0.010	12.2891	40.0
Acenaphthene	1.227	1.223	0.200	-0.2852	20.0
2,4-Dinitrophenol	0.155	0.170	0.010	9.5544	40.0
4-Nitrophenol	0.168	0.228	0.010	35.5187	40.0
Dibenzofuran	1.680	1.704	0.300	1.4081	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:00:01

Lab File ID: BP021402.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020731 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.451	0.070	11.3921	30.0
Diethylphthalate	1.474	1.460	0.300	-0.9734	20.0
Fluorene	1.371	1.405	0.200	2.4722	20.0
4-Chlorophenyl-phenylether	0.744	0.726	0.100	-2.3485	20.0
4-Nitroaniline	0.213	0.283	0.010	33.0729	40.0
4,6-Dinitro-2-methylphenol	0.128	0.114	0.010	-11.311	40.0
N-Nitrosodiphenylamine	0.582	0.532	0.050	-8.734	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.614	0.100	-5.4355	20.0
4-Bromophenyl-phenylether	0.234	0.208	0.070	-11.2341	20.0
Hexachlorobenzene	0.269	0.250	0.050	-6.8408	25.0
Atrazine	0.212	0.206	0.010	-2.8522	25.0
Pentachlorophenol	0.146	0.117	0.010	-19.7908	40.0
Phenanthrene	1.038	1.039	0.200	0.1505	20.0
Pentachlorobenzene	0.318	0.281	0.050	-11.5167	20.0
Anthracene	1.058	1.075	0.200	1.6555	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.272	0.050	-14.9508	20.0
Carbazole	0.865	0.968	0.050	11.9902	40.0
Di-n-butylphthalate	1.193	1.138	0.500	-4.6312	25.0
Fluoranthene	1.493	1.201	0.400	-19.565	25.0
Pyrene	1.520	1.259	0.400	-17.1217	25.0
Butylbenzylphthalate	0.633	0.511	0.100	-19.3519	40.0
3,3-Dichlorobenzidine	0.457	0.423	0.010	-7.3535	40.0
Benzo (a) anthracene	1.401	1.334	0.300	-4.8088	30.0
Chrysene	1.302	1.261	0.200	-3.1137	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.728	0.200	-20.1365	40.0
Di-n-octyl phthalate	1.321	1.094	0.010	-17.2121	40.0
Benzo (b) fluoranthene	1.214	1.150	0.200	-5.2521	25.0
Benzo (k) fluoranthene	1.211	1.189	0.200	-1.8191	25.0
Benzo (a) pyrene	1.147	1.112	0.200	-3.053	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.376	0.200	-6.8697	25.0
Dibenzo (a,h) anthracene	1.224	1.146	0.200	-6.3326	30.0
Benzo (g,h,i) perylene	1.204	1.105	0.200	-8.158	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.367	0.040	-1.4204	20.0
1,4-Dioxane-d8	0.440	0.458	0.010	4.116	25.0
Pyridine-d5	1.272	1.239	0.010	-2.6401	40.0
Phenol-d5	1.631	1.531	0.010	-6.096	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.909	0.050	-8.0042	25.0
2-Chlorophenol-d4	1.343	1.307	0.200	-2.6858	20.0
4-Methylphenol-d8	1.354	1.204	0.010	-11.0971	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:00:01

Lab File ID: BP021402.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020731 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.151	0.050	-2.8334	20.0
2-Nitrophenol-d4	0.178	0.173	0.050	-2.4987	30.0
2,4-Dichlorophenol-d3	0.322	0.311	0.060	-3.1311	20.0
4-Chloroaniline-d4	0.426	0.427	0.010	0.2943	40.0
Dimethylphthalate-d6	1.454	1.422	0.300	-2.2164	20.0
Acenaphthylene-d8	1.633	1.608	0.400	-1.5259	20.0
4-Nitrophenol-d4	0.207	0.248	0.010	19.9994	40.0
Fluorene-d10	1.193	1.247	0.100	4.5892	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-9.8379	40.0
Anthracene-d10	0.888	0.905	0.300	1.9178	20.0
Pyrene-d10	1.236	1.033	0.300	-16.4397	25.0
Benzo(a)pyrene-d12	0.986	0.969	0.010	-1.7726	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.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:07:40

Lab File ID: BP021411.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020732 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.487	0.010	0.7332	40.0
Benzaldehyde	0.822	0.973	0.010	18.3928	40.0
Pyridine	1.312	1.287	0.010	-1.9591	40.0
Phenol	1.650	1.593	0.080	-3.4344	20.0
Bis(2-Chloroethyl)ether	1.363	1.275	0.100	-6.4298	20.0
2-Chlorophenol	1.346	1.302	0.200	-3.2937	20.0
2-Methylphenol	1.276	1.227	0.010	-3.8447	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.914	0.010	-2.7934	40.0
Acetophenone	2.090	2.058	0.060	-1.5373	20.0
4-Methylphenol	1.367	1.304	0.010	-4.593	20.0
N-Nitroso-di-n-propylamine	1.095	1.021	0.050	-6.7774	30.0
Hexachloroethane	0.605	0.561	0.100	-7.2784	20.0
Nitrobenzene	0.372	0.367	0.050	-1.4019	25.0
Isophorone	0.740	0.695	0.050	-6.048	25.0
2-Nitrophenol	0.185	0.179	0.050	-3.2026	25.0
2,4-Dimethylphenol	0.366	0.355	0.050	-3.0374	25.0
Bis(2-Chloroethoxy)methane	0.450	0.414	0.050	-7.9545	20.0
2,4-Dichlorophenol	0.317	0.297	0.060	-6.387	20.0
Naphthalene	1.052	1.015	0.200	-3.5207	20.0
4-Chloroaniline	0.407	0.407	0.010	-0.0233	40.0
Hexachlorobutadiene	0.238	0.220	0.040	-7.5431	30.0
Caprolactam	0.098	0.082	0.010	-15.5567	40.0
4-Chloro-3-methylphenol	0.344	0.284	0.040	-17.545	25.0
1-Methylnaphthalene	0.743	0.708	0.100	-4.6618	20.0
2-Methylnaphthalene	0.722	0.593	0.100	-17.9439	20.0
Hexachlorocyclopentadiene	0.340	0.251	0.010	-26.1593	40.0
2,4,6-Trichlorophenol	0.410	0.381	0.090	-7.1969	25.0
2,4,5-Trichlorophenol	0.434	0.405	0.100	-6.8404	25.0
1,1-Biphenyl	1.462	1.373	0.200	-6.0319	20.0
2-Chloronaphthalene	1.167	1.134	0.300	-2.7748	20.0
2-Nitroaniline	0.323	0.341	0.050	5.6152	40.0
Dimethylphthalate	1.475	1.460	0.300	-0.9989	20.0
2,6-Dinitrotoluene	0.295	0.292	0.080	-1.1394	30.0
Acenaphthylene	1.848	1.837	0.400	-0.5926	20.0
3-Nitroaniline	0.257	0.297	0.010	15.8993	40.0
Acenaphthene	1.227	1.227	0.200	-0.0112	20.0
2,4-Dinitrophenol	0.155	0.180	0.010	16.3815	40.0
4-Nitrophenol	0.168	0.203	0.010	20.5128	40.0
Dibenzofuran	1.680	1.700	0.300	1.1994	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:07:40

Lab File ID: BP021411.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020732 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.452	0.070	11.5328	30.0
Diethylphthalate	1.474	1.467	0.300	-0.4682	20.0
Fluorene	1.371	1.407	0.200	2.6054	20.0
4-Chlorophenyl-phenylether	0.744	0.726	0.100	-2.4333	20.0
4-Nitroaniline	0.213	0.290	0.010	36.5581	40.0
4,6-Dinitro-2-methylphenol	0.128	0.110	0.010	-14.213	40.0
N-Nitrosodiphenylamine	0.582	0.536	0.050	-8.0002	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.619	0.100	-4.6301	20.0
4-Bromophenyl-phenylether	0.234	0.206	0.070	-12.1161	20.0
Hexachlorobenzene	0.269	0.245	0.050	-8.8117	25.0
Atrazine	0.212	0.204	0.010	-3.6852	25.0
Pentachlorophenol	0.146	0.117	0.010	-19.5951	40.0
Phenanthrene	1.038	1.044	0.200	0.6079	20.0
Pentachlorobenzene	0.318	0.275	0.050	-13.5954	20.0
Anthracene	1.058	1.044	0.200	-1.3115	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.268	0.050	-16.2029	20.0
Carbazole	0.865	0.951	0.050	9.9824	40.0
Di-n-butylphthalate	1.193	1.095	0.500	-8.2465	25.0
Fluoranthene	1.493	1.221	0.400	-18.233	25.0
Pyrene	1.520	1.282	0.400	-15.631	25.0
Butylbenzylphthalate	0.633	0.506	0.100	-20.1023	40.0
3,3-Dichlorobenzidine	0.457	0.426	0.010	-6.7458	40.0
Benzo (a) anthracene	1.401	1.349	0.300	-3.7343	30.0
Chrysene	1.302	1.276	0.200	-1.9494	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.720	0.200	-21.0097	40.0
Di-n-octyl phthalate	1.321	0.951	0.010	-28.0363	40.0
Benzo (b) fluoranthene	1.214	1.180	0.200	-2.784	25.0
Benzo (k) fluoranthene	1.211	1.208	0.200	-0.2917	25.0
Benzo (a) pyrene	1.147	1.110	0.200	-3.2283	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.378	0.200	-6.7704	25.0
Dibenzo (a,h) anthracene	1.224	1.139	0.200	-6.8954	30.0
Benzo (g,h,i) perylene	1.204	1.111	0.200	-7.6934	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.375	0.040	0.9393	20.0
1,4-Dioxane-d8	0.440	0.451	0.010	2.6873	25.0
Pyridine-d5	1.272	1.250	0.010	-1.7402	40.0
Phenol-d5	1.631	1.526	0.010	-6.4123	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.926	0.050	-6.3183	25.0
2-Chlorophenol-d4	1.343	1.294	0.200	-3.6904	20.0
4-Methylphenol-d8	1.354	1.200	0.010	-11.4022	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG No.: BP080624

Instrument ID: BNA_P Calibration Date/Time: 8/7/2024 12:07:40

Lab File ID: BP021411.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020732 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.147	0.050	-5.5806	20.0
2-Nitrophenol-d4	0.178	0.167	0.050	-6.0797	30.0
2,4-Dichlorophenol-d3	0.322	0.308	0.060	-4.1205	20.0
4-Chloroaniline-d4	0.426	0.423	0.010	-0.7871	40.0
Dimethylphthalate-d6	1.454	1.411	0.300	-2.9257	20.0
Acenaphthylene-d8	1.633	1.628	0.400	-0.2904	20.0
4-Nitrophenol-d4	0.207	0.265	0.010	28.0291	40.0
Fluorene-d10	1.193	1.235	0.100	3.5101	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.105	0.010	-12.9566	40.0
Anthracene-d10	0.888	0.889	0.300	0.0993	20.0
Pyrene-d10	1.236	1.058	0.300	-14.3997	25.0
Benzo(a)pyrene-d12	0.986	0.980	0.010	-0.6514	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021393.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021393.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021393.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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	5.565		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.18		20-120		63	SPK: -40
4165-62-2	Phenol-d5	24.669		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.707		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.374		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.664		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.819		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.353		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.725		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.296		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.408		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.367		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.223		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	29.087		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021393.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.541		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.643		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	25.158		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.092		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157039	7.616				
1146-65-2	Naphthalene-d8	624293	10.381				
15067-26-2	Acenaphthene-d10	406646	14.263				
1517-22-2	Phenanthrene-d10	896249	17.081				
1719-03-5	Chrysene-d12	934639	21.527				
1520-96-3	Perylene-d12	1099367	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021394.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021394.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021394.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	81	U	81	130	510	ug/Kg
218-01-9	Chrysene	93	U	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021394.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116730	7.628				
1146-65-2	Naphthalene-d8	472630	10.387				
15067-26-2	Acenaphthene-d10	320525	14.269				
1517-22-2	Phenanthrene-d10	732576	17.093				
1719-03-5	Chrysene-d12	796981	21.533				
1520-96-3	Perylene-d12	989246	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021395.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021395.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021395.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	81	U	81	130	510	ug/Kg
218-01-9	Chrysene	93	U	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BP080624
Lab Sample ID:	P3456-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021395.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121966	7.628				
1146-65-2	Naphthalene-d8	471397	10.393				
15067-26-2	Acenaphthene-d10	322014	14.269				
1517-22-2	Phenanthrene-d10	718946	17.092				
1719-03-5	Chrysene-d12	796598	21.533				
1520-96-3	Perylene-d12	939967	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BP080624
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP021396.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	31		0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	1100	E	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	320	E	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	240	E	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BP080624
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP021396.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	68		1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	5	J	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	400	E	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	240	E	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	230	E	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	41		1.9	5.1	10	ug/L
85-01-8	Phenanthrene	250	E	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	30		1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	240	E	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	84	E	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BP080624
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP021396.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55		1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	15		1.1	2.6	5.1	ug/L
218-01-9	Chrysene	13		1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10		1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	6.6		1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	J	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2.6	J	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.2	J	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.024		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	9.113		20-120		23	SPK: -40
4165-62-2	Phenol-d5	7.769		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.908		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.97		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	17.435		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	26.864		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.483		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.405		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.488		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.329		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.514		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.595		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	28.536		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BP080624
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BP021396.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.116		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.69		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	23.484		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.35		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199622	7.616				
1146-65-2	Naphthalene-d8	782289	10.387				
15067-26-2	Acenaphthene-d10	534910	14.263				
1517-22-2	Phenanthrene-d10	1139342	17.092				
1719-03-5	Chrysene-d12	1166181	21.522				
1520-96-3	Perylene-d12	1373259	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	20	J			7.975	
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	9	J			12.475	
002219-78-5	Phenol, 2-ethyl-4,5-dimethyl-	10	J			12.669	
001127-76-0	Naphthalene, 1-ethyl-	17	J			13.269	
000575-43-9	Naphthalene, 1,6-dimethyl-	29	J			13.41	
000581-42-0	Naphthalene, 2,6-dimethyl-	41	J			13.569	
000571-61-9	Naphthalene, 1,5-dimethyl-	21	J			13.622	
020294-32-0	6-Methyl-4-indanol	16	J			13.769	
000575-41-7	Naphthalene, 1,3-dimethyl-	13	J			13.816	
000613-46-7	2-Naphthalenecarbonitrile	44	J			14.434	
000090-15-3	1-Naphthalenol	92	J			14.498	
000090-43-7	o-Hydroxybiphenyl	21	J			14.563	
065898-38-6	Indane-5-carboxylic acid	19	J			14.845	
026593-50-0	7-Methylnaphthalen-2-ol	22	J			15.592	
000086-55-5	1-Naphthalenecarboxylic acid	13	J			16.145	
000491-30-5	1(2H)-Isoquinolinone	6.6	J			16.457	
000132-65-0	Dibenzothiophene	7.3	J			16.892	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BP080624
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021396.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000086-77-1	2-Dibenzofuranol	9.2	J			17.71	
003770-48-7	4-Methylcarbazole	7.1	J			18.057	
006344-67-8	9H-Fluoren-3-ol	6.3	J			18.151	
046252-56-6	2-Amino-1-acenaphthenone	9.2	J			19.357	
000206-56-4	Indeno(1,2,3-ij)isoquinoline	5.9	J			19.881	
004199-89-7	5-Chloro-1,10-phenanthroline	4.4	J			19.933	
021516-07-4	Benzo[g]quinolin-4(1H)-one, 2,3-di	11	J			19.969	
000203-65-6	4H-Benzo[def]carbazole	6.8	J			20.004	
004269-15-2	4-Amino-9-fluorenone	56	J			20.163	
006344-62-3	1-Amino-9-fluorenone	4.8	J			20.657	
007132-70-9	3-Acridinol	65	J			20.833	
064884-40-8	5(4H)-Thebenidinone	11	J			22.251	
005723-54-6	Phenanthro[3,4-c]furan-1,3-dione	15	J			23.292	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BP080624
Lab Sample ID:	P3378-04	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
BP021397.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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	17		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	3.1	J	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	220	E	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	80		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	970	E	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	2300	E	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	390	E	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	700	E	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BP080624
Lab Sample ID:	P3378-04	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
BP021397.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62		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	5.9		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	180	E	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	150	E	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	120	E	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	110	E	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	20		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	240	E	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	11		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BP080624
Lab Sample ID:	P3378-04	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
BP021397.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6.2		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	1.3	J	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	3.536		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	7.496	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	9.205		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.804		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.342		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.435		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	29.131		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.915		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.924		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.186		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.376		25-130		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.416		10-130		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.284	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	21.128		25-125		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BP080624
Lab Sample ID:	P3378-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BP021397.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.258		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	23.096		25-130		58	SPK: -40
1718-52-1	Pyrene-d10	19.281		15-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.116		20-130		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190563	7.611				
1146-65-2	Naphthalene-d8	604403	10.416				
15067-26-2	Acenaphthene-d10	513363	14.257				
1517-22-2	Phenanthrene-d10	1100050	17.086				
1719-03-5	Chrysene-d12	1155827	21.527				
1520-96-3	Perylene-d12	1356356	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	78	J			7.969	
000108-68-9	Phenol, 3,5-dimethyl-	76	J			9.975	
000698-71-5	Phenol, 3-ethyl-5-methyl-	50	J			11.252	
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	69	J			12.481	
000575-37-1	Naphthalene, 1,7-dimethyl-	79	J			13.41	
020294-32-0	6-Methyl-4-indanol	40	J			13.775	
000613-46-7	2-Naphthalenecarbonitrile	72	J			14.428	
000090-15-3	1-Naphthalenol	110	J			14.498	
	unknown-01	59	J			14.728	
028556-81-2	2,6-Dimethylphenyl isocyanate	200	J			15.157	
026593-50-0	7-Methylnaphthalen-2-ol	95	J			15.628	
036556-06-6	Isoquinoline, 5,6,7,8-tetrahydro-	32	J			15.722	
000086-55-5	1-Naphthalenecarboxylic acid	150	J			16.151	
000093-09-4	2-Naphthalenecarboxylic acid	51	J			16.281	
000092-69-3	p-Hydroxybiphenyl	58	J			16.357	
000491-30-5	1(2H)-Isoquinolinone	35	J			16.457	
000059-31-4	2(1H)-Quinolinone	42	J			16.61	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BP080624
Lab Sample ID:	P3378-04	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
BP021397.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002721-59-7	2(1H)-Quinolinone, 3-methyl-	32	J			16.822	
1000502-93-2	8-Methylquinolin-2(1H)-one	39	J			16.981	
000260-94-6	Acridine	35	J			17.304	
026829-47-0	7-Methyl-1(2H)-isoquinolinone	36	J			17.41	
000086-77-1	2-Dibenzofuranol	59	J			17.651	
000262-12-4	Dibenzo-p-dioxin	46	J			17.733	
002443-58-5	2-Hydroxyfluorene	73	J			18.175	
	unknown-02	36	J			18.304	
	unknown-03	29	J			18.592	
000081-84-5	Naphthalic anhydride	31	J			19.045	
004269-15-2	4-Amino-9-fluorenone	83	J			20.192	
001740-19-8	Dehydroabietic acid	31	J			21.157	
006373-11-1	Aceanthrenequinone	33	J			23.298	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BP080624
Lab Sample ID:	P3359-17	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
BP021398.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BP080624
Lab Sample ID:	P3359-17	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
BP021398.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BP080624
Lab Sample ID:	P3359-17	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
BP021398.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.561		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.505		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.669		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.88		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	22.221		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	28		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.168		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.265		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.782		1-146		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.731		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.05		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.088		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	30.33		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BP080624
Lab Sample ID:	P3359-17	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
BP021398.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.906		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.156		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	25.694		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.854		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197852	7.616				
1146-65-2	Naphthalene-d8	805637	10.381				
15067-26-2	Acenaphthene-d10	543754	14.263				
1517-22-2	Phenanthrene-d10	1220340	17.086				
1719-03-5	Chrysene-d12	1325041	21.521				
1520-96-3	Perylene-d12	1565177	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	8	J			7.675	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.3	J			17.763	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BP080624
Lab Sample ID:	P3378-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021399.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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	2.1	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BP080624
Lab Sample ID:	P3378-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021399.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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	31		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	4.7	J	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	13		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	J	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	1.5	J	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	3.9	J	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BP080624
Lab Sample ID:	P3378-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021399.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3.3	J	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	3.826		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	7.6	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	5.901		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.769		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.252		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	15.798		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	24.734		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.799		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.929		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.77		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.304		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.089		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.47		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	28.708		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BP080624
Lab Sample ID:	P3378-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021399.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.701		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.574		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	24.546		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.233		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188543	7.61				
1146-65-2	Naphthalene-d8	783802	10.387				
15067-26-2	Acenaphthene-d10	532494	14.263				
1517-22-2	Phenanthrene-d10	1203197	17.086				
1719-03-5	Chrysene-d12	1271554	21.521				
1520-96-3	Perylene-d12	1510198	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000613-31-0	Anthracene, 9,10-dihydro-	2	J			16.145	
000057-10-3	n-Hexadecanoic acid	4.1	J			18.004	
000203-64-5	4H-Cyclopenta[def]phenanthrene	3.3	J			18.186	
007132-70-9	3-Acridinol	3.6	J			20.804	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BP080624
Lab Sample ID:	P3378-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021400.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BP080624
Lab Sample ID:	P3378-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021400.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BP080624
Lab Sample ID:	P3378-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021400.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.31		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	7.861		20-120		20	SPK: -40
4165-62-2	Phenol-d5	5.614		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.016		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.78		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	15.737		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	27.255		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.451		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.849		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.95		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.112		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.874		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.005		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.214		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BP080624
Lab Sample ID:	P3378-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021400.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.201		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	30.652		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	27.037		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.755		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186059	7.616				
1146-65-2	Naphthalene-d8	764480	10.387				
15067-26-2	Acenaphthene-d10	533474	14.257				
1517-22-2	Phenanthrene-d10	1202357	17.087				
1719-03-5	Chrysene-d12	1286210	21.528				
1520-96-3	Perylene-d12	1530565	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3.3	J			18.01	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SLCS328	SDG No.:	BP080624
Lab Sample ID:	PB162328BS	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
BP021401.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	29		1.1	5	10	ug/L
110-86-1	Pyridine	27		1.7	10	10	ug/L
108-95-2	Phenol	30		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	35		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.5	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SLCS328	SDG No.:	BP080624
Lab Sample ID:	PB162328BS	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
BP021401.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.3	2.5	5	ug/L
86-73-7	Fluorene	32		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	2.5	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	20		1.9	5	10	ug/L
85-01-8	Phenanthrene	30		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SLCS328	SDG No.:	BP080624
Lab Sample ID:	PB162328BS	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
BP021401.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	31		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.189		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	26.776		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.989		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.965		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.764		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.753		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.241		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.622		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.158		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.162		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.916		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.228		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.808		10-150		105	SPK: -40
81103-79-9	Fluorene-d10	31.932		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SLCS328	SDG No.:	BP080624
Lab Sample ID:	PB162328BS	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
BP021401.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.67		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.339		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	27.485		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.248		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186692	7.611				
1146-65-2	Naphthalene-d8	779773	10.381				
15067-26-2	Acenaphthene-d10	514554	14.257				
1517-22-2	Phenanthrene-d10	1161274	17.081				
1719-03-5	Chrysene-d12	1132915	21.516				
1520-96-3	Perylene-d12	1297597	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021403.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021403.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162328

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021403.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162328

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	5.35		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.694		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.104		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.53		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.422		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.911		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.665		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.955		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.364		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.178		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.506		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.985		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.081		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	29.797		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK328	SDG No.:	BP080624
Lab Sample ID:	PB162328BL	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
BP021403.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162328

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.428		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.747		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	25.379		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.9		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171528	7.616				
1146-65-2	Naphthalene-d8	690891	10.387				
15067-26-2	Acenaphthene-d10	456726	14.263				
1517-22-2	Phenanthrene-d10	1055816	17.086				
1719-03-5	Chrysene-d12	1138039	21.533				
1520-96-3	Perylene-d12	1352144	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20DL	SDG No.:	BP080624
Lab Sample ID:	P3329-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021404.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	76.4	770	ug/Kg
100-52-7	Benzaldehyde	520	U	520	950	3800	ug/Kg
110-86-1	Pyridine	380	U	380	1900	3800	ug/Kg
108-95-2	Phenol	500	U	500	950	3800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	460	U	460	950	3800	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	490	2000	ug/Kg
95-48-7	2-Methylphenol	450	U	450	950	3800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	690	U	690	950	3800	ug/Kg
98-86-2	Acetophenone	460	U	460	950	3800	ug/Kg
106-44-5	4-Methylphenol	430	U	430	950	3800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	590	U	590	490	2000	ug/Kg
67-72-1	Hexachloroethane	210	U	210	490	2000	ug/Kg
98-95-3	Nitrobenzene	360	U	360	490	2000	ug/Kg
78-59-1	Isophorone	560	U	560	490	2000	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	490	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	490	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	500	U	500	490	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	490	2000	ug/Kg
91-20-3	Naphthalene	1500	JD	290	490	2000	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	490	3800	ug/Kg
87-68-3	Hexachlorobutadiene	510	U	510	490	2000	ug/Kg
105-60-2	Caprolactam	830	U	830	950	3800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	570	U	570	490	2000	ug/Kg
90-12-0	1-Methylnaphthalene	380	U	380	490	2000	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	490	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	950	3800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	570	U	570	490	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	450	U	450	490	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20DL	SDG No.:	BP080624
Lab Sample ID:	P3329-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021404.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280	U	280	490	2000	ug/Kg
91-58-7	2-Chloronaphthalene	300	U	300	490	2000	ug/Kg
88-74-4	2-Nitroaniline	470	U	470	490	2000	ug/Kg
131-11-3	Dimethylphthalate	340	U	340	490	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	490	2000	ug/Kg
208-96-8	Acenaphthylene	1400	JD	370	490	2000	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	950	3800	ug/Kg
83-32-9	Acenaphthene	340	U	340	490	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	950	3800	ug/Kg
100-02-7	4-Nitrophenol	510	U	510	950	3800	ug/Kg
132-64-9	Dibenzofuran	370	U	370	490	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	500	490	2000	ug/Kg
84-66-2	Diethylphthalate	350	U	350	490	2000	ug/Kg
86-73-7	Fluorene	290	U	290	490	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	230	U	230	490	2000	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	950	3800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	890	U	890	950	3800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	380	U	380	490	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	490	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	490	2000	ug/Kg
118-74-1	Hexachlorobenzene	370	U	370	490	2000	ug/Kg
1912-24-9	Atrazine	820	U	820	950	3800	ug/Kg
87-86-5	Pentachlorophenol	860	U	860	950	3800	ug/Kg
85-01-8	Phenanthrene	670	JD	340	490	2000	ug/Kg
608-93-5	Pentachlorobenzene	600	U	600	490	2000	ug/Kg
120-12-7	Anthracene	730	JD	290	490	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	580	U	580	490	2000	ug/Kg
86-74-8	Carbazole	320	U	320	950	3800	ug/Kg
84-74-2	Di-n-butylphthalate	710	U	710	490	2000	ug/Kg
206-44-0	Fluoranthene	8200	D	630	950	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20DL	SDG No.:	BP080624
Lab Sample ID:	P3329-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021404.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000	D	570	490	2000	ug/Kg
85-68-7	Butylbenzylphthalate	970	U	970	490	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	950	3800	ug/Kg
56-55-3	Benzo(a)anthracene	9100	D	310	490	2000	ug/Kg
218-01-9	Chrysene	9600	D	360	490	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	490	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	880	U	880	950	3800	ug/Kg
205-99-2	Benzo(b)fluoranthene	12000	D	380	490	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4100	D	440	490	2000	ug/Kg
50-32-8	Benzo(a)pyrene	3300	D	370	490	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400	D	360	490	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	JD	320	490	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300	U	300	490	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	490	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.91		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.1		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.41		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.53		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.1		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	17.53		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.95		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.2		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.01		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.74		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.56		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.39		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	27.68		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20DL	SDG No.:	BP080624
Lab Sample ID:	P3329-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021404.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.41		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	26.4		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	20.35		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.72		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147257	7.628				
1146-65-2	Naphthalene-d8	617471	10.393				
15067-26-2	Acenaphthene-d10	428587	14.275				
1517-22-2	Phenanthrene-d10	967794	17.092				
1719-03-5	Chrysene-d12	1048489	21.522				
1520-96-3	Perylene-d12	1259986	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-56-8	.alpha.-Pinene	6800	JD			6.287	
005989-27-5	D-Limonene	890	JD			7.81	
000483-87-4	Phenanthrene, 1,7-dimethyl-	810	JD			18.951	
005737-13-3	Cyclopenta(def)phenanthrenone	2400	JD			19.116	
021956-56-9	Benzene, 1,3-dimethoxy-5-[(1E)-2-p	840	JD			19.98	
002381-21-7	Pyrene, 1-methyl-	1200	JD			20.104	
003442-78-2	Pyrene, 2-methyl-	1100	JD			20.286	
297758-19-1	Acridin-9-amine, 1,2,3,4-tetrahydr	2400	JD			20.398	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	930	JD			21.098	
001740-19-8	Dehydroabietic acid	1200	JD			21.133	
000479-79-8	11H-Benzo[a]fluoren-11-one	840	JD			21.28	
000514-10-3	Abietic acid	830	JD			21.439	
000192-97-2	Benzo[e]pyrene	1100	JD			24.039	
000198-55-0	Perylene	2100	JD			24.504	
E966796	Total Alkanes	280	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07DL	SDG No.:	BP080624
Lab Sample ID:	P3329-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021405.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	120	U	120	72.7	730	ug/Kg
100-52-7	Benzaldehyde	500	U	500	910	3600	ug/Kg
110-86-1	Pyridine	360	U	360	1800	3600	ug/Kg
108-95-2	Phenol	470	U	470	910	3600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	440	U	440	910	3600	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	470	1900	ug/Kg
95-48-7	2-Methylphenol	430	U	430	910	3600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	660	U	660	910	3600	ug/Kg
98-86-2	Acetophenone	440	U	440	910	3600	ug/Kg
106-44-5	4-Methylphenol	410	U	410	910	3600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	560	U	560	470	1900	ug/Kg
67-72-1	Hexachloroethane	200	U	200	470	1900	ug/Kg
98-95-3	Nitrobenzene	340	U	340	470	1900	ug/Kg
78-59-1	Isophorone	530	U	530	470	1900	ug/Kg
88-75-5	2-Nitrophenol	340	U	340	470	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	910	JD	280	470	1900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	470	U	470	470	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	180	470	1900	ug/Kg
91-20-3	Naphthalene	180000	ED	280	470	1900	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	470	3600	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	470	1900	ug/Kg
105-60-2	Caprolactam	790	U	790	910	3600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	540	U	540	470	1900	ug/Kg
90-12-0	1-Methylnaphthalene	23000	D	360	470	1900	ug/Kg
91-57-6	2-Methylnaphthalene	51000	ED	250	470	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	910	3600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	470	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	430	470	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07DL	SDG No.:	BP080624
Lab Sample ID:	P3329-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP021405.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	8900	D	260	470	1900	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	470	1900	ug/Kg
88-74-4	2-Nitroaniline	450	U	450	470	1900	ug/Kg
131-11-3	Dimethylphthalate	320	U	320	470	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	470	1900	ug/Kg
208-96-8	Acenaphthylene	1600	JD	350	470	1900	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	910	3600	ug/Kg
83-32-9	Acenaphthene	31000	ED	320	470	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	530	U	530	910	3600	ug/Kg
100-02-7	4-Nitrophenol	480	U	480	910	3600	ug/Kg
132-64-9	Dibenzofuran	27000	D	350	470	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	470	U	470	470	1900	ug/Kg
84-66-2	Diethylphthalate	330	U	330	470	1900	ug/Kg
86-73-7	Fluorene	33000	ED	280	470	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	470	1900	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	910	3600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	850	U	850	910	3600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	360	U	360	470	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	470	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	320	U	320	470	1900	ug/Kg
118-74-1	Hexachlorobenzene	350	U	350	470	1900	ug/Kg
1912-24-9	Atrazine	780	U	780	910	3600	ug/Kg
87-86-5	Pentachlorophenol	810	U	810	910	3600	ug/Kg
85-01-8	Phenanthrene	78000	ED	320	470	1900	ug/Kg
608-93-5	Pentachlorobenzene	570	U	570	470	1900	ug/Kg
120-12-7	Anthracene	28000	D	280	470	1900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	550	U	550	470	1900	ug/Kg
86-74-8	Carbazole	21000	D	310	910	3600	ug/Kg
84-74-2	Di-n-butylphthalate	670	U	670	470	1900	ug/Kg
206-44-0	Fluoranthene	37000	ED	590	910	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07DL	SDG No.:	BP080624
Lab Sample ID:	P3329-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021405.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26000	D	540	470	1900	ug/Kg
85-68-7	Butylbenzylphthalate	930	U	930	470	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	530	U	530	910	3600	ug/Kg
56-55-3	Benzo(a)anthracene	8400	D	300	470	1900	ug/Kg
218-01-9	Chrysene	7200	D	340	470	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	470	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	840	U	840	910	3600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4600	D	360	470	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800	JD	420	470	1900	ug/Kg
50-32-8	Benzo(a)pyrene	3000	D	350	470	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800	JD	340	470	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	470	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	690	JD	290	470	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	360	470	1900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.24		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	19.33		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.22		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.82		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.52		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	30.63		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	24.85		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.18		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.09		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.42		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.65		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.72		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	35.73		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07DL	SDG No.:	BP080624
Lab Sample ID:	P3329-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP021405.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	35.7		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	34.49		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.15		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151079	7.622				
1146-65-2	Naphthalene-d8	648215	10.381				
15067-26-2	Acenaphthene-d10	451077	14.263				
1517-22-2	Phenanthrene-d10	995835	17.081				
1719-03-5	Chrysene-d12	931189	21.533				
1520-96-3	Perylene-d12	1232828	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	7700	JD			6.287	
000526-73-8	Benzene, 1,2,3-trimethyl-	2700	JD			7.258	
000496-11-7	Indane	9300	JD			7.969	
000095-13-6	Indene	14000	JD			8.134	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	3000	JD			9.781	
000270-82-6	Benzo[c]thiophene	13000	JD			10.557	
000119-65-3	Isoquinoline	5800	JD			11.263	
000091-22-5	Quinoline	8000	JD			11.604	
000091-63-4	Quinoline, 2-methyl-	8500	JD			12.198	
000575-43-9	Naphthalene, 1,6-dimethyl-	3200	JD			13.416	
000581-40-8	Naphthalene, 2,3-dimethyl-	7400	JD			13.569	
000581-42-0	Naphthalene, 2,6-dimethyl-	3700	JD			13.622	
000573-98-8	Naphthalene, 1,2-dimethyl-	4900	JD			13.81	
006344-67-8	9H-Fluoren-3-ol	4400	JD			15.634	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	7500	JD			15.792	
000059-31-4	2(1H)-Quinolinone	3200	JD			16.304	
001556-99-6	9H-Fluorene, 4-methyl-	5900	JD			16.363	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07DL	SDG No.:	BP080624
Lab Sample ID:	P3329-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP021405.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	8600	JD			16.898	
000260-94-6	Acridine	7600	JD			17.304	
000086-77-1	2-Dibenzofuranol	2700	JD			17.716	
002531-84-2	Phenanthrene, 2-methyl-	6700	JD			17.998	
000832-69-9	Phenanthrene, 1-methyl-	8500	JD			18.051	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	3800	JD			18.128	
000203-64-5	4H-Cyclopenta[def]phenanthrene	13000	JD			18.192	
004505-48-0	1H-Indene, 2-phenyl-	3900	JD			18.228	
000244-63-3	9H-Pyrido[3,4-b]indole	3600	JD			18.334	
000612-94-2	Naphthalene, 2-phenyl-	4300	JD			18.51	
003674-66-6	Phenanthrene, 2,5-dimethyl-	2600	JD			18.945	
000243-17-4	11H-Benzo[b]fluorene	3500	JD			20.128	
000238-84-6	11H-Benzo[a]fluorene	2300	JD			20.227	
E966796	Total Alkanes	260	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25DL	SDG No.:	BP080624
Lab Sample ID:	P3329-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021406.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	84.1	850	ug/Kg
100-52-7	Benzaldehyde	570	U	570	1100	4200	ug/Kg
110-86-1	Pyridine	420	U	420	2100	4200	ug/Kg
108-95-2	Phenol	550	U	550	1100	4200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	510	U	510	1100	4200	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	540	2200	ug/Kg
95-48-7	2-Methylphenol	500	U	500	1100	4200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760	U	760	1100	4200	ug/Kg
98-86-2	Acetophenone	510	U	510	1100	4200	ug/Kg
106-44-5	4-Methylphenol	470	U	470	1100	4200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	650	U	650	540	2200	ug/Kg
67-72-1	Hexachloroethane	230	U	230	540	2200	ug/Kg
98-95-3	Nitrobenzene	400	U	400	540	2200	ug/Kg
78-59-1	Isophorone	610	U	610	540	2200	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	540	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	540	2200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	550	U	550	540	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	540	2200	ug/Kg
91-20-3	Naphthalene	100000	ED	320	540	2200	ug/Kg
106-47-8	4-Chloroaniline	310	U	310	540	4200	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	540	2200	ug/Kg
105-60-2	Caprolactam	920	U	920	1100	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	620	U	620	540	2200	ug/Kg
90-12-0	1-Methylnaphthalene	17000	D	420	540	2200	ug/Kg
91-57-6	2-Methylnaphthalene	38000	ED	290	540	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1100	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	620	U	620	540	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	540	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25DL	SDG No.:	BP080624
Lab Sample ID:	P3329-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021406.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	7100	D	310	540	2200	ug/Kg
91-58-7	2-Chloronaphthalene	330	U	330	540	2200	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	540	2200	ug/Kg
131-11-3	Dimethylphthalate	370	U	370	540	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	560	U	560	540	2200	ug/Kg
208-96-8	Acenaphthylene	1300	JD	410	540	2200	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	1100	4200	ug/Kg
83-32-9	Acenaphthene	31000	D	370	540	2200	ug/Kg
51-28-5	2,4-Dinitrophenol	610	U	610	1100	4200	ug/Kg
100-02-7	4-Nitrophenol	560	U	560	1100	4200	ug/Kg
132-64-9	Dibenzofuran	26000	D	410	540	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	540	2200	ug/Kg
84-66-2	Diethylphthalate	380	U	380	540	2200	ug/Kg
86-73-7	Fluorene	33000	D	320	540	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250	U	250	540	2200	ug/Kg
100-01-6	4-Nitroaniline	400	U	400	1100	4200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980	U	980	1100	4200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	420	U	420	540	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	540	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	370	540	2200	ug/Kg
118-74-1	Hexachlorobenzene	410	U	410	540	2200	ug/Kg
1912-24-9	Atrazine	900	U	900	1100	4200	ug/Kg
87-86-5	Pentachlorophenol	940	U	940	1100	4200	ug/Kg
85-01-8	Phenanthrene	81000	ED	370	540	2200	ug/Kg
608-93-5	Pentachlorobenzene	660	U	660	540	2200	ug/Kg
120-12-7	Anthracene	12000	D	320	540	2200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	640	U	640	540	2200	ug/Kg
86-74-8	Carbazole	6700	D	360	1100	4200	ug/Kg
84-74-2	Di-n-butylphthalate	780	U	780	540	2200	ug/Kg
206-44-0	Fluoranthene	36000	ED	690	1100	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25DL	SDG No.:	BP080624
Lab Sample ID:	P3329-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021406.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20000	D	620	540	2200	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	540	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1100	4200	ug/Kg
56-55-3	Benzo(a)anthracene	10000	D	340	540	2200	ug/Kg
218-01-9	Chrysene	8000	D	400	540	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	540	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	970	U	970	1100	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	6900	D	420	540	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100	JD	480	540	2200	ug/Kg
50-32-8	Benzo(a)pyrene	2300	D	410	540	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	JD	400	540	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	JD	360	540	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	U	330	540	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	540	2200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.22		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.79		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.57		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	13.87		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.11		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.61		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.3		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.92		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	21.79		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	25.95		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25DL	SDG No.:	BP080624
Lab Sample ID:	P3329-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021406.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	26.08		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	18.85		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.7		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161776	7.622				
1146-65-2	Naphthalene-d8	692393	10.381				
15067-26-2	Acenaphthene-d10	472431	14.257				
1517-22-2	Phenanthrene-d10	1030396	17.081				
1719-03-5	Chrysene-d12	1115419	21.522				
1520-96-3	Perylene-d12	1327243	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	3200	JD			7.975	
000095-13-6	Indene	2300	JD			8.152	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	1700	JD			9.769	
001127-76-0	Naphthalene, 1-ethyl-	2500	JD			13.281	
000575-43-9	Naphthalene, 1,6-dimethyl-	3800	JD			13.41	
000581-40-8	Naphthalene, 2,3-dimethyl-	5800	JD			13.575	
000575-41-7	Naphthalene, 1,3-dimethyl-	3100	JD			13.634	
000575-37-1	Naphthalene, 1,7-dimethyl-	2200	JD			13.816	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	1900	JD			14.475	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2100	JD			14.757	
001855-47-6	1-Isopropenylnaphthalene	1800	JD			15.457	
000954-21-2	Nordiphenamid	3400	JD			15.498	
000643-58-3	1,1-Biphenyl, 2-methyl-	1900	JD			15.592	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	4200	JD			15.646	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	6700	JD			15.787	
1000486-97-7	2,4,2,4-Tetramethyl-biphenyl	1500	JD			15.998	
000613-31-0	Anthracene, 9,10-dihydro-	2500	JD			16.145	

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25DL	SDG No.:	BP080624
Lab Sample ID:	P3329-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021406.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001430-97-3	9H-Fluorene, 2-methyl-	3900	JD			16.369	
042224-48-6	2-[2-Phenylethenyl]phenol	2300	JD			16.598	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	3300	JD			16.804	
000132-65-0	Dibenzothiophene	7100	JD			16.892	
002531-84-2	Phenanthrene, 2-methyl-	6800	JD			17.981	
000613-12-7	Anthracene, 2-methyl-	9000	JD			18.039	
000832-69-9	Phenanthrene, 1-methyl-	3400	JD			18.128	
000203-64-5	4H-Cyclopenta[def]phenanthrene	13000	JD			18.192	
000832-64-4	Phenanthrene, 4-methyl-	3000	JD			18.228	
000612-94-2	Naphthalene, 2-phenyl-	4500	JD			18.498	
003674-66-6	Phenanthrene, 2,5-dimethyl-	3100	JD			18.933	
000243-17-4	11H-Benzo[b]fluorene	2900	JD			20.116	
000238-84-6	11H-Benzo[a]fluorene	2400	JD			20.222	
E966796	Total Alkanes	310	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09DL	SDG No.:	BP080624
Lab Sample ID:	P3329-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021407.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	78	790	ug/Kg
100-52-7	Benzaldehyde	530	U	530	980	3900	ug/Kg
110-86-1	Pyridine	390	U	390	2000	3900	ug/Kg
108-95-2	Phenol	510	U	510	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	470	U	470	980	3900	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	500	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710	U	710	980	3900	ug/Kg
98-86-2	Acetophenone	470	U	470	980	3900	ug/Kg
106-44-5	4-Methylphenol	440	U	440	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	600	U	600	500	2000	ug/Kg
67-72-1	Hexachloroethane	210	U	210	500	2000	ug/Kg
98-95-3	Nitrobenzene	370	U	370	500	2000	ug/Kg
78-59-1	Isophorone	570	U	570	500	2000	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	510	U	510	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	500	2000	ug/Kg
91-20-3	Naphthalene	50000	ED	300	500	2000	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	500	2000	ug/Kg
105-60-2	Caprolactam	850	U	850	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	580	U	580	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	8700	D	390	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	19000	D	270	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	580	U	580	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	500	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09DL	SDG No.:	BP080624
Lab Sample ID:	P3329-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021407.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3200	D	280	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	310	U	310	500	2000	ug/Kg
88-74-4	2-Nitroaniline	480	U	480	500	2000	ug/Kg
131-11-3	Dimethylphthalate	340	U	340	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	500	2000	ug/Kg
208-96-8	Acenaphthylene	640	JD	380	500	2000	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	980	3900	ug/Kg
83-32-9	Acenaphthene	13000	D	340	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	980	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	980	3900	ug/Kg
132-64-9	Dibenzofuran	10000	D	380	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	500	2000	ug/Kg
84-66-2	Diethylphthalate	350	U	350	500	2000	ug/Kg
86-73-7	Fluorene	13000	D	300	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	500	2000	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910	U	910	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	390	U	390	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	380	U	380	500	2000	ug/Kg
1912-24-9	Atrazine	840	U	840	980	3900	ug/Kg
87-86-5	Pentachlorophenol	870	U	870	980	3900	ug/Kg
85-01-8	Phenanthrene	32000	ED	340	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	610	U	610	500	2000	ug/Kg
120-12-7	Anthracene	4600	D	300	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	590	U	590	500	2000	ug/Kg
86-74-8	Carbazole	2700	JD	330	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	720	U	720	500	2000	ug/Kg
206-44-0	Fluoranthene	13000	D	640	980	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09DL	SDG No.:	BP080624
Lab Sample ID:	P3329-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021407.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8200	D	580	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	990	U	990	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	3400	D	320	500	2000	ug/Kg
218-01-9	Chrysene	2700	D	370	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	900	U	900	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800	JD	390	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	650	JD	450	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	JD	380	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	370	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	U	310	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.18		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.6		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.99		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.25		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.21		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.5		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.12		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.05		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.88		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.59		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.12		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	31.73		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09DL	SDG No.:	BP080624
Lab Sample ID:	P3329-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021407.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.36		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	30.31		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	23.64		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.85		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163727	7.622				
1146-65-2	Naphthalene-d8	627989	10.381				
15067-26-2	Acenaphthene-d10	479793	14.263				
1517-22-2	Phenanthrene-d10	1051643	17.081				
1719-03-5	Chrysene-d12	1115939	21.527				
1520-96-3	Perylene-d12	1305448	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-56-8	.alpha.-Pinene	890	JD			6.287	
000496-11-7	Indane	1400	JD			7.975	
000095-13-6	Indene	1500	JD			8.152	
001127-76-0	Naphthalene, 1-ethyl-	1100	JD			13.275	
000575-43-9	Naphthalene, 1,6-dimethyl-	1300	JD			13.422	
000575-41-7	Naphthalene, 1,3-dimethyl-	1400	JD			13.44	
000581-40-8	Naphthalene, 2,3-dimethyl-	2600	JD			13.569	
000571-58-4	Naphthalene, 1,4-dimethyl-	980	JD			13.822	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	930	JD			14.469	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	970	JD			14.757	
001855-47-6	1-Isopropenylnaphthalene	1100	JD			15.463	
000643-58-3	1,1-Biphenyl, 2-methyl-	1400	JD			15.498	
006344-67-8	9H-Fluoren-3-ol	1600	JD			15.639	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	2400	JD			15.798	
002523-39-9	9H-Fluorene, 3-methyl-	1200	JD			16.369	
000132-65-0	Dibenzothiophene	2500	JD			16.898	
002531-84-2	Phenanthrene, 2-methyl-	2300	JD			17.992	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09DL	SDG No.:	BP080624
Lab Sample ID:	P3329-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021407.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000613-12-7	Anthracene, 2-methyl-	3100	JD			18.039	
000832-69-9	Phenanthrene, 1-methyl-	1100	JD			18.133	
000203-64-5	4H-Cyclopenta[def]phenanthrene	4600	JD			18.186	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	1100	JD			18.233	
000612-94-2	Naphthalene, 2-phenyl-	1400	JD			18.516	
003674-66-6	Phenanthrene, 2,5-dimethyl-	910	JD			18.939	
033543-31-6	Fluoranthene, 2-methyl-	1800	JD			20.122	
000243-17-4	11H-Benzo[b]fluorene	1600	JD			20.221	
002381-21-7	Pyrene, 1-methyl-	840	JD			20.286	
E966796	Total Alkanes	280	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03DL	SDG No.:	BP080624
Lab Sample ID:	P3329-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP021408.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	120	U	120	74.2	750	ug/Kg
100-52-7	Benzaldehyde	510	U	510	930	3700	ug/Kg
110-86-1	Pyridine	370	U	370	1900	3700	ug/Kg
108-95-2	Phenol	480	U	480	930	3700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	450	U	450	930	3700	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	480	1900	ug/Kg
95-48-7	2-Methylphenol	440	U	440	930	3700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670	U	670	930	3700	ug/Kg
98-86-2	Acetophenone	450	U	450	930	3700	ug/Kg
106-44-5	4-Methylphenol	420	U	420	930	3700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	570	U	570	480	1900	ug/Kg
67-72-1	Hexachloroethane	200	U	200	480	1900	ug/Kg
98-95-3	Nitrobenzene	350	U	350	480	1900	ug/Kg
78-59-1	Isophorone	540	U	540	480	1900	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	480	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	540	JD	280	480	1900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	480	U	480	480	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	180	480	1900	ug/Kg
91-20-3	Naphthalene	120000	ED	280	480	1900	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	480	3700	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	480	1900	ug/Kg
105-60-2	Caprolactam	810	U	810	930	3700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	550	U	550	480	1900	ug/Kg
90-12-0	1-Methylnaphthalene	12000	D	370	480	1900	ug/Kg
91-57-6	2-Methylnaphthalene	28000	D	260	480	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	930	3700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	550	U	550	480	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	480	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03DL	SDG No.:	BP080624
Lab Sample ID:	P3329-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP021408.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5700	D	270	480	1900	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	480	1900	ug/Kg
88-74-4	2-Nitroaniline	460	U	460	480	1900	ug/Kg
131-11-3	Dimethylphthalate	330	U	330	480	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	480	1900	ug/Kg
208-96-8	Acenaphthylene	940	JD	360	480	1900	ug/Kg
99-09-2	3-Nitroaniline	490	U	490	930	3700	ug/Kg
83-32-9	Acenaphthene	19000	D	330	480	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	540	U	540	930	3700	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	930	3700	ug/Kg
132-64-9	Dibenzofuran	17000	D	360	480	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	480	U	480	480	1900	ug/Kg
84-66-2	Diethylphthalate	340	U	340	480	1900	ug/Kg
86-73-7	Fluorene	21000	D	280	480	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	480	1900	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	930	3700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	870	U	870	930	3700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	370	U	370	480	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	480	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	480	1900	ug/Kg
118-74-1	Hexachlorobenzene	360	U	360	480	1900	ug/Kg
1912-24-9	Atrazine	800	U	800	930	3700	ug/Kg
87-86-5	Pentachlorophenol	830	U	830	930	3700	ug/Kg
85-01-8	Phenanthrene	48000	ED	330	480	1900	ug/Kg
608-93-5	Pentachlorobenzene	580	U	580	480	1900	ug/Kg
120-12-7	Anthracene	20000	D	280	480	1900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	560	U	560	480	1900	ug/Kg
86-74-8	Carbazole	13000	D	310	930	3700	ug/Kg
84-74-2	Di-n-butylphthalate	690	U	690	480	1900	ug/Kg
206-44-0	Fluoranthene	21000	D	610	930	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03DL	SDG No.:	BP080624
Lab Sample ID:	P3329-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP021408.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000	D	550	480	1900	ug/Kg
85-68-7	Butylbenzylphthalate	940	U	940	480	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540	U	540	930	3700	ug/Kg
56-55-3	Benzo(a)anthracene	5200	D	300	480	1900	ug/Kg
218-01-9	Chrysene	4300	D	350	480	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	480	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	850	U	850	930	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600	D	370	480	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	JD	430	480	1900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	JD	360	480	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	JD	350	480	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	480	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	JD	290	480	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	480	1900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.48		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.17		20-120		55	SPK: -40
4165-62-2	Phenol-d5	21.49		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.33		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.89		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	30.43		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	22.92		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.9		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.02		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.6		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.93		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.58		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	36.99		20-140		92	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03DL	SDG No.:	BP080624
Lab Sample ID:	P3329-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP021408.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.59		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	34.31		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	30.37		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.89		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157385	7.616				
1146-65-2	Naphthalene-d8	681843	10.381				
15067-26-2	Acenaphthene-d10	466233	14.263				
1517-22-2	Phenanthrene-d10	1064167	17.086				
1719-03-5	Chrysene-d12	1117173	21.527				
1520-96-3	Perylene-d12	1329996	24.809				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-56-8	.alpha.-Pinene	5500	JD			6.281	
000496-11-7	Indane	5300	JD			7.969	
000673-32-5	Benzene, 1-propynyl-	8100	JD			8.14	
004265-25-2	Benzofuran, 2-methyl-	1200	JD			9.081	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	1600	JD			9.775	
001885-38-7	2-Propenenitrile, 3-phenyl-, (E)-	2800	JD			11.263	
000119-65-3	Isoquinoline	2000	JD			11.616	
000104-85-8	Benzonitrile, 4-methyl-	1400	JD			11.945	
000939-27-5	Naphthalene, 2-ethyl-	1700	JD			13.269	
000581-42-0	Naphthalene, 2,6-dimethyl-	2300	JD			13.416	
000575-37-1	Naphthalene, 1,7-dimethyl-	4500	JD			13.569	
000581-40-8	Naphthalene, 2,3-dimethyl-	2800	JD			13.822	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1400	JD			14.751	
000644-08-6	1,1-Biphenyl, 4-methyl-	1100	JD			15.592	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	2800	JD			15.645	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	4100	JD			15.792	
000059-31-4	2(1H)-Quinolinone	1500	JD			16.292	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03DL	SDG No.:	BP080624
Lab Sample ID:	P3329-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BP021408.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001730-37-6	9H-Fluorene, 1-methyl-	3100	JD			16.375	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	1300	JD			16.804	
000132-65-0	Dibenzothiophene	4600	JD			16.898	
000260-94-6	Acridine	4800	JD			17.304	
000610-48-0	Anthracene, 1-methyl-	4300	JD			17.992	
000832-69-9	Phenanthrene, 1-methyl-	5200	JD			18.039	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	2400	JD			18.127	
000203-64-5	4H-Cyclopenta[def]phenanthrene	7200	JD			18.186	
002531-84-2	Phenanthrene, 2-methyl-	2500	JD			18.233	
004630-20-0	3-Methylcarbazole	1800	JD			18.333	
000612-94-2	Naphthalene, 2-phenyl-	2200	JD			18.51	
000243-17-4	11H-Benzo[b]fluorene	2100	JD			20.121	
002381-21-7	Pyrene, 1-methyl-	1500	JD			20.221	
E966796	Total Alkanes	270	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02DL	SDG No.:	BP080624
Lab Sample ID:	P3329-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021409.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	83.8	850	ug/Kg
100-52-7	Benzaldehyde	570	U	570	1000	4200	ug/Kg
110-86-1	Pyridine	420	U	420	2100	4200	ug/Kg
108-95-2	Phenol	550	U	550	1000	4200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	510	U	510	1000	4200	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	540	2200	ug/Kg
95-48-7	2-Methylphenol	500	U	500	1000	4200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760	U	760	1000	4200	ug/Kg
98-86-2	Acetophenone	510	U	510	1000	4200	ug/Kg
106-44-5	4-Methylphenol	470	U	470	1000	4200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	650	U	650	540	2200	ug/Kg
67-72-1	Hexachloroethane	230	U	230	540	2200	ug/Kg
98-95-3	Nitrobenzene	390	U	390	540	2200	ug/Kg
78-59-1	Isophorone	610	U	610	540	2200	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	540	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	540	2200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	550	U	550	540	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	540	2200	ug/Kg
91-20-3	Naphthalene	26000	D	320	540	2200	ug/Kg
106-47-8	4-Chloroaniline	300	U	300	540	4200	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	540	2200	ug/Kg
105-60-2	Caprolactam	910	U	910	1000	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	620	U	620	540	2200	ug/Kg
90-12-0	1-Methylnaphthalene	3900	D	420	540	2200	ug/Kg
91-57-6	2-Methylnaphthalene	8700	D	290	540	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1000	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	620	U	620	540	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	540	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02DL	SDG No.:	BP080624
Lab Sample ID:	P3329-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021409.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	JD	300	540	2200	ug/Kg
91-58-7	2-Chloronaphthalene	330	U	330	540	2200	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	540	2200	ug/Kg
131-11-3	Dimethylphthalate	370	U	370	540	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	560	U	560	540	2200	ug/Kg
208-96-8	Acenaphthylene	410	U	410	540	2200	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	1000	4200	ug/Kg
83-32-9	Acenaphthene	7200	D	370	540	2200	ug/Kg
51-28-5	2,4-Dinitrophenol	610	U	610	1000	4200	ug/Kg
100-02-7	4-Nitrophenol	560	U	560	1000	4200	ug/Kg
132-64-9	Dibenzofuran	5500	D	410	540	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	540	2200	ug/Kg
84-66-2	Diethylphthalate	380	U	380	540	2200	ug/Kg
86-73-7	Fluorene	7400	D	320	540	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250	U	250	540	2200	ug/Kg
100-01-6	4-Nitroaniline	390	U	390	1000	4200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980	U	980	1000	4200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	420	U	420	540	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	540	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	370	540	2200	ug/Kg
118-74-1	Hexachlorobenzene	410	U	410	540	2200	ug/Kg
1912-24-9	Atrazine	900	U	900	1000	4200	ug/Kg
87-86-5	Pentachlorophenol	940	U	940	1000	4200	ug/Kg
85-01-8	Phenanthrene	20000	D	370	540	2200	ug/Kg
608-93-5	Pentachlorobenzene	660	U	660	540	2200	ug/Kg
120-12-7	Anthracene	3000	D	320	540	2200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	630	U	630	540	2200	ug/Kg
86-74-8	Carbazole	2000	JD	360	1000	4200	ug/Kg
84-74-2	Di-n-butylphthalate	770	U	770	540	2200	ug/Kg
206-44-0	Fluoranthene	8000	D	690	1000	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02DL	SDG No.:	BP080624
Lab Sample ID:	P3329-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021409.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5400	D	620	540	2200	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	540	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1000	4200	ug/Kg
56-55-3	Benzo(a)anthracene	2200	D	340	540	2200	ug/Kg
218-01-9	Chrysene	1600	JD	390	540	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	540	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	960	U	960	1000	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	JD	420	540	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	JD	480	540	2200	ug/Kg
50-32-8	Benzo(a)pyrene	840	JD	410	540	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	390	540	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	360	U	360	540	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	U	330	540	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	540	2200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.17		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	18.15		20-120		45	SPK: -40
4165-62-2	Phenol-d5	13.69		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.66		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.85		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.59		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	23.61		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.5		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.29		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.04		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.83		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.47		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	34.35		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02DL	SDG No.:	BP080624
Lab Sample ID:	P3329-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021409.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.01		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	33.11		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	28.06		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.58		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163798	7.616				
1146-65-2	Naphthalene-d8	703382	10.381				
15067-26-2	Acenaphthene-d10	467166	14.263				
1517-22-2	Phenanthrene-d10	1060784	17.086				
1719-03-5	Chrysene-d12	1164571	21.533				
1520-96-3	Perylene-d12	1384345	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-43-9	Naphthalene, 1,6-dimethyl-	1700	JD			13.434	
000582-16-1	Naphthalene, 2,7-dimethyl-	1700	JD			13.581	
000569-41-5	Naphthalene, 1,8-dimethyl-	1000	JD			13.64	
007320-53-8	Dibenzofuran, 4-methyl-	1100	JD			15.651	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	1500	JD			15.798	
001430-97-3	9H-Fluorene, 2-methyl-	990	JD			16.381	
000132-65-0	Dibenzothiophene	1600	JD			16.904	
000832-69-9	Phenanthrene, 1-methyl-	1700	JD			17.998	
002531-84-2	Phenanthrene, 2-methyl-	2000	JD			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2800	JD			18.204	
000612-94-2	Naphthalene, 2-phenyl-	960	JD			18.522	
033543-31-6	Fluoranthene, 2-methyl-	1100	JD			20.127	
002381-21-7	Pyrene, 1-methyl-	990	JD			20.233	
E966796	Total Alkanes	300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01DL	SDG No.:	BP080624
Lab Sample ID:	P3329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP021410.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	77.7	780	ug/Kg
100-52-7	Benzaldehyde	530	U	530	970	3900	ug/Kg
110-86-1	Pyridine	390	U	390	1900	3900	ug/Kg
108-95-2	Phenol	510	U	510	970	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	470	U	470	970	3900	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	500	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	970	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710	U	710	970	3900	ug/Kg
98-86-2	Acetophenone	470	U	470	970	3900	ug/Kg
106-44-5	4-Methylphenol	440	U	440	970	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	600	U	600	500	2000	ug/Kg
67-72-1	Hexachloroethane	210	U	210	500	2000	ug/Kg
98-95-3	Nitrobenzene	360	U	360	500	2000	ug/Kg
78-59-1	Isophorone	560	U	560	500	2000	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	510	U	510	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	500	2000	ug/Kg
91-20-3	Naphthalene	39000	ED	290	500	2000	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	500	2000	ug/Kg
105-60-2	Caprolactam	850	U	850	970	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	580	U	580	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	18000	D	390	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	36000	ED	270	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	970	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	580	U	580	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	500	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01DL	SDG No.:	BP080624
Lab Sample ID:	P3329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021410.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	8100	D	280	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	310	U	310	500	2000	ug/Kg
88-74-4	2-Nitroaniline	480	U	480	500	2000	ug/Kg
131-11-3	Dimethylphthalate	340	U	340	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	500	2000	ug/Kg
208-96-8	Acenaphthylene	970	JD	380	500	2000	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	970	3900	ug/Kg
83-32-9	Acenaphthene	35000	ED	340	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	970	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	970	3900	ug/Kg
132-64-9	Dibenzofuran	28000	D	380	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	500	2000	ug/Kg
84-66-2	Diethylphthalate	350	U	350	500	2000	ug/Kg
86-73-7	Fluorene	37000	ED	290	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	500	2000	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	970	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910	U	910	970	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	390	U	390	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	380	U	380	500	2000	ug/Kg
1912-24-9	Atrazine	840	U	840	970	3900	ug/Kg
87-86-5	Pentachlorophenol	870	U	870	970	3900	ug/Kg
85-01-8	Phenanthrene	92000	ED	340	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	610	U	610	500	2000	ug/Kg
120-12-7	Anthracene	23000	D	290	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	590	U	590	500	2000	ug/Kg
86-74-8	Carbazole	4800	D	330	970	3900	ug/Kg
84-74-2	Di-n-butylphthalate	720	U	720	500	2000	ug/Kg
206-44-0	Fluoranthene	40000	ED	640	970	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01DL	SDG No.:	BP080624
Lab Sample ID:	P3329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP021410.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22000	D	580	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	990	U	990	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	970	3900	ug/Kg
56-55-3	Benzo(a)anthracene	12000	D	320	500	2000	ug/Kg
218-01-9	Chrysene	12000	D	360	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	890	U	890	970	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	7800	D	390	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	2800	D	450	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	2500	D	380	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	JD	360	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	550	JD	330	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	U	310	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.37		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.55		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.22		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.08		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.01		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	17.56		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.34		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.56		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.07		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.11		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	26.34		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	30.62		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01DL	SDG No.:	BP080624
Lab Sample ID:	P3329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021410.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	30.47		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	22.72		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.3		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197677	7.622				
1146-65-2	Naphthalene-d8	840617	10.381				
15067-26-2	Acenaphthene-d10	576121	14.263				
1517-22-2	Phenanthrene-d10	1044526	17.086				
1719-03-5	Chrysene-d12	1217602	21.521				
1520-96-3	Perylene-d12	1480975	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
001127-76-0	Naphthalene, 1-ethyl-	4300	JD			13.275	
000581-42-0	Naphthalene, 2,6-dimethyl-	5600	JD			13.404	
000581-40-8	Naphthalene, 2,3-dimethyl-	10000	JD			13.575	
000575-43-9	Naphthalene, 1,6-dimethyl-	6100	JD			13.628	
000571-61-9	Naphthalene, 1,5-dimethyl-	5000	JD			13.816	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	2700	JD			14.469	
002320-32-3	Benzene, [1-(2,4-cyclopentadien-1-	2400	JD			14.575	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	3100	JD			14.751	
001855-47-6	1-Isopropenyl-naphthalene	3500	JD			15.457	
000643-58-3	1,1-Biphenyl, 2-methyl-	6100	JD			15.498	
000101-81-5	Diphenylmethane	3200	JD			15.592	
007320-53-8	Dibenzofuran, 4-methyl-	7100	JD			15.634	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phenyl-	9500	JD			15.786	
1000486-97-7	2,4,2,4-Tetramethyl-biphenyl	2500	JD			15.998	
000613-31-0	Anthracene, 9,10-dihydro-	3500	JD			16.151	
002523-39-9	9H-Fluorene, 3-methyl-	6400	JD			16.369	
001430-97-3	9H-Fluorene, 2-methyl-	2800	JD			16.416	

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01DL	SDG No.:	BP080624
Lab Sample ID:	P3329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BP021410.D	10	7/22/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001730-37-6	9H-Fluorene, 1-methyl-	2300	JD			16.516	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	2500	JD			16.645	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	4400	JD			16.81	
000132-65-0	Dibenzothiophene	8100	JD			16.898	
000832-69-9	Phenanthrene, 1-methyl-	8800	JD			17.986	
002531-84-2	Phenanthrene, 2-methyl-	11000	JD			18.039	
000610-48-0	Anthracene, 1-methyl-	6700	JD			18.127	
000203-64-5	4H-Cyclopenta[def]phenanthrene	18000	JD			18.192	
000613-12-7	Anthracene, 2-methyl-	4300	JD			18.227	
000612-94-2	Naphthalene, 2-phenyl-	6300	JD			18.504	
003674-66-6	Phenanthrene, 2,5-dimethyl-	4500	JD			18.939	
000243-17-4	11H-Benzo[b]fluorene	3200	JD			20.116	
000238-84-6	11H-Benzo[a]fluorene	2900	JD			20.221	
E966796	Total Alkanes	280	U			99	ug/Kg

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SDG No.: BP080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : F7E01DL								
P3329-02DL	F7E01DL	Solid	1,1-Biphenyl, 2-methyl-	*	6,100.000	JD		
P3329-02DL	F7E01DL	Solid	1-Isopropenylnaphthalene	*	3,500.000	JD		
P3329-02DL	F7E01DL	Solid	11H-Benzo[a]fluorene	*	2,900.000	JD		
P3329-02DL	F7E01DL	Solid	11H-Benzo[b]fluorene	*	3,200.000	JD		
P3329-02DL	F7E01DL	Solid	2,4,2,4-Tetramethyl-biphenyl	*	2,500.000	JD		
P3329-02DL	F7E01DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	9,500.000	JD		
P3329-02DL	F7E01DL	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	4,400.000	JD		
P3329-02DL	F7E01DL	Solid	4-(4-Methylphenyl)benzaldehyde	*	2,500.000	JD		
P3329-02DL	F7E01DL	Solid	4H-Cyclopenta[def]phenanthrene	*	18,000.000	JD		
P3329-02DL	F7E01DL	Solid	9H-Fluorene, 1-methyl-	*	2,300.000	JD		
P3329-02DL	F7E01DL	Solid	9H-Fluorene, 2-methyl-	*	2,800.000	JD		
P3329-02DL	F7E01DL	Solid	9H-Fluorene, 3-methyl-	*	6,400.000	JD		
P3329-02DL	F7E01DL	Solid	Anthracene, 1-methyl-	*	6,700.000	JD		
P3329-02DL	F7E01DL	Solid	Anthracene, 2-methyl-	*	4,300.000	JD		
P3329-02DL	F7E01DL	Solid	Anthracene, 9,10-dihydro-	*	3,500.000	JD		
P3329-02DL	F7E01DL	Solid	Benzene, [1-(2,4-cyclopentadien-1	*	2,400.000	JD		
P3329-02DL	F7E01DL	Solid	Dibenzofuran, 4-methyl-	*	7,100.000	JD		
P3329-02DL	F7E01DL	Solid	Dibenzothiophene	*	8,100.000	JD		
P3329-02DL	F7E01DL	Solid	Diphenylmethane	*	3,200.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 1,5-dimethyl-	*	5,000.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 1,6-dimethyl-	*	6,100.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 1-ethyl-	*	4,300.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	3,100.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 2,3-dimethyl-	*	10,000.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 2,6-dimethyl-	*	5,600.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 2-(1-methylethyl)-	*	2,700.000	JD		
P3329-02DL	F7E01DL	Solid	Naphthalene, 2-phenyl-	*	6,300.000	JD		
P3329-02DL	F7E01DL	Solid	Phenanthrene, 1-methyl-	*	8,800.000	JD		
P3329-02DL	F7E01DL	Solid	Phenanthrene, 2,5-dimethyl-	*	4,500.000	JD		
P3329-02DL	F7E01DL	Solid	Phenanthrene, 2-methyl-	*	11,000.000	JD		
P3329-02DL	F7E01DL	Solid	Total Alkanes	*	0.000	D 280	2000	ug/Kg
Total Tics :					166,800.00			
P3329-02DL	F7E01DL	Solid	1,1-Biphenyl		8,100.000	D 280	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	1-Methylnaphthalene		18,000.000	D 390	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	2-Methylnaphthalene		36,000.000	ED 270	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Acenaphthene		35,000.000	ED 340	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Acenaphthylene		970.000	JD 380	2000	ug/Kg

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SDG No.: BP080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-02DL	F7E01DL	Solid	Anthracene	23,000.000	D	290	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Benzo(a)anthracene	12,000.000	D	320	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Benzo(a)pyrene	2,500.000	D	380	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Benzo(b)fluoranthene	7,800.000	D	390	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Benzo(k)fluoranthene	2,800.000	D	450	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Carbazole	4,800.000	D	330	3900	ug/Kg
P3329-02DL	F7E01DL	Solid	Chrysene	12,000.000	D	360	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Dibenzo(a,h)anthracene	550.000	JD	330	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Dibenzofuran	28,000.000	D	380	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Fluoranthene	40,000.000	ED	640	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Fluorene	37,000.000	ED	290	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Indeno(1,2,3-cd)pyrene	1,100.000	JD	360	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Naphthalene	39,000.000	ED	290	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Phenanthrene	92,000.000	ED	340	2000	ug/Kg
P3329-02DL	F7E01DL	Solid	Pyrene	22,000.000	D	580	2000	ug/Kg
Total Svoc :				422,620.00				
Total Concentration:				589,420.00				
Client ID :	F7E02DL							
P3329-03DL	F7E02DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	1,500.000	JD			
P3329-03DL	F7E02DL	Solid	4H-Cyclopenta[def]phenanthrene *	2,800.000	JD			
P3329-03DL	F7E02DL	Solid	9H-Fluorene, 2-methyl- *	990.000	JD			
P3329-03DL	F7E02DL	Solid	Dibenzofuran, 4-methyl- *	1,100.000	JD			
P3329-03DL	F7E02DL	Solid	Dibenzothiophene *	1,600.000	JD			
P3329-03DL	F7E02DL	Solid	Fluoranthene, 2-methyl- *	1,100.000	JD			
P3329-03DL	F7E02DL	Solid	Naphthalene, 1,6-dimethyl- *	1,700.000	JD			
P3329-03DL	F7E02DL	Solid	Naphthalene, 1,8-dimethyl- *	1,000.000	JD			
P3329-03DL	F7E02DL	Solid	Naphthalene, 2,7-dimethyl- *	1,700.000	JD			
P3329-03DL	F7E02DL	Solid	Naphthalene, 2-phenyl- *	960.000	JD			
P3329-03DL	F7E02DL	Solid	Phenanthrene, 1-methyl- *	1,700.000	JD			
P3329-03DL	F7E02DL	Solid	Phenanthrene, 2-methyl- *	2,000.000	JD			
P3329-03DL	F7E02DL	Solid	Pyrene, 1-methyl- *	990.000	JD			
P3329-03DL	F7E02DL	Solid	Total Alkanes *	0.000	D	300	2200	ug/Kg
Total Tics :				19,140.00				
P3329-03DL	F7E02DL	Solid	1,1-Biphenyl	1,600.000	JD	300	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	1-Methylnaphthalene	3,900.000	D	420	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	2-Methylnaphthalene	8,700.000	D	290	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Acenaphthene	7,200.000	D	370	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Anthracene	3,000.000	D	320	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Benzo(a)anthracene	2,200.000	D	340	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Benzo(a)pyrene	840.000	JD	410	2200	ug/Kg

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SDG No.: BP080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-03DL	F7E02DL	Solid	Benzo(b)fluoranthene	1,300.000	JD	420	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Benzo(k)fluoranthene	510.000	JD	480	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Carbazole	2,000.000	JD	360	4200	ug/Kg
P3329-03DL	F7E02DL	Solid	Chrysene	1,600.000	JD	390	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Dibenzofuran	5,500.000	D	410	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Fluoranthene	8,000.000	D	690	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Fluorene	7,400.000	D	320	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Naphthalene	26,000.000	D	320	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Phenanthrene	20,000.000	D	370	2200	ug/Kg
P3329-03DL	F7E02DL	Solid	Pyrene	5,400.000	D	620	2200	ug/Kg
Total Svoc :				105,150.00				
Total Concentration:				124,290.00				

Client ID : F7E03DL

P3329-04DL	F7E03DL	Solid	.alpha.-Pinene	*	5,500.000	JD		
P3329-04DL	F7E03DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	2,800.000	JD		
P3329-04DL	F7E03DL	Solid	1,1-Biphenyl, 4-methyl-	*	1,100.000	JD		
P3329-04DL	F7E03DL	Solid	11H-Benzo[b]fluorene	*	2,100.000	JD		
P3329-04DL	F7E03DL	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	2,400.000	JD		
P3329-04DL	F7E03DL	Solid	2(1H)-Quinolinone	*	1,500.000	JD		
P3329-04DL	F7E03DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	4,100.000	JD		
P3329-04DL	F7E03DL	Solid	2-Propenenitrile, 3-phenyl-, (E)-	*	2,800.000	JD		
P3329-04DL	F7E03DL	Solid	3-Methylcarbazole	*	1,800.000	JD		
P3329-04DL	F7E03DL	Solid	4-(4-Methylphenyl)benzaldehyde	*	1,300.000	JD		
P3329-04DL	F7E03DL	Solid	4H-Cyclopenta[def]phenanthrene	*	7,200.000	JD		
P3329-04DL	F7E03DL	Solid	9H-Fluorene, 1-methyl-	*	3,100.000	JD		
P3329-04DL	F7E03DL	Solid	Acridine	*	4,800.000	JD		
P3329-04DL	F7E03DL	Solid	Anthracene, 1-methyl-	*	4,300.000	JD		
P3329-04DL	F7E03DL	Solid	Benzene, 1-propynyl-	*	8,100.000	JD		
P3329-04DL	F7E03DL	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	1,600.000	JD		
P3329-04DL	F7E03DL	Solid	Benzofuran, 2-methyl-	*	1,200.000	JD		
P3329-04DL	F7E03DL	Solid	Benzonitrile, 4-methyl-	*	1,400.000	JD		
P3329-04DL	F7E03DL	Solid	Dibenzothiophene	*	4,600.000	JD		
P3329-04DL	F7E03DL	Solid	Indane	*	5,300.000	JD		
P3329-04DL	F7E03DL	Solid	Isoquinoline	*	2,000.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 1,7-dimethyl-	*	4,500.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,400.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 2,3-dimethyl-	*	2,800.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 2,6-dimethyl-	*	2,300.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 2-ethyl-	*	1,700.000	JD		
P3329-04DL	F7E03DL	Solid	Naphthalene, 2-phenyl-	*	2,200.000	JD		

Hit Summary Sheet
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SDG No.: BP080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-04DL	F7E03DL	Solid	Phenanthrene, 1-methyl-	*	5,200.000	JD		
P3329-04DL	F7E03DL	Solid	Phenanthrene, 2-methyl-	*	2,500.000	JD		
P3329-04DL	F7E03DL	Solid	Pyrene, 1-methyl-	*	1,500.000	JD		
P3329-04DL	F7E03DL	Solid	Total Alkanes	*	0.000	D 270	1900	ug/Kg
Total Tics :				93,100.00				
P3329-04DL	F7E03DL	Solid	1,1-Biphenyl		5,700.000	D 270	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	1-Methylnaphthalene		12,000.000	D 370	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	2,4-Dimethylphenol		540.000	JD 280	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	2-Methylnaphthalene		28,000.000	D 260	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Acenaphthene		19,000.000	D 330	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Acenaphthylene		940.000	JD 360	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Anthracene		20,000.000	D 280	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Benzo(a)anthracene		5,200.000	D 300	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Benzo(a)pyrene		1,700.000	JD 360	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Benzo(b)fluoranthene		2,600.000	D 370	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Benzo(g,h,i)perylene		380.000	JD 290	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Benzo(k)fluoranthene		1,000.000	JD 430	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Carbazole		13,000.000	D 310	3700	ug/Kg
P3329-04DL	F7E03DL	Solid	Chrysene		4,300.000	D 350	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Dibenzofuran		17,000.000	D 360	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Fluoranthene		21,000.000	D 610	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Fluorene		21,000.000	D 280	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Indeno(1,2,3-cd)pyrene		390.000	JD 350	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Naphthalene		120,000.000	ED 280	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Phenanthrene		48,000.000	ED 330	1900	ug/Kg
P3329-04DL	F7E03DL	Solid	Pyrene		14,000.000	D 550	1900	ug/Kg
Total Svoc :				355,750.00				
Total Concentration:				448,850.00				
Client ID : F7E07DL								
P3329-05DL	F7E07DL	Solid	11H-Benzo[a]fluorene	*	2,300.000	JD		
P3329-05DL	F7E07DL	Solid	11H-Benzo[b]fluorene	*	3,500.000	JD		
P3329-05DL	F7E07DL	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	3,800.000	JD		
P3329-05DL	F7E07DL	Solid	1H-Indene, 2-phenyl-	*	3,900.000	JD		
P3329-05DL	F7E07DL	Solid	2(1H)-Quinolinone	*	3,200.000	JD		
P3329-05DL	F7E07DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	7,500.000	JD		
P3329-05DL	F7E07DL	Solid	2-Dibenzofuranol	*	2,700.000	JD		
P3329-05DL	F7E07DL	Solid	4H-Cyclopenta[def]phenanthrene	*	13,000.000	JD		
P3329-05DL	F7E07DL	Solid	9H-Fluoren-3-ol	*	4,400.000	JD		
P3329-05DL	F7E07DL	Solid	9H-Fluorene, 4-methyl-	*	5,900.000	JD		
P3329-05DL	F7E07DL	Solid	9H-Pyrido[3,4-b]indole	*	3,600.000	JD		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-05DL	F7E07DL	Solid	Acridine	* 7,600.000	JD			
P3329-05DL	F7E07DL	Solid	Benzene, 1,2,3-trimethyl-	* 2,700.000	JD			
P3329-05DL	F7E07DL	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	* 3,000.000	JD			
P3329-05DL	F7E07DL	Solid	Benzo[c]thiophene	* 13,000.000	JD			
P3329-05DL	F7E07DL	Solid	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	* 7,700.000	JD			
P3329-05DL	F7E07DL	Solid	Dibenzothiophene	* 8,600.000	JD			
P3329-05DL	F7E07DL	Solid	Indane	* 9,300.000	JD			
P3329-05DL	F7E07DL	Solid	Indene	* 14,000.000	JD			
P3329-05DL	F7E07DL	Solid	Isoquinoline	* 5,800.000	JD			
P3329-05DL	F7E07DL	Solid	Naphthalene, 1,2-dimethyl-	* 4,900.000	JD			
P3329-05DL	F7E07DL	Solid	Naphthalene, 1,6-dimethyl-	* 3,200.000	JD			
P3329-05DL	F7E07DL	Solid	Naphthalene, 2,3-dimethyl-	* 7,400.000	JD			
P3329-05DL	F7E07DL	Solid	Naphthalene, 2,6-dimethyl-	* 3,700.000	JD			
P3329-05DL	F7E07DL	Solid	Naphthalene, 2-phenyl-	* 4,300.000	JD			
P3329-05DL	F7E07DL	Solid	Phenanthrene, 1-methyl-	* 8,500.000	JD			
P3329-05DL	F7E07DL	Solid	Phenanthrene, 2,5-dimethyl-	* 2,600.000	JD			
P3329-05DL	F7E07DL	Solid	Phenanthrene, 2-methyl-	* 6,700.000	JD			
P3329-05DL	F7E07DL	Solid	Quinoline	* 8,000.000	JD			
P3329-05DL	F7E07DL	Solid	Quinoline, 2-methyl-	* 8,500.000	JD			
P3329-05DL	F7E07DL	Solid	Total Alkanes	* 0.000	D 260		1900	ug/Kg
Total Tics :				183,300.00				
P3329-05DL	F7E07DL	Solid	1,1-Biphenyl	8,900.000	D 260		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	1-Methylnaphthalene	23,000.000	D 360		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	2,4-Dimethylphenol	910.000	JD 280		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	2-Methylnaphthalene	51,000.000	ED 250		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Acenaphthene	31,000.000	ED 320		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Acenaphthylene	1,600.000	JD 350		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Anthracene	28,000.000	D 280		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Benzo(a)anthracene	8,400.000	D 300		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Benzo(a)pyrene	3,000.000	D 350		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Benzo(b)fluoranthene	4,600.000	D 360		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Benzo(g,h,i)perylene	690.000	JD 290		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Benzo(k)fluoranthene	1,800.000	JD 420		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Carbazole	21,000.000	D 310		3600	ug/Kg
P3329-05DL	F7E07DL	Solid	Chrysene	7,200.000	D 340		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Dibenzofuran	27,000.000	D 350		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Fluoranthene	37,000.000	ED 590		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Fluorene	33,000.000	ED 280		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Indeno(1,2,3-cd)pyrene	800.000	JD 340		1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Naphthalene	180,000.000	ED 280		1900	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-05DL	F7E07DL	Solid	Phenanthrene	78,000.000	ED	320	1900	ug/Kg
P3329-05DL	F7E07DL	Solid	Pyrene	26,000.000	D	540	1900	ug/Kg
Total Svoc :				572,900.00				
Total Concentration:				756,200.00				
Client ID : F7E09DL								
P3329-07DL	F7E09DL	Solid	.alpha.-Pinene	*	890.000	JD		
P3329-07DL	F7E09DL	Solid	1,1-Biphenyl, 2-methyl-	*	1,400.000	JD		
P3329-07DL	F7E09DL	Solid	1-Isopropenylnaphthalene	*	1,100.000	JD		
P3329-07DL	F7E09DL	Solid	11H-Benzo[b]fluorene	*	1,600.000	JD		
P3329-07DL	F7E09DL	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	1,100.000	JD		
P3329-07DL	F7E09DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	2,400.000	JD		
P3329-07DL	F7E09DL	Solid	4H-Cyclopenta[def]phenanthrene	*	4,600.000	JD		
P3329-07DL	F7E09DL	Solid	9H-Fluoren-3-ol	*	1,600.000	JD		
P3329-07DL	F7E09DL	Solid	9H-Fluorene, 3-methyl-	*	1,200.000	JD		
P3329-07DL	F7E09DL	Solid	Anthracene, 2-methyl-	*	3,100.000	JD		
P3329-07DL	F7E09DL	Solid	Dibenzothiophene	*	2,500.000	JD		
P3329-07DL	F7E09DL	Solid	Fluoranthene, 2-methyl-	*	1,800.000	JD		
P3329-07DL	F7E09DL	Solid	Indane	*	1,400.000	JD		
P3329-07DL	F7E09DL	Solid	Indene	*	1,500.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 1,3-dimethyl-	*	1,400.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 1,4-dimethyl-	*	980.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 1,6-dimethyl-	*	1,300.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 1-ethyl-	*	1,100.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	970.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 2,3-dimethyl-	*	2,600.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 2-(1-methylethyl)-	*	930.000	JD		
P3329-07DL	F7E09DL	Solid	Naphthalene, 2-phenyl-	*	1,400.000	JD		
P3329-07DL	F7E09DL	Solid	Phenanthrene, 1-methyl-	*	1,100.000	JD		
P3329-07DL	F7E09DL	Solid	Phenanthrene, 2,5-dimethyl-	*	910.000	JD		
P3329-07DL	F7E09DL	Solid	Phenanthrene, 2-methyl-	*	2,300.000	JD		
P3329-07DL	F7E09DL	Solid	Pyrene, 1-methyl-	*	840.000	JD		
P3329-07DL	F7E09DL	Solid	Total Alkanes	*	0.000	D 280	2000	ug/Kg
Total Tics :				42,020.00				
P3329-07DL	F7E09DL	Solid	1,1-Biphenyl		3,200.000	D 280	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	1-Methylnaphthalene		8,700.000	D 390	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	2-Methylnaphthalene		19,000.000	D 270	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Acenaphthene		13,000.000	D 340	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Acenaphthylene		640.000	JD 380	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Anthracene		4,600.000	D 300	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Benzo(a)anthracene		3,400.000	D 320	2000	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-07DL	F7E09DL	Solid	Benzo(a)pyrene	1,100.000	JD	380	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Benzo(b)fluoranthene	1,800.000	JD	390	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Benzo(k)fluoranthene	650.000	JD	450	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Carbazole	2,700.000	JD	330	3900	ug/Kg
P3329-07DL	F7E09DL	Solid	Chrysene	2,700.000	D	370	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Dibenzofuran	10,000.000	D	380	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Fluoranthene	13,000.000	D	640	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Fluorene	13,000.000	D	300	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Naphthalene	50,000.000	ED	300	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Phenanthrene	32,000.000	ED	340	2000	ug/Kg
P3329-07DL	F7E09DL	Solid	Pyrene	8,200.000	D	580	2000	ug/Kg
Total Svoc :				187,690.00				
Total Concentration:				229,710.00				
Client ID : F7E20DL								
P3329-12DL	F7E20DL	Solid	.alpha.-Pinene	*	6,800.000	JD		
P3329-12DL	F7E20DL	Solid	11H-Benzo[a]fluoren-11-one	*	840.000	JD		
P3329-12DL	F7E20DL	Solid	Abietic acid	*	830.000	JD		
P3329-12DL	F7E20DL	Solid	Acridin-9-amine, 1,2,3,4-tetrahyd	*	2,400.000	JD		
P3329-12DL	F7E20DL	Solid	Benzene, 1,3-dimethoxy-5-[(1E)-2	*	840.000	JD		
P3329-12DL	F7E20DL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	930.000	JD		
P3329-12DL	F7E20DL	Solid	Benzo[e]pyrene	*	1,100.000	JD		
P3329-12DL	F7E20DL	Solid	Cyclopenta(def)phenanthrenone	*	2,400.000	JD		
P3329-12DL	F7E20DL	Solid	D-Limonene	*	890.000	JD		
P3329-12DL	F7E20DL	Solid	Dehydroabietic acid	*	1,200.000	JD		
P3329-12DL	F7E20DL	Solid	Perylene	*	2,100.000	JD		
P3329-12DL	F7E20DL	Solid	Phenanthrene, 1,7-dimethyl-	*	810.000	JD		
P3329-12DL	F7E20DL	Solid	Pyrene, 1-methyl-	*	1,200.000	JD		
P3329-12DL	F7E20DL	Solid	Pyrene, 2-methyl-	*	1,100.000	JD		
P3329-12DL	F7E20DL	Solid	Total Alkanes	*	0.000	D 280	2000	ug/Kg
Total Tics :				23,440.00				
P3329-12DL	F7E20DL	Solid	Acenaphthylene		1,400.000	JD 370	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Anthracene		730.000	JD 290	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Benzo(a)anthracene		9,100.000	D 310	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Benzo(a)pyrene		3,300.000	D 370	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Benzo(b)fluoranthene		12,000.000	D 380	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Benzo(k)fluoranthene		4,100.000	D 440	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Chrysene		9,600.000	D 360	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Dibenzo(a,h)anthracene		1,100.000	JD 320	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Fluoranthene		8,200.000	D 630	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Indeno(1,2,3-cd)pyrene		2,400.000	D 360	2000	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-12DL	F7E20DL	Solid	Naphthalene	1,500.000	JD	290	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Phenanthrene	670.000	JD	340	2000	ug/Kg
P3329-12DL	F7E20DL	Solid	Pyrene	14,000.000	D	570	2000	ug/Kg
Total Svoc :				68,100.00				
Total Concentration:				91,540.00				
Client ID : F7E25DL								
P3329-17DL	F7E25DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	4,200.000	JD			
P3329-17DL	F7E25DL	Solid	1,1-Biphenyl, 2-methyl- *	1,900.000	JD			
P3329-17DL	F7E25DL	Solid	1-Isopropenyl-naphthalene *	1,800.000	JD			
P3329-17DL	F7E25DL	Solid	11H-Benzo[a]fluorene *	2,400.000	JD			
P3329-17DL	F7E25DL	Solid	11H-Benzo[b]fluorene *	2,900.000	JD			
P3329-17DL	F7E25DL	Solid	2,4,2,4-Tetramethyl-biphenyl *	1,500.000	JD			
P3329-17DL	F7E25DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	6,700.000	JD			
P3329-17DL	F7E25DL	Solid	2-[2-Phenylethenyl]phenol *	2,300.000	JD			
P3329-17DL	F7E25DL	Solid	4-(4-Methylphenyl)benzaldehyde *	3,300.000	JD			
P3329-17DL	F7E25DL	Solid	4H-Cyclopenta[def]phenanthrene *	13,000.000	JD			
P3329-17DL	F7E25DL	Solid	9H-Fluorene, 2-methyl- *	3,900.000	JD			
P3329-17DL	F7E25DL	Solid	Anthracene, 2-methyl- *	9,000.000	JD			
P3329-17DL	F7E25DL	Solid	Anthracene, 9,10-dihydro- *	2,500.000	JD			
P3329-17DL	F7E25DL	Solid	Benzene, 2-ethenyl-1,4-dimethyl- *	1,700.000	JD			
P3329-17DL	F7E25DL	Solid	Dibenzothiophene *	7,100.000	JD			
P3329-17DL	F7E25DL	Solid	Indane *	3,200.000	JD			
P3329-17DL	F7E25DL	Solid	Indene *	2,300.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 1,3-dimethyl- *	3,100.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 1,6-dimethyl- *	3,800.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 1,7-dimethyl- *	2,200.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 1-ethyl- *	2,500.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 2,3,6-trimethyl- *	2,100.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 2,3-dimethyl- *	5,800.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 2-(1-methylethyl)- *	1,900.000	JD			
P3329-17DL	F7E25DL	Solid	Naphthalene, 2-phenyl- *	4,500.000	JD			
P3329-17DL	F7E25DL	Solid	Nordiphenamid *	3,400.000	JD			
P3329-17DL	F7E25DL	Solid	Phenanthrene, 1-methyl- *	3,400.000	JD			
P3329-17DL	F7E25DL	Solid	Phenanthrene, 2,5-dimethyl- *	3,100.000	JD			
P3329-17DL	F7E25DL	Solid	Phenanthrene, 2-methyl- *	6,800.000	JD			
P3329-17DL	F7E25DL	Solid	Phenanthrene, 4-methyl- *	3,000.000	JD			
P3329-17DL	F7E25DL	Solid	Total Alkanes	0.000	D	310	2200	ug/Kg
Total Tics :				115,300.00				
P3329-17DL	F7E25DL	Solid	1,1-Biphenyl	7,100.000	D	310	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	1-Methylnaphthalene	17,000.000	D	420	2200	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-17DL	F7E25DL	Solid	2-Methylnaphthalene	38,000.000	ED	290	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Acenaphthene	31,000.000	D	370	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Acenaphthylene	1,300.000	JD	410	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Anthracene	12,000.000	D	320	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Benzo(a)anthracene	10,000.000	D	340	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Benzo(a)pyrene	2,300.000	D	410	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Benzo(b)fluoranthene	6,900.000	D	420	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Benzo(k)fluoranthene	2,100.000	JD	480	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Carbazole	6,700.000	D	360	4200	ug/Kg
P3329-17DL	F7E25DL	Solid	Chrysene	8,000.000	D	400	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Dibenzo(a,h)anthracene	470.000	JD	360	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Dibenzofuran	26,000.000	D	410	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Fluoranthene	36,000.000	ED	690	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Fluorene	33,000.000	D	320	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Indeno(1,2,3-cd)pyrene	900.000	JD	400	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Naphthalene	100,000.000	ED	320	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Phenanthrene	81,000.000	ED	370	2200	ug/Kg
P3329-17DL	F7E25DL	Solid	Pyrene	20,000.000	D	620	2200	ug/Kg

Total Svoc : 439,770.00

Total Concentration: 555,070.00

Client ID : E1GF6

P3359-17	E1GF6	Water	1-Hexanol, 2-ethyl-	*	8.000	J		
P3359-17	E1GF6	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.300	J		
P3359-17	E1GF6	Water	Total Alkanes	*	0.000	1.1	5	ug/L

Total Tics : 11.30

P3359-17	E1GF6	Water	Benzaldehyde		1.600	J 1.1	10	ug/L
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Total Svoc : 1.60

Total Concentration: 12.90

Client ID : C0AX2

P3378-01	C0AX2	Water	3-Acridinol	*	3.600	J		
P3378-01	C0AX2	Water	4H-Cyclopenta[def]phenanthrene	*	3.300	J		
P3378-01	C0AX2	Water	Anthracene, 9,10-dihydro-	*	2.000	J		
P3378-01	C0AX2	Water	n-Hexadecanoic acid	*	4.100	J		
P3378-01	C0AX2	Water	Total Alkanes	*	0.000	1.1	5	ug/L

Total Tics : 13.00

P3378-01	C0AX2	Water	1-Methylnaphthalene		2.100	J 0.91	5	ug/L
P3378-01	C0AX2	Water	Acenaphthene		31.000	0.96	5	ug/L
P3378-01	C0AX2	Water	Anthracene		1.100	J 1.1	5	ug/L
P3378-01	C0AX2	Water	Carbazole		1.500	J 1.1	10	ug/L
P3378-01	C0AX2	Water	Dibenzofuran		4.700	J 1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-01	C0AX2	Water	Fluoranthene	3.900	J	1.9	5	ug/L
P3378-01	C0AX2	Water	Fluorene	13.000		0.94	5	ug/L
P3378-01	C0AX2	Water	Pyrene	3.300	J	1.8	5	ug/L
Total Svoc :				60.60				
Total Concentration:				73.60				
Client ID : C0AX7								
P3378-02	C0AX7	Water	1(2H)-Isoquinolinone	*	6.600	J		
P3378-02	C0AX7	Water	1-Amino-9-fluorenone	*	4.800	J		
P3378-02	C0AX7	Water	1-Naphthalenecarboxylic acid	*	13.000	J		
P3378-02	C0AX7	Water	1-Naphthalenol	*	92.000	J		
P3378-02	C0AX7	Water	1H-Inden-5-ol, 2,3-dihydro-	*	9.000	J		
P3378-02	C0AX7	Water	2-Amino-1-acenaphthenone	*	9.200	J		
P3378-02	C0AX7	Water	2-Dibenzofuranol	*	9.200	J		
P3378-02	C0AX7	Water	2-Naphthalenecarbonitrile	*	44.000	J		
P3378-02	C0AX7	Water	3-Acridinol	*	65.000	J		
P3378-02	C0AX7	Water	4-Amino-9-fluorenone	*	56.000	J		
P3378-02	C0AX7	Water	4-Methylcarbazole	*	7.100	J		
P3378-02	C0AX7	Water	4H-Benzo[def]carbazole	*	6.800	J		
P3378-02	C0AX7	Water	5(4H)-Thebenidinone	*	11.000	J		
P3378-02	C0AX7	Water	5-Chloro-1,10-phenanthroline	*	4.400	J		
P3378-02	C0AX7	Water	6-Methyl-4-indanol	*	16.000	J		
P3378-02	C0AX7	Water	7-Methylnaphthalen-2-ol	*	22.000	J		
P3378-02	C0AX7	Water	9H-Fluoren-3-ol	*	6.300	J		
P3378-02	C0AX7	Water	Benzo[g]quinolin-4(1H)-one, 2,3-	*	11.000	J		
P3378-02	C0AX7	Water	Dibenzothiophene	*	7.300	J		
P3378-02	C0AX7	Water	Indane	*	20.000	J		
P3378-02	C0AX7	Water	Indane-5-carboxylic acid	*	19.000	J		
P3378-02	C0AX7	Water	Indeno(1,2,3-ij)isoquinoline	*	5.900	J		
P3378-02	C0AX7	Water	Naphthalene, 1,3-dimethyl-	*	13.000	J		
P3378-02	C0AX7	Water	Naphthalene, 1,5-dimethyl-	*	21.000	J		
P3378-02	C0AX7	Water	Naphthalene, 1,6-dimethyl-	*	29.000	J		
P3378-02	C0AX7	Water	Naphthalene, 1-ethyl-	*	17.000	J		
P3378-02	C0AX7	Water	Naphthalene, 2,6-dimethyl-	*	41.000	J		
P3378-02	C0AX7	Water	o-Hydroxybiphenyl	*	21.000	J		
P3378-02	C0AX7	Water	Phenanthro[3,4-c]furan-1,3-dione	*	15.000	J		
P3378-02	C0AX7	Water	Phenol, 2-ethyl-4,5-dimethyl-	*	10.000	J		
P3378-02	C0AX7	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :				612.60				
P3378-02	C0AX7	Water	1,1-Biphenyl		68.000	1.1	5.1	ug/L
P3378-02	C0AX7	Water	1-Methylnaphthalene		320.000	E 0.93	5.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BP080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-02	C0AX7	Water	2,3,4,6-Tetrachlorophenol	3.200	J	1.5	5.1	ug/L
P3378-02	C0AX7	Water	2,4-Dimethylphenol	31.000		0.7	5.1	ug/L
P3378-02	C0AX7	Water	2-Methylnaphthalene	240.000	E	1.1	5.1	ug/L
P3378-02	C0AX7	Water	Acenaphthene	400.000	E	0.98	5.1	ug/L
P3378-02	C0AX7	Water	Acenaphthylene	5.000	J	1.2	5.1	ug/L
P3378-02	C0AX7	Water	Anthracene	30.000		1.1	5.1	ug/L
P3378-02	C0AX7	Water	Benzo(a)anthracene	15.000		1.1	5.1	ug/L
P3378-02	C0AX7	Water	Benzo(a)pyrene	6.600		1.1	5.1	ug/L
P3378-02	C0AX7	Water	Benzo(b)fluoranthene	10.000		1.4	5.1	ug/L
P3378-02	C0AX7	Water	Benzo(g,h,i)perylene	2.600	J	1.2	5.1	ug/L
P3378-02	C0AX7	Water	Benzo(k)fluoranthene	3.600	J	1.4	5.1	ug/L
P3378-02	C0AX7	Water	Carbazole	240.000	E	1.1	10	ug/L
P3378-02	C0AX7	Water	Chrysene	13.000		1.1	5.1	ug/L
P3378-02	C0AX7	Water	Dibenzofuran	240.000	E	1.1	5.1	ug/L
P3378-02	C0AX7	Water	Fluoranthene	84.000	E	1.9	5.1	ug/L
P3378-02	C0AX7	Water	Fluorene	230.000	E	0.96	5.1	ug/L
P3378-02	C0AX7	Water	Indeno(1,2,3-cd)pyrene	2.300	J	1.4	5.1	ug/L
P3378-02	C0AX7	Water	Naphthalene	1,100.000	E	0.96	5.1	ug/L
P3378-02	C0AX7	Water	Pentachlorophenol	41.000		1.9	10	ug/L
P3378-02	C0AX7	Water	Phenanthrene	250.000	E	1.2	5.1	ug/L
P3378-02	C0AX7	Water	Pyrene	55.000		1.8	5.1	ug/L
Total Svoc :				3,390.30				
Total Concentration:				4,002.90				
Client ID : C0AY3								
P3378-03	C0AY3	Water	n-Hexadecanoic acid	*	3.300	J		
P3378-03	C0AY3	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :				3.30				
Total Concentration:				3.30				
Client ID : C0AY7								
P3378-04	C0AY7	Water	1(2H)-Isoquinolinone	*	35.000	J		
P3378-04	C0AY7	Water	1-Naphthalenecarboxylic acid	*	150.000	J		
P3378-04	C0AY7	Water	1-Naphthalenol	*	110.000	J		
P3378-04	C0AY7	Water	1H-Inden-5-ol, 2,3-dihydro-	*	69.000	J		
P3378-04	C0AY7	Water	2(1H)-Quinolinone	*	42.000	J		
P3378-04	C0AY7	Water	2(1H)-Quinolinone, 3-methyl-	*	32.000	J		
P3378-04	C0AY7	Water	2,6-Dimethylphenyl isocyanate	*	200.000	J		
P3378-04	C0AY7	Water	2-Dibenzofuranol	*	59.000	J		
P3378-04	C0AY7	Water	2-Hydroxyfluorene	*	73.000	J		
P3378-04	C0AY7	Water	2-Naphthalenecarbonitrile	*	72.000	J		

Hit Summary Sheet SW-846

SDG No.: BP080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-04	C0AY7	Water	2-Naphthalenecarboxylic acid	*	51.000	J		
P3378-04	C0AY7	Water	4-Amino-9-fluorenone	*	83.000	J		
P3378-04	C0AY7	Water	6-Methyl-4-indanol	*	40.000	J		
P3378-04	C0AY7	Water	7-Methyl-1(2H)-isoquinolinone	*	36.000	J		
P3378-04	C0AY7	Water	7-Methylnaphthalen-2-ol	*	95.000	J		
P3378-04	C0AY7	Water	8-Methylquinolin-2(1H)-one	*	39.000	J		
P3378-04	C0AY7	Water	Aceanthrenequinone	*	33.000	J		
P3378-04	C0AY7	Water	Acridine	*	35.000	J		
P3378-04	C0AY7	Water	Dehydroabiatic acid	*	31.000	J		
P3378-04	C0AY7	Water	Dibenzo-p-dioxin	*	46.000	J		
P3378-04	C0AY7	Water	Indane	*	78.000	J		
P3378-04	C0AY7	Water	Isoquinoline, 5,6,7,8-tetrahydro-	*	32.000	J		
P3378-04	C0AY7	Water	Naphthalene, 1,7-dimethyl-	*	79.000	J		
P3378-04	C0AY7	Water	Naphthalic anhydride	*	31.000	J		
P3378-04	C0AY7	Water	p-Hydroxybiphenyl	*	58.000	J		
P3378-04	C0AY7	Water	Phenol, 3,5-dimethyl-	*	76.000	J		
P3378-04	C0AY7	Water	Phenol, 3-ethyl-5-methyl-	*	50.000	J		
P3378-04	C0AY7	Water	unknown-01	*	59.000	J		
P3378-04	C0AY7	Water	unknown-02	*	36.000	J		
P3378-04	C0AY7	Water	unknown-03	*	29.000	J		
P3378-04	C0AY7	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				1,859.00				
P3378-04	C0AY7	Water	1,1-Biphenyl		62.000	1.1	5	ug/L
P3378-04	C0AY7	Water	1-Methylnaphthalene		390.000	E 0.91	5	ug/L
P3378-04	C0AY7	Water	2,4-Dimethylphenol		970.000	E 0.69	5	ug/L
P3378-04	C0AY7	Water	2-Chlorophenol		3.100	J 0.91	5	ug/L
P3378-04	C0AY7	Water	2-Methylnaphthalene		700.000	E 1.1	5	ug/L
P3378-04	C0AY7	Water	2-Methylphenol		220.000	E 1.5	10	ug/L
P3378-04	C0AY7	Water	4-Methylphenol		80.000	1.7	10	ug/L
P3378-04	C0AY7	Water	Acenaphthene		180.000	E 0.96	5	ug/L
P3378-04	C0AY7	Water	Acenaphthylene		5.900	1.2	5	ug/L
P3378-04	C0AY7	Water	Anthracene		20.000	1.1	5	ug/L
P3378-04	C0AY7	Water	Benzo(a)anthracene		1.300	J 1.1	5	ug/L
P3378-04	C0AY7	Water	Carbazole		240.000	E 1.1	10	ug/L
P3378-04	C0AY7	Water	Dibenzofuran		150.000	E 1.1	5	ug/L
P3378-04	C0AY7	Water	Fluoranthene		11.000	1.9	5	ug/L
P3378-04	C0AY7	Water	Fluorene		120.000	E 0.94	5	ug/L
P3378-04	C0AY7	Water	Naphthalene		2,300.000	E 0.94	5	ug/L
P3378-04	C0AY7	Water	Phenanthrene		110.000	E 1.2	5	ug/L
P3378-04	C0AY7	Water	Phenol		17.000	1.6	10	ug/L

Hit Summary Sheet
SW-846

SDG No.: BP080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-04	C0AY7	Water	Pyrene	6.200	1.8		5	ug/L
Total Svoc :				5,586.50				
Total Concentration:				7,445.50				
Client ID :	SVOC-GPC-BLANK							
P3456-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	72	510	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	SVOC-GPC2-BLANK							
P3456-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	72	510	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020646 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 16:11

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	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
01 SBLK328	157039	7.62	624293	10.38	406646	14.26
02 SVOC-GPC2-BLANK	116730	7.63	472630	10.39	320525	14.27
03 SVOC-GPC-BLANK	121966	7.63	471397	10.39	322014	14.27
04 C0AX7	199622	7.62	782289	10.39	534910	14.26
05 C0AY7	190563	7.61	604403	10.42	513363	14.26
06 E1GF6	197852	7.62	805637	10.38	543754	14.26
07 C0AX2	188543	7.61	783802	10.39	532494	14.26
08 C0AY3	186059	7.62	764480	10.39	533474	14.26
09 SLCS328	186692	7.61	779773	10.38	514554	14.26
10 SBLK328	171528	7.62	690891	10.39	456726	14.26
11 F7E20DL	147257	7.63	617471	10.39	428587	14.28
12 F7E07DL	151079	7.62	648215	10.38	451077	14.26
13 F7E25DL	161776	7.62	692393	10.38	472431	14.26
14 F7E09DL	163727	7.62	627989	10.38	479793	14.26
15 F7E03DL	157385	7.62	681843	10.38	466233	14.26
16 F7E02DL	163798	7.62	703382	10.38	467166	14.26
17 F7E01DL	197677	7.62	840617	10.38	576121	14.26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020646 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 06:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						

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.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020730 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BP021392.D Time Analyzed: 16:11

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	129938	7.599	536258	10.36	360423	14.25
UPPER LIMIT	259876	8.099	1072516	10.863	720846	14.751
LOWER LIMIT	64969	7.099	268129	9.863	180211.5	13.751
EPA SAMPLE NO.						
01 SBLK328	157039	7.62	624293	10.38	406646	14.26
02 SVOC-GPC2-BLANK	116730	7.63	472630	10.39	320525	14.27
03 SVOC-GPC-BLANK	121966	7.63	471397	10.39	322014	14.27
04 C0AX7	199622	7.62	782289	10.39	534910	14.26
05 C0AY7	190563	7.61	604403	10.42	513363	14.26
06 E1GF6	197852	7.62	805637	10.38	543754	14.26
07 C0AX2	188543	7.61	783802	10.39	532494	14.26
08 C0AY3	186059	7.62	764480	10.39	533474	14.26
09 SLCS328	186692	7.61	779773	10.38	514554	14.26

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020731 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BP021402.D Time Analyzed: 00:48

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	152931	7.616	623248	10.38	421094	14.26
UPPER LIMIT	305862	8.116	1246496	10.881	842188	14.763
LOWER LIMIT	76465.5	7.116	311624	9.881	210547	13.763
EPA SAMPLE NO.						
01 SBLK328	171528	7.62	690891	10.39	456726	14.26
02 F7E20DL	147257	7.63	617471	10.39	428587	14.28
03 F7E07DL	151079	7.62	648215	10.38	451077	14.26
04 F7E25DL	161776	7.62	692393	10.38	472431	14.26
05 F7E09DL	163727	7.62	627989	10.38	479793	14.26
06 F7E03DL	157385	7.62	681843	10.38	466233	14.26
07 F7E02DL	163798	7.62	703382	10.38	467166	14.26
08 F7E01DL	197677	7.62	840617	10.38	576121	14.26

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020646 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 16:11

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	1.18434e+0	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
01	SBLK328	896249	17.08	934639	21.53	1.09937e+	24.82
02	SVOC-GPC2-BLANK	732576	17.09	796981	21.53	989246	24.81
03	SVOC-GPC-BLANK	718946	17.09	796598	21.53	939967	24.82
04	C0AX7	1.13934	17.09	1.16618e+	21.52	1.37326e+	24.80
05	C0AY7	1.10005	17.09	1.15583e+	21.53	1.35636e+	24.81
06	E1GF6	1.22034	17.09	1.32504e+	21.52	1.56518e+	24.82
07	C0AX2	1.2032e	17.09	1.27155e+	21.52	1.5102e+0	24.80
08	C0AY3	1.20236	17.09	1.28621e+	21.53	1.53057e+	24.81
09	SLCS328	1.16127	17.08	1.13292e+	21.52	1.2976e+0	24.80
10	SBLK328	1.05582	17.09	1.13804e+	21.53	1.35214e+	24.82
11	F7E20DL	967794	17.09	1.04849e+	21.52	1.25999e+	24.82
12	F7E07DL	995835	17.08	931189	21.53	1.23283e+	24.83
13	F7E25DL	1.0304e	17.08	1.11542e+	21.52	1.32724e+	24.80
14	F7E09DL	1.05164	17.08	1.11594e+	21.53	1.30545e+	24.81
15	F7E03DL	1.06417	17.09	1.11717e+	21.53	1.33e+006	24.81
16	F7E02DL	1.06078	17.09	1.16457e+	21.53	1.38435e+	24.80
17	F7E01DL	1.04453	17.09	1.2176e+0	21.52	1.48098e+	24.80

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020646 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 06:09

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18434e+0	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						

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.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020730 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BP021392.D Time Analyzed: 16:11

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	790410	17.087	844905	21.533	1.03683e+01	24.839
UPPER LIMIT	1580820	17.587	1689810	22.033	2073660	25.339
LOWER LIMIT	395205	16.587	422452.5	21.033	518415	24.339
EPA SAMPLE NO.						
01 SBLK328	896249	17.08	934639	21.53	1.09937e+	24.82
02 SVOC-GPC2-BLANK	732576	17.09	796981	21.53	989246	24.81
03 SVOC-GPC-BLANK	718946	17.09	796598	21.53	939967	24.82
04 C0AX7	1.13934	17.09	1.16618e+	21.52	1.37326e+	24.80
05 C0AY7	1.10005	17.09	1.15583e+	21.53	1.35636e+	24.81
06 E1GF6	1.22034	17.09	1.32504e+	21.52	1.56518e+	24.82
07 C0AX2	1.2032e	17.09	1.27155e+	21.52	1.5102e+0	24.80
08 C0AY3	1.20236	17.09	1.28621e+	21.53	1.53057e+	24.81
09 SLCS328	1.16127	17.08	1.13292e+	21.52	1.2976e+0	24.80

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.: BP080624 SAS No.: BP080624 SDG NO.: BP080624

EPA Sample No.: SSTD020731 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BP021402.D Time Analyzed: 00:48

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	944419	17.081	1.03851e+	21.522	1.21001e+01	24.827
UPPER LIMIT	1888838	17.581	2077020	22.022	2420020	25.327
LOWER LIMIT	472209.5	16.581	519255	21.022	605005	24.327
EPA SAMPLE NO.						
01 SBLK328	1.05582	17.09	1.13804e+	21.53	1.35214e+	24.82
02 F7E20DL	967794	17.09	1.04849e+	21.52	1.25999e+	24.82
03 F7E07DL	995835	17.08	931189	21.53	1.23283e+	24.83
04 F7E25DL	1.0304e	17.08	1.11542e+	21.52	1.32724e+	24.80
05 F7E09DL	1.05164	17.08	1.11594e+	21.53	1.30545e+	24.81
06 F7E03DL	1.06417	17.09	1.11717e+	21.53	1.33e+006	24.81
07 F7E02DL	1.06078	17.09	1.16457e+	21.53	1.38435e+	24.80
08 F7E01DL	1.04453	17.09	1.2176e+0	21.52	1.48098e+	24.80

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.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162328BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	29	ug/L	73				0	0		
	Pyridine	40	27	ug/L	68				0	0		
	Phenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	29	ug/L	73				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	30	ug/L	75				0	0		
	4-Methylphenol	40	30	ug/L	75				0	0		
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0		
	Hexachloroethane	40	28	ug/L	70				0	0		
	Nitrobenzene	40	30	ug/L	75				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	31	ug/L	78				0	0		
	2,4-Dimethylphenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	30	ug/L	75				0	0		
	Naphthalene	40	29	ug/L	73				0	0		
	4-Chloroaniline	40	27	ug/L	68				0	0		
	Hexachlorobutadiene	40	28	ug/L	70				0	0		
	Caprolactam	40	35	ug/L	88				0	0		
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0		
	1-Methylnaphthalene	40	29	ug/L	73				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	8.5	ug/L	21				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	29	ug/L	73				0	0		
	2-Chloronaphthalene	40	29	ug/L	73				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	31	ug/L	78				0	0		
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	37	ug/L	93				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	32	ug/L	80				0	0		
	4-Nitrophenol	40	34	ug/L	85				0	0		
	Dibenzofuran	40	31	ug/L	78				0	0		
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0		
	Diethylphthalate	40	31	ug/L	78				0	0		
	Fluorene	40	32	ug/L	80				0	0		
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0		
	4-Nitroaniline	40	47	ug/L	117				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP080624**

Client: _____

Analytical Method: **SFAM_SVOC**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162328BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	2.5	ug/L	6				0	0		
	Pentachlorophenol	40	20	ug/L	50				0	0		
	Phenanthrene	40	30	ug/L	75				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	30	ug/L	75				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	31	ug/L	78				0	0		
	Chrysene	40	31	ug/L	78				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	29	ug/L	73				0	0		
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK328

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080624

SAS No.: BP080624 SDG NO.: BP080624

Lab File ID: BP021393.D

Lab Sample ID: PB162328BL

Instrument ID: BNA_P

Date Extracted: 07/29/2024

Matrix: (soil/water) Water

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 16:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AX7	P3378-02	BP021396.D	08/06/2024
C0AY7	P3378-04	BP021397.D	08/06/2024
E1GF6	P3359-17	BP021398.D	08/06/2024
C0AX2	P3378-01	BP021399.D	08/06/2024
C0AY3	P3378-03	BP021400.D	08/06/2024
PB162328BS	PB162328BS	BP021401.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080624

SAS No.: BP080624 SDG NO.: BP080624

Lab File ID: BP021395.D

Lab Sample ID: P3456-05

Instrument ID: BNA_P

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P3456-05	BP021395.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080624

SAS No.: BP080624 SDG NO.: BP080624

Lab File ID: BP021394.D

Lab Sample ID: P3456-10

Instrument ID: BNA_P

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 16:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P3456-10	BP021394.D	08/06/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: _____

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
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Lab Sample ID:

Client Sample ID:

DataFile:

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-02DL	F7E01DL	BP021410.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.55	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.22	58		10	150
			2-Chlorophenol-d4	40	21.08	53		15	120
			4-Methylphenol-d8	40	22.01	55		10	140
			Nitrobenzene-d5	40	17.56	44		10	135
			2-Nitrophenol-d4	40	17.34	43		10	120
			2,4-Dichlorophenol-d3	40	21.56	54		10	140
			4-Chloroaniline-d4	40	28.07	70		1	145
			Dimethylphthalate-d6	40	30.11	75		10	145
			Acenaphthylene-d8	40	26.34	66		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	30.62	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	30.47	76		10	150
			Pyrene-d10	40	22.72	57		10	130
			Benzo(a)pyrene-d12	40	18.30	46		10	140
P3329-03DL	F7E02DL	BP021409.D	1,4-Dioxane-d8	8	5.17	65		15	120
			Pyridine-d5	40	18.15	45		20	120
			Phenol-d5	40	13.69	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.66	62		10	150
			2-Chlorophenol-d4	40	23.85	60		15	120
			4-Methylphenol-d8	40	23.59	59		10	140
			Nitrobenzene-d5	40	23.61	59		10	135
			2-Nitrophenol-d4	40	23.50	59		10	120
			2,4-Dichlorophenol-d3	40	21.29	53		10	140
			4-Chloroaniline-d4	40	25.04	63		1	145
			Dimethylphthalate-d6	40	30.83	77		10	145
			Acenaphthylene-d8	40	29.47	74		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	34.35	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.01	25		10	130
			Anthracene-d10	40	33.11	83		10	150
			Pyrene-d10	40	28.06	70		10	130
			Benzo(a)pyrene-d12	40	31.58	79		10	140
P3329-04DL	F7E03DL	BP021408.D	1,4-Dioxane-d8	8	5.48	69		15	120
			Pyridine-d5	40	22.17	55		20	120
			Phenol-d5	40	21.49	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.33	61		10	150
			2-Chlorophenol-d4	40	27.89	70		15	120
			4-Methylphenol-d8	40	30.43	76		10	140
			Nitrobenzene-d5	40	22.92	57		10	135
			2-Nitrophenol-d4	40	25.90	65		10	120
			2,4-Dichlorophenol-d3	40	28.02	70		10	140
			4-Chloroaniline-d4	40	28.60	72		1	145
			Dimethylphthalate-d6	40	33.93	85		10	145
			Acenaphthylene-d8	40	31.58	79		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-04DL	F7E03DL	BP021408.D	Fluorene-d10	40	36.99	92		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.59	26		10	130
			Anthracene-d10	40	34.31	86		10	150
			Pyrene-d10	40	30.37	76		10	130
			Benzo(a)pyrene-d12	40	34.89	87		10	140
P3329-05DL	F7E07DL	BP021405.D	1,4-Dioxane-d8	8	6.24	78		15	120
			Pyridine-d5	40	19.33	48		20	120
			Phenol-d5	40	21.22	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.82	60		10	150
			2-Chlorophenol-d4	40	27.52	69		15	120
			4-Methylphenol-d8	40	30.63	77		10	140
			Nitrobenzene-d5	40	24.85	62		10	135
			2-Nitrophenol-d4	40	25.18	63		10	120
			2,4-Dichlorophenol-d3	40	28.09	70		10	140
			4-Chloroaniline-d4	40	34.42	86		1	145
			Dimethylphthalate-d6	40	34.65	87		10	145
			Acenaphthylene-d8	40	31.72	79		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	35.73	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	35.70	89		10	150
			Pyrene-d10	40	34.49	86		10	130
			Benzo(a)pyrene-d12	40	36.15	90		10	140
P3329-07DL	F7E09DL	BP021407.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.60	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.99	65		10	150
			2-Chlorophenol-d4	40	24.25	61		15	120
			4-Methylphenol-d8	40	24.21	61		10	140
			Nitrobenzene-d5	40	23.50	59		10	135
			2-Nitrophenol-d4	40	24.12	60		10	120
			2,4-Dichlorophenol-d3	40	25.05	63		10	140
			4-Chloroaniline-d4	40	28.88	72		1	145
			Dimethylphthalate-d6	40	28.59	71		10	145
			Acenaphthylene-d8	40	27.12	68		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	31.73	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.36	23		10	130
			Anthracene-d10	40	30.31	76		10	150
			Pyrene-d10	40	23.64	59		10	130
			Benzo(a)pyrene-d12	40	29.85	75		10	140
P3329-12DL	F7E20DL	BP021404.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.10	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.41	54		10	150
			2-Chlorophenol-d4	40	20.53	51		15	120
			4-Methylphenol-d8	40	20.10	50		10	140
			Nitrobenzene-d5	40	17.53	44		10	135
			2-Nitrophenol-d4	40	16.95	42		10	120

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-12DL	F7E20DL	BP021404.D	2,4-Dichlorophenol-d3	40	19.20	48		10	140
			4-Chloroaniline-d4	40	11.01	28		1	145
			Dimethylphthalate-d6	40	22.74	57		10	145
			Acenaphthylene-d8	40	22.56	56		15	120
			4-Nitrophenol-d4	40	19.39	48		10	150
			Fluorene-d10	40	27.68	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.41	29		10	130
			Anthracene-d10	40	26.40	66		10	150
			Pyrene-d10	40	20.35	51		10	130
			Benzo(a)pyrene-d12	40	17.72	44		10	140
P3329-17DL	F7E25DL	BP021406.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.00	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.22	48		10	150
			2-Chlorophenol-d4	40	16.79	42		15	120
			4-Methylphenol-d8	40	17.57	44		10	140
			Nitrobenzene-d5	40	13.87	35		10	135
			2-Nitrophenol-d4	40	16.11	40		10	120
			2,4-Dichlorophenol-d3	40	16.61	42		10	140
			4-Chloroaniline-d4	40	27.30	68		1	145
			Dimethylphthalate-d6	40	23.92	60		10	145
			Acenaphthylene-d8	40	21.79	54		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	25.95	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	26.08	65		10	150
			Pyrene-d10	40	18.85	47		10	130
			Benzo(a)pyrene-d12	40	16.70	42		10	140

Surrogate Summary

SW-846

SDG No.: **BP080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-17	E1GF6	BP021398.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.51	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.67	69		25	120
			2-Chlorophenol-d4	40	27.88	70		20	130
			4-Methylphenol-d8	40	22.22	56		25	125
			Nitrobenzene-d5	40	28.00	70		20	125
			2-Nitrophenol-d4	40	29.17	73		20	130
			2,4-Dichlorophenol-d3	40	27.27	68		20	120
			4-Chloroaniline-d4	40	2.78	7		1	146
			Dimethylphthalate-d6	40	28.73	72		25	130
			Acenaphthylene-d8	40	27.05	68		10	130
			4-Nitrophenol-d4	40	12.09	30		10	150
			Fluorene-d10	40	30.33	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.91	57		10	130
			Anthracene-d10	40	29.16	73		25	130
			Pyrene-d10	40	25.69	64		15	130
			Benzo(a)pyrene-d12	40	29.85	75		20	130
P3378-01	C0AX2	BP021399.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	7.60	19	*	20	120
			Phenol-d5	40	5.90	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.77	59		25	120
			2-Chlorophenol-d4	40	22.25	56		20	130
			4-Methylphenol-d8	40	15.80	39		25	125
			Nitrobenzene-d5	40	24.73	62		20	125
			2-Nitrophenol-d4	40	24.80	62		20	130
			2,4-Dichlorophenol-d3	40	24.93	62		20	120
			4-Chloroaniline-d4	40	19.77	49		1	146
			Dimethylphthalate-d6	40	27.30	68		25	130
			Acenaphthylene-d8	40	26.09	65		10	130
			4-Nitrophenol-d4	40	7.47	19		10	150
			Fluorene-d10	40	28.71	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.70	54		10	130
			Anthracene-d10	40	27.57	69		25	130
			Pyrene-d10	40	24.55	61		15	130
			Benzo(a)pyrene-d12	40	28.23	71		20	130
P3378-02	C0AX7	BP021396.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	9.11	23		20	120
			Phenol-d5	40	7.77	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.91	62		25	120
			2-Chlorophenol-d4	40	22.97	57		20	130
			4-Methylphenol-d8	40	17.44	44		25	125
			Nitrobenzene-d5	40	26.86	67		20	125
			2-Nitrophenol-d4	40	26.48	66		20	130
			2,4-Dichlorophenol-d3	40	27.41	69		20	120
			4-Chloroaniline-d4	40	23.49	59		1	146
			Dimethylphthalate-d6	40	26.33	66		25	130
			Acenaphthylene-d8	40	25.51	64		10	130
			4-Nitrophenol-d4	40	11.60	29		10	150

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3378-02	C0AX7	BP021396.D	Fluorene-d10	40	28.54	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.12	50		10	130
			Anthracene-d10	40	25.69	64		25	130
			Pyrene-d10	40	23.48	59		15	130
			Benzo(a)pyrene-d12	40	27.35	68		20	130
P3378-03	C0AY3	BP021400.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	7.86	20		20	120
			Phenol-d5	40	5.61	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.02	65		25	120
			2-Chlorophenol-d4	40	22.78	57		20	130
			4-Methylphenol-d8	40	15.74	39		25	125
			Nitrobenzene-d5	40	27.26	68		20	125
			2-Nitrophenol-d4	40	27.45	69		20	130
			2,4-Dichlorophenol-d3	40	24.85	62		20	120
			4-Chloroaniline-d4	40	23.95	60		1	146
			Dimethylphthalate-d6	40	30.11	75		25	130
			Acenaphthylene-d8	40	28.87	72		10	130
			4-Nitrophenol-d4	40	7.01	18		10	150
			Fluorene-d10	40	31.21	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.20	56		10	130
			Anthracene-d10	40	30.65	77		25	130
			Pyrene-d10	40	27.04	68		15	130
			Benzo(a)pyrene-d12	40	32.76	82		20	130
			Pyridine-d5	40	7.50	19	*	20	120
			1,4-Dioxane-d8	8	3.54	44		15	120
P3378-04	C0AY7	BP021397.D	Phenol-d5	40	9.21	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.80	50		25	120
			2-Chlorophenol-d4	40	20.34	51		20	130
			4-Methylphenol-d8	40	18.44	46		25	125
			Nitrobenzene-d5	40	29.13	73		20	125
			2-Nitrophenol-d4	40	27.92	70		20	130
			2,4-Dichlorophenol-d3	40	26.92	67		20	120
			4-Chloroaniline-d4	40	22.19	55		1	146
			Dimethylphthalate-d6	40	22.38	56		25	130
			Acenaphthylene-d8	40	21.42	54		10	130
			4-Nitrophenol-d4	40	3.28	8	*	10	150
			Fluorene-d10	40	21.13	53		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.26	33		10	130
			Anthracene-d10	40	23.10	58		25	130
			Pyrene-d10	40	19.28	48		15	130
			Benzo(a)pyrene-d12	40	22.12	55		20	130
PB162328BL	PB162328BL	BP021393.D	1,4-Dioxane-d8	8	5.57	70		15	120
			Pyridine-d5	40	25.18	63		20	120
		BP021403.D	Pyridine-d5	40	24.69	62		20	120
			1,4-Dioxane-d8	8	5.35	67		15	120
		BP021393.D	Phenol-d5	40	25.10	63		10	130
			Phenol-d5	40	24.67	62		10	130
		BP021403.D	Bis(2-Chloroethyl)ether-d8	40	25.71	64		25	120
			Bis(2-Chloroethyl)ether-d8	40	25.53	64		25	120

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162328BL	PB162328BL	BP021403.D	2-Chlorophenol-d4	40	25.42	64		20	130
			2-Chlorophenol-d4	40	25.37	63		20	130
			4-Methylphenol-d8	40	24.66	62		25	125
		BP021403.D	4-Methylphenol-d8	40	24.91	62		25	125
			Nitrobenzene-d5	40	25.67	64		20	125
			Nitrobenzene-d5	40	25.82	65		20	125
		BP021403.D	2-Nitrophenol-d4	40	26.35	66		20	130
			2-Nitrophenol-d4	40	26.96	67		20	130
			2,4-Dichlorophenol-d3	40	24.36	61		20	120
		BP021393.D	2,4-Dichlorophenol-d3	40	23.73	59		20	120
			4-Chloroaniline-d4	40	26.30	66		1	146
			4-Chloroaniline-d4	40	26.18	65		1	146
		BP021393.D	Dimethylphthalate-d6	40	28.51	71		25	130
			Dimethylphthalate-d6	40	28.41	71		25	130
			Acenaphthylene-d8	40	27.37	68		10	130
		BP021403.D	Acenaphthylene-d8	40	27.99	70		10	130
			4-Nitrophenol-d4	40	28.08	70		10	150
			4-Nitrophenol-d4	40	27.22	68		10	150
		BP021403.D	Fluorene-d10	40	29.09	73		25	125
			Fluorene-d10	40	29.80	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.43	51		10	130
		BP021393.D	4,6-Dinitro-2-methylphenol-d2	40	20.54	51		10	130
			Anthracene-d10	40	28.64	72		25	130
			Anthracene-d10	40	28.75	72		25	130
		BP021393.D	Pyrene-d10	40	25.38	63		15	130
			Pyrene-d10	40	25.16	63		15	130
			Benzo(a)pyrene-d12	40	29.09	73		20	130
		BP021403.D	Benzo(a)pyrene-d12	40	28.90	72		20	130
PB162328BS	PB162328BS	BP021401.D	Pyridine-d5	40	26.78	67		20	120
			1,4-Dioxane-d8	8	6.19	77		15	120
			Phenol-d5	40	28.99	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.97	70		25	120
			2-Chlorophenol-d4	40	27.76	69		20	130
			4-Methylphenol-d8	40	27.75	69		25	125
			Nitrobenzene-d5	40	29.24	73		20	125
			2-Nitrophenol-d4	40	29.62	74		20	130
			2,4-Dichlorophenol-d3	40	29.16	73		20	120
			4-Chloroaniline-d4	40	27.16	68		1	146
			Dimethylphthalate-d6	40	30.92	77		25	130
			Acenaphthylene-d8	40	30.23	76		10	130
			4-Nitrophenol-d4	40	41.81	105		10	150
			Fluorene-d10	40	31.93	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.67	74		10	130
			Anthracene-d10	40	29.34	73		25	130
			Pyrene-d10	40	27.49	69		15	130
			Benzo(a)pyrene-d12	40	31.25	78		20	130

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3456-05	SVOC-GPC-BLANBP021395.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BP080624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3456-10	SVOC-GPC2-BLA1BP021394.D		Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080624

Lab Code: CHEM

SAS No.: BP080624 SDG NO.: BP080624

Lab File ID: BP021391.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.2
443	15.0 - 24.0% of mass 442	18 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020730	SSTDCCC020	BP021392.D	08/06/2024	15:24
SBLK328	PB162328BL	BP021393.D	08/06/2024	16:11
SVOC-GPC2-BLANK	P3456-10	BP021394.D	08/06/2024	16:57
SVOC-GPC-BLANK	P3456-05	BP021395.D	08/06/2024	17:44
C0AX7	P3378-02	BP021396.D	08/06/2024	18:32
C0AY7	P3378-04	BP021397.D	08/06/2024	19:20
E1GF6	P3359-17	BP021398.D	08/06/2024	20:07
C0AX2	P3378-01	BP021399.D	08/06/2024	20:54
C0AY3	P3378-03	BP021400.D	08/06/2024	21:41
SLCS328	PB162328BS	BP021401.D	08/06/2024	22:28
SSTD020731	SSTDCCC020	BP021402.D	08/07/2024	00:01
SBLK328	PB162328BL	BP021403.D	08/07/2024	00:48
F7E20DL	P3329-12DL	BP021404.D	08/07/2024	01:34
F7E07DL	P3329-05DL	BP021405.D	08/07/2024	02:20
F7E25DL	P3329-17DL	BP021406.D	08/07/2024	03:06
F7E09DL	P3329-07DL	BP021407.D	08/07/2024	03:52
F7E03DL	P3329-04DL	BP021408.D	08/07/2024	04:38
F7E02DL	P3329-03DL	BP021409.D	08/07/2024	05:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080624

Lab Code: CHEM

SAS No.: BP080624

SDG NO.: BP080624

Lab File ID: BP021391.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.2
443	15.0 - 24.0% of mass 442	18 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
F7E01DL	P3329-02DL	BP021410.D	08/07/2024	06:09
SSTD020732	SSTDCCC020	BP021411.D	08/07/2024	07:40