

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:09:30

Lab File ID: BP021337.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020724 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	0.492	0.010	1.7303	40.0
Benzaldehyde	0.822	0.940	0.010	14.396	40.0
Pyridine	1.312	1.234	0.010	-5.9815	40.0
Phenol	1.650	1.510	0.080	-8.4625	20.0
Bis(2-Chloroethyl)ether	1.363	1.243	0.100	-8.8408	20.0
2-Chlorophenol	1.346	1.268	0.200	-5.8529	20.0
2-Methylphenol	1.276	1.168	0.010	-8.4677	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.864	0.010	-5.3471	40.0
Acetophenone	2.090	1.889	0.060	-9.6347	20.0
4-Methylphenol	1.367	1.209	0.010	-11.568	20.0
N-Nitroso-di-n-propylamine	1.095	0.935	0.050	-14.5976	30.0
Hexachloroethane	0.605	0.573	0.100	-5.3449	20.0
Nitrobenzene	0.372	0.359	0.050	-3.5189	25.0
Isophorone	0.740	0.668	0.050	-9.6966	25.0
2-Nitrophenol	0.185	0.178	0.050	-3.8756	25.0
2,4-Dimethylphenol	0.366	0.348	0.050	-4.7334	25.0
Bis(2-Chloroethoxy)methane	0.450	0.411	0.050	-8.6674	20.0
2,4-Dichlorophenol	0.317	0.295	0.060	-7.0309	20.0
Naphthalene	1.052	0.992	0.200	-5.7314	20.0
4-Chloroaniline	0.407	0.387	0.010	-4.8633	40.0
Hexachlorobutadiene	0.238	0.220	0.040	-7.3884	30.0
Caprolactam	0.098	0.096	0.010	-1.9584	40.0
4-Chloro-3-methylphenol	0.344	0.320	0.040	-6.9749	25.0
1-Methylnaphthalene	0.743	0.673	0.100	-9.3663	20.0
2-Methylnaphthalene	0.722	0.672	0.100	-6.8803	20.0
Hexachlorocyclopentadiene	0.340	0.239	0.010	-29.796	40.0
2,4,6-Trichlorophenol	0.410	0.375	0.090	-8.6474	25.0
2,4,5-Trichlorophenol	0.434	0.389	0.100	-10.5262	25.0
1,1-Biphenyl	1.462	1.341	0.200	-8.2265	20.0
2-Chloronaphthalene	1.167	1.089	0.300	-6.669	20.0
2-Nitroaniline	0.323	0.328	0.050	1.6707	40.0
Dimethylphthalate	1.475	1.376	0.300	-6.737	20.0
2,6-Dinitrotoluene	0.295	0.282	0.080	-4.4486	30.0
Acenaphthylene	1.848	1.744	0.400	-5.6203	20.0
3-Nitroaniline	0.257	0.269	0.010	4.8789	40.0
Acenaphthene	1.227	1.168	0.200	-4.7918	20.0
2,4-Dinitrophenol	0.155	0.170	0.010	9.7994	40.0
4-Nitrophenol	0.168	0.178	0.010	5.66	40.0
Dibenzofuran	1.680	1.604	0.300	-4.504	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:09:30

Lab File ID: BP021337.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020724 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	0.423	0.070	4.525	30.0
Diethylphthalate	1.474	1.398	0.300	-5.1715	20.0
Fluorene	1.371	1.337	0.200	-2.4527	20.0
4-Chlorophenyl-phenylether	0.744	0.695	0.100	-6.5123	20.0
4-Nitroaniline	0.213	0.258	0.010	21.3117	40.0
4,6-Dinitro-2-methylphenol	0.128	0.113	0.010	-11.5566	40.0
N-Nitrosodiphenylamine	0.582	0.521	0.050	-10.4824	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.610	0.100	-6.1044	20.0
4-Bromophenyl-phenylether	0.234	0.207	0.070	-11.5628	20.0
Hexachlorobenzene	0.269	0.239	0.050	-11.192	25.0
Atrazine	0.212	0.208	0.010	-1.7894	25.0
Pentachlorophenol	0.146	0.158	0.010	8.1498	40.0
Phenanthrene	1.038	0.981	0.200	-5.4454	20.0
Pentachlorobenzene	0.318	0.279	0.050	-12.3415	20.0
Anthracene	1.058	1.008	0.200	-4.7361	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.276	0.050	-13.929	20.0
Carbazole	0.865	0.916	0.050	5.9349	40.0
Di-n-butylphthalate	1.193	1.180	0.500	-1.0545	25.0
Fluoranthene	1.493	1.237	0.400	-17.1862	25.0
Pyrene	1.520	1.292	0.400	-14.9711	25.0
Butylbenzylphthalate	0.633	0.559	0.100	-11.7327	40.0
3,3-Dichlorobenzidine	0.457	0.458	0.010	0.2974	40.0
Benzo (a) anthracene	1.401	1.318	0.300	-5.9225	30.0
Chrysene	1.302	1.243	0.200	-4.5513	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.795	0.200	-12.7285	40.0
Di-n-octyl phthalate	1.321	1.154	0.010	-12.6233	40.0
Benzo (b) fluoranthene	1.214	1.099	0.200	-9.458	25.0
Benzo (k) fluoranthene	1.211	1.149	0.200	-5.1153	25.0
Benzo (a) pyrene	1.147	1.067	0.200	-6.9364	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.392	0.200	-5.8117	25.0
Dibenzo (a,h) anthracene	1.224	1.163	0.200	-5.0017	30.0
Benzo (g,h,i) perylene	1.204	1.144	0.200	-4.9214	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.345	0.040	-7.2419	20.0
1,4-Dioxane-d8	0.440	0.435	0.010	-1.0953	25.0
Pyridine-d5	1.272	1.202	0.010	-5.5466	40.0
Phenol-d5	1.631	1.465	0.010	-10.1456	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.917	0.050	-7.1726	25.0
2-Chlorophenol-d4	1.343	1.247	0.200	-7.1459	20.0
4-Methylphenol-d8	1.354	1.150	0.010	-15.065	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:09:30

Lab File ID: BP021337.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020724 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	-2.5403	20.0
2-Nitrophenol-d4	0.178	0.167	0.050	-5.9228	30.0
2,4-Dichlorophenol-d3	0.322	0.303	0.060	-5.7175	20.0
4-Chloroaniline-d4	0.426	0.401	0.010	-5.9575	40.0
Dimethylphthalate-d6	1.454	1.379	0.300	-5.1444	20.0
Acenaphthylene-d8	1.633	1.559	0.400	-4.5161	20.0
4-Nitrophenol-d4	0.207	0.245	0.010	18.2551	40.0
Fluorene-d10	1.193	1.159	0.100	-2.8106	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.108	0.010	-10.9765	40.0
Anthracene-d10	0.888	0.862	0.300	-2.9107	20.0
Pyrene-d10	1.236	1.047	0.300	-15.3526	25.0
Benzo(a)pyrene-d12	0.986	0.942	0.010	-4.4834	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.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:19:56

Lab File ID: BP021350.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020725 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	0.501	0.010	3.604	40.0
Benzaldehyde	0.822	0.946	0.010	15.1289	40.0
Pyridine	1.312	1.229	0.010	-6.3365	40.0
Phenol	1.650	1.532	0.080	-7.1212	20.0
Bis(2-Chloroethyl)ether	1.363	1.250	0.100	-8.2809	20.0
2-Chlorophenol	1.346	1.279	0.200	-4.9904	20.0
2-Methylphenol	1.276	1.217	0.010	-4.5989	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.885	0.010	-4.2513	40.0
Acetophenone	2.090	1.964	0.060	-6.0562	20.0
4-Methylphenol	1.367	1.276	0.010	-6.6805	20.0
N-Nitroso-di-n-propylamine	1.095	0.993	0.050	-9.3378	30.0
Hexachloroethane	0.605	0.551	0.100	-8.8561	20.0
Nitrobenzene	0.372	0.366	0.050	-1.6466	25.0
Isophorone	0.740	0.675	0.050	-8.8036	25.0
2-Nitrophenol	0.185	0.177	0.050	-4.4697	25.0
2,4-Dimethylphenol	0.366	0.354	0.050	-3.1545	25.0
Bis(2-Chloroethoxy)methane	0.450	0.408	0.050	-9.348	20.0
2,4-Dichlorophenol	0.317	0.290	0.060	-8.3983	20.0
Naphthalene	1.052	1.012	0.200	-3.8162	20.0
4-Chloroaniline	0.407	0.398	0.010	-2.2312	40.0
Hexachlorobutadiene	0.238	0.215	0.040	-9.3937	30.0
Caprolactam	0.098	0.100	0.010	2.5026	40.0
4-Chloro-3-methylphenol	0.344	0.337	0.040	-2.116	25.0
1-Methylnaphthalene	0.743	0.707	0.100	-4.8716	20.0
2-Methylnaphthalene	0.722	0.683	0.100	-5.3524	20.0
Hexachlorocyclopentadiene	0.340	0.269	0.010	-20.942	40.0
2,4,6-Trichlorophenol	0.410	0.363	0.090	-11.4766	25.0
2,4,5-Trichlorophenol	0.434	0.390	0.100	-10.124	25.0
1,1-Biphenyl	1.462	1.341	0.200	-8.2325	20.0
2-Chloronaphthalene	1.167	1.087	0.300	-6.8645	20.0
2-Nitroaniline	0.323	0.332	0.050	2.7547	40.0
Dimethylphthalate	1.475	1.402	0.300	-4.9607	20.0
2,6-Dinitrotoluene	0.295	0.280	0.080	-5.1248	30.0
Acenaphthylene	1.848	1.780	0.400	-3.6743	20.0
3-Nitroaniline	0.257	0.269	0.010	4.8752	40.0
Acenaphthene	1.227	1.161	0.200	-5.3457	20.0
2,4-Dinitrophenol	0.155	0.177	0.010	14.4355	40.0
4-Nitrophenol	0.168	0.187	0.010	11.1651	40.0
Dibenzofuran	1.680	1.644	0.300	-2.131	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:19:56

Lab File ID: BP021350.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020725 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	0.433	0.070	6.91	30.0
Diethylphthalate	1.474	1.402	0.300	-4.9078	20.0
Fluorene	1.371	1.378	0.200	0.4998	20.0
4-Chlorophenyl-phenylether	0.744	0.705	0.100	-5.2238	20.0
4-Nitroaniline	0.213	0.268	0.010	25.996	40.0
4,6-Dinitro-2-methylphenol	0.128	0.110	0.010	-14.2632	40.0
N-Nitrosodiphenylamine	0.582	0.519	0.050	-10.8805	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.593	0.100	-8.7485	20.0
4-Bromophenyl-phenylether	0.234	0.200	0.070	-14.5486	20.0
Hexachlorobenzene	0.269	0.239	0.050	-11.0007	25.0
Atrazine	0.212	0.195	0.010	-8.0176	25.0
Pentachlorophenol	0.146	0.156	0.010	6.7315	40.0
Phenanthrene	1.038	1.003	0.200	-3.364	20.0
Pentachlorobenzene	0.318	0.268	0.050	-15.732	20.0
Anthracene	1.058	1.020	0.200	-3.6107	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.261	0.050	-18.4224	20.0
Carbazole	0.865	0.913	0.050	5.6225	40.0
Di-n-butylphthalate	1.193	1.111	0.500	-6.8446	25.0
Fluoranthene	1.493	1.229	0.400	-17.6858	25.0
Pyrene	1.520	1.292	0.400	-15.0006	25.0
Butylbenzylphthalate	0.633	0.535	0.100	-15.4512	40.0
3,3-Dichlorobenzidine	0.457	0.452	0.010	-1.1271	40.0
Benzo (a) anthracene	1.401	1.310	0.300	-6.5193	30.0
Chrysene	1.302	1.246	0.200	-4.2602	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.749	0.200	-17.809	40.0
Di-n-octyl phthalate	1.321	1.160	0.010	-12.2087	40.0
Benzo (b) fluoranthene	1.214	1.116	0.200	-8.0793	25.0
Benzo (k) fluoranthene	1.211	1.162	0.200	-4.0903	25.0
Benzo (a) pyrene	1.147	1.080	0.200	-5.8097	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.345	0.200	-8.9903	25.0
Dibenzo (a,h) anthracene	1.224	1.119	0.200	-8.5262	30.0
Benzo (g,h,i) perylene	1.204	1.088	0.200	-9.6245	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.357	0.040	-3.999	20.0
1,4-Dioxane-d8	0.440	0.464	0.010	5.6643	25.0
Pyridine-d5	1.272	1.150	0.010	-9.6201	40.0
Phenol-d5	1.631	1.508	0.010	-7.5203	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.935	0.050	-5.374	25.0
2-Chlorophenol-d4	1.343	1.274	0.200	-5.1527	20.0
4-Methylphenol-d8	1.354	1.194	0.010	-11.8696	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/3/2024 12:19:56

Lab File ID: BP021350.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020725 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	-4.7322	20.0
2-Nitrophenol-d4	0.178	0.166	0.050	-6.4797	30.0
2,4-Dichlorophenol-d3	0.322	0.303	0.060	-5.6468	20.0
4-Chloroaniline-d4	0.426	0.419	0.010	-1.558	40.0
Dimethylphthalate-d6	1.454	1.387	0.300	-4.6166	20.0
Acenaphthylene-d8	1.633	1.574	0.400	-3.6151	20.0
4-Nitrophenol-d4	0.207	0.253	0.010	22.2707	40.0
Fluorene-d10	1.193	1.174	0.100	-1.6035	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.107	0.010	-11.2523	40.0
Anthracene-d10	0.888	0.850	0.300	-4.2767	20.0
Pyrene-d10	1.236	1.033	0.300	-16.466	25.0
Benzo(a)pyrene-d12	0.986	0.952	0.010	-3.4447	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.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/4/2024 12:07:12

Lab File ID: BP021364.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 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	0.478	0.010	-1.1243	50.0
Benzaldehyde	0.822	0.936	0.010	13.8487	50.0
Pyridine	1.312	1.203	0.010	-8.3461	50.0
Phenol	1.650	1.550	0.080	-6.0738	50.0
Bis(2-Chloroethyl)ether	1.363	1.244	0.100	-8.7128	50.0
2-Chlorophenol	1.346	1.272	0.200	-5.5149	50.0
2-Methylphenol	1.276	1.211	0.010	-5.0682	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.890	0.010	-4.0368	50.0
Acetophenone	2.090	1.970	0.060	-5.7271	50.0
4-Methylphenol	1.367	1.269	0.010	-7.1619	50.0
N-Nitroso-di-n-propylamine	1.095	0.971	0.050	-11.3257	50.0
Hexachloroethane	0.605	0.555	0.100	-8.1957	50.0
Nitrobenzene	0.372	0.366	0.050	-1.578	50.0
Isophorone	0.740	0.674	0.050	-8.8779	50.0
2-Nitrophenol	0.185	0.176	0.050	-4.8955	50.0
2,4-Dimethylphenol	0.366	0.350	0.050	-4.3872	50.0
Bis(2-Chloroethoxy)methane	0.450	0.412	0.050	-8.4803	50.0
2,4-Dichlorophenol	0.317	0.296	0.060	-6.6568	50.0
Naphthalene	1.052	1.011	0.200	-3.9043	50.0
4-Chloroaniline	0.407	0.398	0.010	-2.1881	50.0
Hexachlorobutadiene	0.238	0.217	0.040	-8.7047	50.0
Caprolactam	0.098	0.097	0.010	-0.4813	50.0
4-Chloro-3-methylphenol	0.344	0.336	0.040	-2.515	50.0
1-Methylnaphthalene	0.743	0.701	0.100	-5.6672	50.0
2-Methylnaphthalene	0.722	0.680	0.100	-5.8065	50.0
Hexachlorocyclopentadiene	0.340	0.280	0.010	-17.5477	50.0
2,4,6-Trichlorophenol	0.410	0.368	0.090	-10.2519	50.0
2,4,5-Trichlorophenol	0.434	0.397	0.100	-8.5819	50.0
1,1-Biphenyl	1.462	1.349	0.200	-7.6884	50.0
2-Chloronaphthalene	1.167	1.094	0.300	-6.251	50.0
2-Nitroaniline	0.323	0.330	0.050	2.249	50.0
Dimethylphthalate	1.475	1.374	0.300	-6.8373	50.0
2,6-Dinitrotoluene	0.295	0.285	0.080	-3.4555	50.0
Acenaphthylene	1.848	1.782	0.400	-3.5725	50.0
3-Nitroaniline	0.257	0.275	0.010	7.2768	50.0
Acenaphthene	1.227	1.174	0.200	-4.2652	50.0
2,4-Dinitrophenol	0.155	0.171	0.010	10.3322	50.0
4-Nitrophenol	0.168	0.189	0.010	12.0362	50.0
Dibenzofuran	1.680	1.631	0.300	-2.8941	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/4/2024 12:07:12

Lab File ID: BP021364.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 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	0.424	0.070	4.7585	50.0
Diethylphthalate	1.474	1.387	0.300	-5.8974	50.0
Fluorene	1.371	1.353	0.200	-1.2738	50.0
4-Chlorophenyl-phenylether	0.744	0.697	0.100	-6.2395	50.0
4-Nitroaniline	0.213	0.278	0.010	30.7527	50.0
4,6-Dinitro-2-methylphenol	0.128	0.112	0.010	-12.6786	50.0
N-Nitrosodiphenylamine	0.582	0.513	0.050	-11.8865	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.604	0.100	-6.9853	50.0
4-Bromophenyl-phenylether	0.234	0.201	0.070	-14.1668	50.0
Hexachlorobenzene	0.269	0.239	0.050	-10.9341	50.0
Atrazine	0.212	0.203	0.010	-4.527	50.0
Pentachlorophenol	0.146	0.161	0.010	10.0657	50.0
Phenanthrene	1.038	0.997	0.200	-3.876	50.0
Pentachlorobenzene	0.318	0.271	0.050	-14.7169	50.0
Anthracene	1.058	1.023	0.200	-3.2803	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.268	0.050	-16.345	50.0
Carbazole	0.865	0.908	0.050	4.9587	50.0
Di-n-butylphthalate	1.193	1.087	0.500	-8.9175	50.0
Fluoranthene	1.493	1.207	0.400	-19.144	50.0
Pyrene	1.520	1.268	0.400	-16.5445	50.0
Butylbenzylphthalate	0.633	0.516	0.100	-18.5463	50.0
3,3-Dichlorobenzidine	0.457	0.448	0.010	-1.9784	50.0
Benzo (a) anthracene	1.401	1.317	0.300	-6.0295	50.0
Chrysene	1.302	1.222	0.200	-6.1681	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.743	0.200	-18.4026	50.0
Di-n-octyl phthalate	1.321	1.094	0.010	-17.2116	50.0
Benzo (b) fluoranthene	1.214	1.123	0.200	-7.4871	50.0
Benzo (k) fluoranthene	1.211	1.139	0.200	-5.9999	50.0
Benzo (a) pyrene	1.147	1.062	0.200	-7.3908	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.334	0.200	-9.7327	50.0
Dibenzo (a,h) anthracene	1.224	1.106	0.200	-9.5987	50.0
Benzo (g,h,i) perylene	1.204	1.077	0.200	-10.4906	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.356	0.040	-4.2697	50.0
1,4-Dioxane-d8	0.440	0.433	0.010	-1.503	50.0
Pyridine-d5	1.272	1.181	0.010	-7.1461	50.0
Phenol-d5	1.631	1.502	0.010	-7.8683	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.933	0.050	-5.5387	50.0
2-Chlorophenol-d4	1.343	1.249	0.200	-7.03	50.0
4-Methylphenol-d8	1.354	1.202	0.010	-11.2369	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG No.: BP080324

Instrument ID: BNA_P Calibration Date/Time: 8/4/2024 12:07:12

Lab File ID: BP021364.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 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	-5.2615	50.0
2-Nitrophenol-d4	0.178	0.169	0.050	-5.2206	50.0
2,4-Dichlorophenol-d3	0.322	0.304	0.060	-5.3246	50.0
4-Chloroaniline-d4	0.426	0.415	0.010	-2.6025	50.0
Dimethylphthalate-d6	1.454	1.363	0.300	-6.2545	50.0
Acenaphthylene-d8	1.633	1.544	0.400	-5.4239	50.0
4-Nitrophenol-d4	0.207	0.256	0.010	23.9757	50.0
Fluorene-d10	1.193	1.179	0.100	-1.1582	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.106	0.010	-12.3339	50.0
Anthracene-d10	0.888	0.867	0.300	-2.4422	50.0
Pyrene-d10	1.236	1.028	0.300	-16.9001	50.0
Benzo(a)pyrene-d12	0.986	0.935	0.010	-5.1828	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021338.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

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

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021338.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

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

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021338.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.106		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.096		20-120		55	SPK: -40
4165-62-2	Phenol-d5	21.533		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.803		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.82		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.326		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.365		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.26		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.104		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.398		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.322		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.793		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.164		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.205		20-140		61	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:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021338.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.969		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.716		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	20.839		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.299		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216097	7.628				
1146-65-2	Naphthalene-d8	819016	10.381				
15067-26-2	Acenaphthene-d10	468268	14.263				
1517-22-2	Phenanthrene-d10	964082	17.081				
1719-03-5	Chrysene-d12	1094738	21.522				
1520-96-3	Perylene-d12	1380193	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP6	SDG No.:	BP080324
Lab Sample ID:	P3278-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021339.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.3	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.3	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.3	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP6	SDG No.:	BP080324
Lab Sample ID:	P3278-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021339.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.3	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.3	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.3	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP6	SDG No.:	BP080324
Lab Sample ID:	P3278-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021339.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.3	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.123		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.822	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	15.997		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.622		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.588		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.579		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.716		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.898		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.113		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.832		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.301		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.857		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.195		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	19.26		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP6	SDG No.:	BP080324
Lab Sample ID:	P3278-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021339.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.585		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	18.321		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.601		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.341		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261634	7.616				
1146-65-2	Naphthalene-d8	1063487	10.387				
15067-26-2	Acenaphthene-d10	706184	14.263				
1517-22-2	Phenanthrene-d10	1504101	17.086				
1719-03-5	Chrysene-d12	1045520	21.521				
1520-96-3	Perylene-d12	1190947	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.169	
000057-10-3	n-Hexadecanoic acid	210	J			18.01	
000057-11-4	Octadecanoic acid	130	J			19.351	
	(DEL) Alkane: Cyclic	130	J			21.174	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP7	SDG No.:	BP080324
Lab Sample ID:	P3278-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021340.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.6	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	49	U	49	93.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.6	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.6	370	ug/Kg
98-86-2	Acetophenone	45	U	45	93.6	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48.2	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.2	190	ug/Kg
78-59-1	Isophorone	54	U	54	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.2	190	ug/Kg
105-60-2	Caprolactam	82	U	82	93.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP7	SDG No.:	BP080324
Lab Sample ID:	P3278-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021340.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.6	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.6	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.6	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.2	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.2	190	ug/Kg
1912-24-9	Atrazine	81	U	81	93.6	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.6	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.2	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.2	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	93.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP7	SDG No.:	BP080324
Lab Sample ID:	P3278-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021340.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.2	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.91		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	13.431		20-120		34	SPK: -40
4165-62-2	Phenol-d5	16.35		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.349		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.332		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.851		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.884		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.312		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.761		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.895		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.904		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.581		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.91		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.777		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP7	SDG No.:	BP080324
Lab Sample ID:	P3278-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021340.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.355		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	21.213		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.101		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.324		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174373	7.628				
1146-65-2	Naphthalene-d8	722203	10.381				
15067-26-2	Acenaphthene-d10	481703	14.263				
1517-22-2	Phenanthrene-d10	1084093	17.081				
1719-03-5	Chrysene-d12	1060858	21.527				
1520-96-3	Perylene-d12	1209778	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	95	J			11.175	
000057-10-3	n-Hexadecanoic acid	160	J			18.01	
088104-31-8	2- Chloropropionic acid, octadecyl	150	J			21.169	
E966796	Total Alkanes	27	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:	E1ZQ3	SDG No.:	BP080324
Lab Sample ID:	P3278-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.3
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
BP021341.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.7	88	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	57	U	57	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	53	U	53	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	56	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56	220	ug/Kg
78-59-1	Isophorone	63	U	63	56	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56	220	ug/Kg
91-20-3	Naphthalene	33	U	33	56	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	56	220	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:	E1ZQ3	SDG No.:	BP080324
Lab Sample ID:	P3278-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.3
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
BP021341.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	56	220	ug/Kg
86-73-7	Fluorene	33	U	33	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	56	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	56	220	ug/Kg
120-12-7	Anthracene	33	U	33	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56	220	ug/Kg
86-74-8	Carbazole	37	U	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	56	220	ug/Kg
206-44-0	Fluoranthene	71	U	71	110	220	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:	E1ZQ3	SDG No.:	BP080324
Lab Sample ID:	P3278-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.3
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
BP021341.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	56	220	ug/Kg
218-01-9	Chrysene	41	U	41	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.22		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.578		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.575		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.375		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.496		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.261		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.73		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.936		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.462		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.008		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.963		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.398		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.287		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.236		20-140		56	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:	E1ZQ3	SDG No.:	BP080324
Lab Sample ID:	P3278-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.3
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
BP021341.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.108		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	22.014		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.307		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.725		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150359	7.616				
1146-65-2	Naphthalene-d8	601623	10.387				
15067-26-2	Acenaphthene-d10	390965	14.257				
1517-22-2	Phenanthrene-d10	874075	17.086				
1719-03-5	Chrysene-d12	904342	21.533				
1520-96-3	Perylene-d12	1087771	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.016	
000661-19-8	Behenic alcohol	120	J			21.18	
E966796	Total Alkanes	32	U			99	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:	E1ZR0	SDG No.:	BP080324
Lab Sample ID:	P3278-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021342.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	76	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.6	370	ug/Kg
108-95-2	Phenol	49	U	49	93.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.6	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.6	370	ug/Kg
98-86-2	Acetophenone	45	U	45	93.6	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48.2	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.2	190	ug/Kg
78-59-1	Isophorone	54	U	54	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.2	190	ug/Kg
105-60-2	Caprolactam	82	U	82	93.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1ZR0	SDG No.:	BP080324
Lab Sample ID:	P3278-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021342.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.6	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.6	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.6	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.2	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.2	190	ug/Kg
1912-24-9	Atrazine	81	U	81	93.6	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.6	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.2	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.2	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	93.6	190	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:	E1ZR0	SDG No.:	BP080324
Lab Sample ID:	P3278-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021342.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.2	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.273		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.483		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.849		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.147		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.752		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.774		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.481		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.931		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.741		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.717		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.353		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.902		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	14.047		20-140		35	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:	E1ZR0	SDG No.:	BP080324
Lab Sample ID:	P3278-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021342.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.806		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.249		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	12.28		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.39		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218962	7.622				
1146-65-2	Naphthalene-d8	896580	10.381				
15067-26-2	Acenaphthene-d10	556660	14.263				
1517-22-2	Phenanthrene-d10	999228	17.092				
1719-03-5	Chrysene-d12	852277	21.533				
1520-96-3	Perylene-d12	1146264	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	97	J			18.016	
015594-90-8	1-Heneicosanol	76	J			21.175	
E966796	Total Alkanes	27	U			99	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:	E1ZR1	SDG No.:	BP080324
Lab Sample ID:	P3278-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021343.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.3	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.3	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.3	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.3	210	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:	E1ZR1	SDG No.:	BP080324
Lab Sample ID:	P3278-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021343.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.3	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.3	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.3	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	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:	E1ZR1	SDG No.:	BP080324
Lab Sample ID:	P3278-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021343.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.3	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.073		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	11.164		20-120		28	SPK: -40
4165-62-2	Phenol-d5	14.335		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.255		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.312		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	14.434		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.259		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.257		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.557		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.847		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.837		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.599		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.544		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.087		20-140		45	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:	E1ZR1	SDG No.:	BP080324
Lab Sample ID:	P3278-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021343.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.433		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.196		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	15.605		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.644		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191522	7.622				
1146-65-2	Naphthalene-d8	715385	10.381				
15067-26-2	Acenaphthene-d10	429174	14.257				
1517-22-2	Phenanthrene-d10	929769	17.087				
1719-03-5	Chrysene-d12	1038939	21.539				
1520-96-3	Perylene-d12	1310455	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.022	
959092-08-1	Pentafluoropropionic acid, pentade	120	J			21.18	
E966796	Total Alkanes	30	U			99	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:	E1ZR2	SDG No.:	BP080324
Lab Sample ID:	P3278-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BP021344.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.6	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.6	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.6	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.6	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.6	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.6	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.6	220	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:	E1ZR2	SDG No.:	BP080324
Lab Sample ID:	P3278-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BP021344.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.6	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.6	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.6	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.6	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.6	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.6	220	ug/Kg
206-44-0	Fluoranthene	69	U	69	110	220	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:	E1ZR2	SDG No.:	BP080324
Lab Sample ID:	P3278-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BP021344.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	U	63	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	54.6	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.182		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.189		20-120		35	SPK: -40
4165-62-2	Phenol-d5	15.363		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.616		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.004		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	16.083		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	15.075		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.767		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.277		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.72		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.674		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	17.623		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.818		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.664		20-140		49	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:	E1ZR2	SDG No.:	BP080324
Lab Sample ID:	P3278-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BP021344.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.4		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.961		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	17.398		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.326		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146745	7.622				
1146-65-2	Naphthalene-d8	605429	10.381				
15067-26-2	Acenaphthene-d10	411739	14.263				
1517-22-2	Phenanthrene-d10	906165	17.08				
1719-03-5	Chrysene-d12	920877	21.533				
1520-96-3	Perylene-d12	1104739	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			18.022	
000112-92-5	1-Octadecanol	93	J			21.18	
E966796	Total Alkanes	31	U			99	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:	E1ZQ8	SDG No.:	BP080324
Lab Sample ID:	P3278-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021345.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.3	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.3	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.3	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.3	210	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:	E1ZQ8	SDG No.:	BP080324
Lab Sample ID:	P3278-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021345.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.3	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.3	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.3	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	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:	E1ZQ8	SDG No.:	BP080324
Lab Sample ID:	P3278-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021345.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.3	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.948		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	12.869		20-120		32	SPK: -40
4165-62-2	Phenol-d5	13.663		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.174		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.166		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.251		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	13.927		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.466		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.393		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.048		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.75		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.125		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.085		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	16.94		20-140		42	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:	E1ZQ8	SDG No.:	BP080324
Lab Sample ID:	P3278-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP021345.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.538		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	16.85		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	14.349		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.804		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195815	7.622				
1146-65-2	Naphthalene-d8	735117	10.393				
15067-26-2	Acenaphthene-d10	427062	14.257				
1517-22-2	Phenanthrene-d10	877604	17.087				
1719-03-5	Chrysene-d12	999702	21.539				
1520-96-3	Perylene-d12	1235980	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			18.016	
330207-53-9	E-14-Hexadecenal	110	J			21.186	
E966796	Total Alkanes	30	U			99	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:	E1ZQ9	SDG No.:	BP080324
Lab Sample ID:	P3278-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021346.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	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:	E1ZQ9	SDG No.:	BP080324
Lab Sample ID:	P3278-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021346.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	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:	E1ZQ9	SDG No.:	BP080324
Lab Sample ID:	P3278-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021346.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.02		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.626		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.013		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.111		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.045		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.698		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.731		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.745		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.219		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.101		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.704		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.328		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.414		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.981		20-140		45	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:	E1ZQ9	SDG No.:	BP080324
Lab Sample ID:	P3278-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021346.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.627		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.397		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.337		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.305		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223387	7.616				
1146-65-2	Naphthalene-d8	884492	10.375				
15067-26-2	Acenaphthene-d10	556004	14.263				
1517-22-2	Phenanthrene-d10	1017943	17.081				
1719-03-5	Chrysene-d12	809864	21.533				
1520-96-3	Perylene-d12	1099613	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.180	100	J		21.18	
E966796	Total Alkanes		100			99	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:	E1ZQ7	SDG No.:	BP080324
Lab Sample ID:	P3278-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021347.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.4	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.1	200	ug/Kg
78-59-1	Isophorone	55	U	55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49.1	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.1	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.1	200	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:	E1ZQ7	SDG No.:	BP080324
Lab Sample ID:	P3278-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021347.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.4	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.1	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.1	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.4	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.1	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.1	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	95.4	200	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:	E1ZQ7	SDG No.:	BP080324
Lab Sample ID:	P3278-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021347.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.1	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.863		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	16.601		20-120		42	SPK: -40
4165-62-2	Phenol-d5	17.476		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.823		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.376		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.069		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.018		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.061		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.978		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.599		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.34		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.395		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.712		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.259		20-140		53	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:	E1ZQ7	SDG No.:	BP080324
Lab Sample ID:	P3278-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021347.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.657		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.023		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.682		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.433		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180714	7.616				
1146-65-2	Naphthalene-d8	732639	10.387				
15067-26-2	Acenaphthene-d10	485625	14.263				
1517-22-2	Phenanthrene-d10	1075739	17.086				
1719-03-5	Chrysene-d12	1056489	21.527				
1520-96-3	Perylene-d12	1283946	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	96	J			18.01	
001454-85-9	n-Heptadecanol-1	99	J			21.18	
E966796	Total Alkanes	28	U			99	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:	E1ZR8	SDG No.:	BP080324
Lab Sample ID:	P3278-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021348.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1ZR8	SDG No.:	BP080324
Lab Sample ID:	P3278-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021348.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	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:	E1ZR8	SDG No.:	BP080324
Lab Sample ID:	P3278-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021348.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.1	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	8.408		20-120		21	SPK: -40
4165-62-2	Phenol-d5	9.875		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.063		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.11		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	10.401		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	10.991		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.45		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.727		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.873		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.46		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.034		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.623		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	13.367		20-140		33	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:	E1ZR8	SDG No.:	BP080324
Lab Sample ID:	P3278-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021348.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.875		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	13.249		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.65		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161461	7.622				
1146-65-2	Naphthalene-d8	665008	10.387				
15067-26-2	Acenaphthene-d10	450981	14.263				
1517-22-2	Phenanthrene-d10	1014865	17.075				
1719-03-5	Chrysene-d12	1054631	21.527				
1520-96-3	Perylene-d12	1238487	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	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:	SLCS169	SDG No.:	BP080324
Lab Sample ID:	PB162169BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021349.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		11	6.6	67	ug/Kg
110-86-1	Pyridine	790		33	170	330	ug/Kg
100-52-7	Benzaldehyde	970		45	82.5	330	ug/Kg
108-95-2	Phenol	810		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	830		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	770		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		60	82.5	330	ug/Kg
98-86-2	Acetophenone	760		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	760		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	730		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	810		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	880		31	42.5	170	ug/Kg
78-59-1	Isophorone	760		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	850		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	630		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	800		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	830		16	42.5	170	ug/Kg
91-20-3	Naphthalene	840		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	720		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	830		44	42.5	170	ug/Kg
105-60-2	Caprolactam	690		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	760		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	780		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	790		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	J	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	810		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	800		39	42.5	170	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:	SLCS169	SDG No.:	BP080324
Lab Sample ID:	PB162169BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021349.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	900		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	880		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	800		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	810		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	840		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	880		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	850		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	680		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	760		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	850		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	810		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	770		30	42.5	170	ug/Kg
86-73-7	Fluorene	820		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	840		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	830		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	850		32	42.5	170	ug/Kg
1912-24-9	Atrazine	360		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	670		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	880		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		52	42.5	170	ug/Kg
120-12-7	Anthracene	860		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		50	42.5	170	ug/Kg
86-74-8	Carbazole	980		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	820		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	660		54	82.5	170	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:	SLCS169	SDG No.:	BP080324
Lab Sample ID:	PB162169BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021349.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	690		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	720		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	890		27	42.5	170	ug/Kg
218-01-9	Chrysene	900		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	760		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	770		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	870		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	860		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	810		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	680		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.623		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.97		20-120		62	SPK: -40
4165-62-2	Phenol-d5	24.834		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.053		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.171		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.27		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.239		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.362		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.211		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.691		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.22		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	27.262		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.601		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	25.958		20-140		65	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:	SLCS169	SDG No.:	BP080324
Lab Sample ID:	PB162169BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021349.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.484		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	27.083		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	21.242		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.135		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216928	7.622				
1146-65-2	Naphthalene-d8	818149	10.375				
15067-26-2	Acenaphthene-d10	448407	14.263				
1517-22-2	Phenanthrene-d10	805382	17.081				
1719-03-5	Chrysene-d12	957776	21.521				
1520-96-3	Perylene-d12	1254075	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021351.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

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

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021351.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

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

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021351.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.853		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	21.738		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.07		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.021		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.167		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.161		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.423		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.206		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.547		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.089		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.748		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.989		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.927		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.397		20-140		61	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:	SBLK169	SDG No.:	BP080324
Lab Sample ID:	PB162169BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021351.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.19		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	24.402		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	21.69		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.884		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182381	7.616				
1146-65-2	Naphthalene-d8	732182	10.381				
15067-26-2	Acenaphthene-d10	474229	14.257				
1517-22-2	Phenanthrene-d10	1053417	17.087				
1719-03-5	Chrysene-d12	1098938	21.533				
1520-96-3	Perylene-d12	1331504	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	E1ZQ4	SDG No.:	BP080324
Lab Sample ID:	P3278-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP021352.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.7	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.7	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.7	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.7	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.7	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.7	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.3	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.3	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.3	210	ug/Kg
105-60-2	Caprolactam	87	U	87	99.7	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1ZQ4	SDG No.:	BP080324
Lab Sample ID:	P3278-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP021352.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.7	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.7	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.3	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.3	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.3	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.7	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.3	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.3	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.7	210	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:	E1ZQ4	SDG No.:	BP080324
Lab Sample ID:	P3278-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP021352.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.3	210	ug/Kg
218-01-9	Chrysene	37	U	37	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.537		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.368		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.763		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.126		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.1		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.359		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.016		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.548		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.669		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.51		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.792		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.93		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.518		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	30.072		20-140		75	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:	E1ZQ4	SDG No.:	BP080324
Lab Sample ID:	P3278-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP021352.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.833		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	29.938		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.783		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.836		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242399	7.616				
1146-65-2	Naphthalene-d8	965170	10.381				
15067-26-2	Acenaphthene-d10	577352	14.257				
1517-22-2	Phenanthrene-d10	1057433	17.086				
1719-03-5	Chrysene-d12	952905	21.521				
1520-96-3	Perylene-d12	1249294	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.458	
000057-10-3	n-Hexadecanoic acid	170	J			18.01	
1010348-57-1	Fumaric acid, 2-chloropropyl tride	120	J			21.169	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP8	SDG No.:	BP080324
Lab Sample ID:	P3278-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BP021353.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.9	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.9	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	52.9	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.9	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.9	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP8	SDG No.:	BP080324
Lab Sample ID:	P3278-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BP021353.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.9	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.9	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.9	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.9	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.9	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.9	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.9	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP8	SDG No.:	BP080324
Lab Sample ID:	P3278-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BP021353.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	52.9	210	ug/Kg
218-01-9	Chrysene	39	U	39	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.074		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.312		20-120		33	SPK: -40
4165-62-2	Phenol-d5	15.498		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.895		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.968		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.637		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.08		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.691		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.446		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.086		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.021		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.035		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.987		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.196		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP8	SDG No.:	BP080324
Lab Sample ID:	P3278-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BP021353.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.958		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.287		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.229		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.001		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173773	7.622				
1146-65-2	Naphthalene-d8	730401	10.381				
15067-26-2	Acenaphthene-d10	496574	14.263				
1517-22-2	Phenanthrene-d10	1084779	17.075				
1719-03-5	Chrysene-d12	1129427	21.527				
1520-96-3	Perylene-d12	1368250	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	90	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.175	
000057-10-3	n-Hexadecanoic acid	150	J			18.004	
	(DEL) Alkane: Straight-Chain	110	J			21.18	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP9	SDG No.:	BP080324
Lab Sample ID:	P3278-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021354.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.3	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.2	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.3	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.3	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51.2	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.2	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.2	200	ug/Kg
78-59-1	Isophorone	58	U	58	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.2	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.2	200	ug/Kg
105-60-2	Caprolactam	87	U	87	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP9	SDG No.:	BP080324
Lab Sample ID:	P3278-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021354.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.2	200	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.3	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.3	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.2	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.2	200	ug/Kg
86-73-7	Fluorene	30	U	30	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.2	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.3	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.2	200	ug/Kg
120-12-7	Anthracene	30	U	30	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.2	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51.2	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP9	SDG No.:	BP080324
Lab Sample ID:	P3278-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BP021354.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.2	200	ug/Kg
218-01-9	Chrysene	37	U	37	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.979		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.549		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.616		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.419		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.022		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.891		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.401		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.37		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.104		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.412		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.832		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.393		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.338		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1ZP9	SDG No.:	BP080324
Lab Sample ID:	P3278-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021354.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.776		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.737		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	15.001		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.053		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178001	7.616				
1146-65-2	Naphthalene-d8	723804	10.381				
15067-26-2	Acenaphthene-d10	469304	14.263				
1517-22-2	Phenanthrene-d10	1008843	17.086				
1719-03-5	Chrysene-d12	1051685	21.527				
1520-96-3	Perylene-d12	1216121	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.187	
000057-10-3	n-Hexadecanoic acid	200	J			18.01	
000057-11-4	Octadecanoic acid	94	J			19.351	
	(DEL) Alkane: Straight-Chain	21.174	J			21.174	
E966796	Total Alkanes	110				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:	E1ZQ2	SDG No.:	BP080324
Lab Sample ID:	P3278-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021355.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.9	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.9	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	52.9	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.9	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.9	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	52.9	210	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:	E1ZQ2	SDG No.:	BP080324
Lab Sample ID:	P3278-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021355.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.9	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	52.9	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.9	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.9	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.9	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.9	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.9	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	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:	E1ZQ2	SDG No.:	BP080324
Lab Sample ID:	P3278-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021355.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	52.9	210	ug/Kg
218-01-9	Chrysene	39	U	39	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.482		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.36		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.256		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.764		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.706		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.294		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.647		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.933		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.955		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.296		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.82		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.85		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.386		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	32.628		20-140		82	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:	E1ZQ2	SDG No.:	BP080324
Lab Sample ID:	P3278-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021355.D	1	7/19/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.648		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	31.869		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	28.126		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.491		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184985	7.616				
1146-65-2	Naphthalene-d8	690200	10.387				
15067-26-2	Acenaphthene-d10	411988	14.263				
1517-22-2	Phenanthrene-d10	893272	17.086				
1719-03-5	Chrysene-d12	1019116	21.533				
1520-96-3	Perylene-d12	1219014	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.187	
000057-10-3	n-Hexadecanoic acid	170	J			18.004	
	(DEL) Alkane: Straight-Chain	21.174	J			21.174	
E966796	Total Alkanes	140				99	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:	E1ZR7	SDG No.:	BP080324
Lab Sample ID:	P3278-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021356.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.6	87	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	56	U	56	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.4	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	55.4	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	55.4	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.4	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.4	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.4	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.4	220	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:	E1ZR7	SDG No.:	BP080324
Lab Sample ID:	P3278-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021356.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.4	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.4	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.4	220	ug/Kg
86-73-7	Fluorene	33	U	33	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.4	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.4	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.4	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.4	220	ug/Kg
86-74-8	Carbazole	37	U	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.4	220	ug/Kg
206-44-0	Fluoranthene	70	U	70	110	220	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:	E1ZR7	SDG No.:	BP080324
Lab Sample ID:	P3278-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021356.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	55.4	220	ug/Kg
218-01-9	Chrysene	40	U	40	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.359		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.291		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.472		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.545		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.774		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.734		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.785		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.639		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.368		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.354		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.715		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.779		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	14.539		20-140		36	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:	E1ZR7	SDG No.:	BP080324
Lab Sample ID:	P3278-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021356.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.069		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	14.287		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	11.899		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.158		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181131	7.616				
1146-65-2	Naphthalene-d8	714602	10.381				
15067-26-2	Acenaphthene-d10	454291	14.257				
1517-22-2	Phenanthrene-d10	999017	17.086				
1719-03-5	Chrysene-d12	1050475	21.521				
1520-96-3	Perylene-d12	1290683	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000620-17-7	Phenol, 3-ethyl-	260	J			9.881	
000057-10-3	n-Hexadecanoic acid	130	J			18.01	
	(DEL) Alkane: Straight-Chain	21.174	J			21.174	
E966796	Total Alkanes	91				99	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:	E1ZS3	SDG No.:	BP080324
Lab Sample ID:	P3278-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021357.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	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:	E1ZS3	SDG No.:	BP080324
Lab Sample ID:	P3278-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021357.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	83	U	83	97	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	97	200	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:	E1ZS3	SDG No.:	BP080324
Lab Sample ID:	P3278-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021357.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50	200	ug/Kg
218-01-9	Chrysene	36	U	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.128		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	11.771		20-120		29	SPK: -40
4165-62-2	Phenol-d5	15.84		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.678		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.823		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.95		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.137		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.788		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.794		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.167		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.57		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.92		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.831		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	22.42		20-140		56	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:	E1ZS3	SDG No.:	BP080324
Lab Sample ID:	P3278-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021357.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.926		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.732		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	19.515		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.229		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171663	7.622				
1146-65-2	Naphthalene-d8	692020	10.381				
15067-26-2	Acenaphthene-d10	459933	14.263				
1517-22-2	Phenanthrene-d10	1022649	17.087				
1719-03-5	Chrysene-d12	1072435	21.533				
1520-96-3	Perylene-d12	1283311	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.016	
001617-68-1	Lup-20(29)-en-3-ol, acetate, (3.be	310	J			20.104	
033055-28-6	12-Oleanen-3-yl acetate, (3.alpha.	880	J			20.192	
1000185-44-8	Acetic acid, 3-hydroxy-6-isopropen	130	J			20.292	
015594-90-8	1-Heneicosanol	150	J			21.18	
E966796	Total Alkanes	28	U			99	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:	E1ZS0	SDG No.:	BP080324
Lab Sample ID:	P3278-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021358.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	54	U	54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.8	220	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	53.8	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.8	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.8	220	ug/Kg
78-59-1	Isophorone	61	U	61	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	53.8	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.8	220	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:	E1ZS0	SDG No.:	BP080324
Lab Sample ID:	P3278-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021358.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	53.8	220	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.8	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.8	220	ug/Kg
86-73-7	Fluorene	32	U	32	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.8	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.8	220	ug/Kg
86-74-8	Carbazole	35	U	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.8	220	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	220	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:	E1ZS0	SDG No.:	BP080324
Lab Sample ID:	P3278-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021358.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.8	220	ug/Kg
218-01-9	Chrysene	39	U	39	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.391		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.541		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.228		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.716		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.916		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.762		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.406		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.234		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.633		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.848		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.884		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.932		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.346		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.27		20-140		61	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:	E1ZS0	SDG No.:	BP080324
Lab Sample ID:	P3278-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021358.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.686		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.742		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	21.393		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.307		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212705	7.622				
1146-65-2	Naphthalene-d8	830746	10.381				
15067-26-2	Acenaphthene-d10	507242	14.263				
1517-22-2	Phenanthrene-d10	1044139	17.08				
1719-03-5	Chrysene-d12	1092012	21.533				
1520-96-3	Perylene-d12	1305363	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.01	
	(DEL) Alkane: Straight-Chain	21.180	J			21.18	
E966796	Total Alkanes	160				99	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:	E1ZS0MS	SDG No.:	BP080324
Lab Sample ID:	P3278-19MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021359.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480		14	8.4	84	ug/Kg
100-52-7	Benzaldehyde	1100		57	100	420	ug/Kg
110-86-1	Pyridine	1100		42	210	420	ug/Kg
108-95-2	Phenol	1200		54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		51	100	420	ug/Kg
95-57-8	2-Chlorophenol	1200		29	53.8	220	ug/Kg
95-48-7	2-Methylphenol	1100		49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		76	100	420	ug/Kg
98-86-2	Acetophenone	1100		51	100	420	ug/Kg
106-44-5	4-Methylphenol	1100		47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		65	53.8	220	ug/Kg
67-72-1	Hexachloroethane	1100		23	53.8	220	ug/Kg
98-95-3	Nitrobenzene	1200		39	53.8	220	ug/Kg
78-59-1	Isophorone	1100		61	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	1200		39	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		32	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		54	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		20	53.8	220	ug/Kg
91-20-3	Naphthalene	1200		32	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	940		30	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	1200		56	53.8	220	ug/Kg
105-60-2	Caprolactam	1200		91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		62	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1100		42	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	1200		29	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	J	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		62	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	53.8	220	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:	E1ZS0MS	SDG No.:	BP080324
Lab Sample ID:	P3278-19MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021359.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		30	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	1200		33	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	1400		52	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	1200		37	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		56	53.8	220	ug/Kg
208-96-8	Acenaphthylene	1200		41	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	1400		56	100	420	ug/Kg
83-32-9	Acenaphthene	1200		37	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		61	100	420	ug/Kg
100-02-7	4-Nitrophenol	1400		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1300		41	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		54	53.8	220	ug/Kg
84-66-2	Diethylphthalate	1200		38	53.8	220	ug/Kg
86-73-7	Fluorene	1300		32	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	1800		39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		42	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		30	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		37	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	1200		41	53.8	220	ug/Kg
1912-24-9	Atrazine	850		90	100	420	ug/Kg
87-86-5	Pentachlorophenol	1100		94	100	420	ug/Kg
85-01-8	Phenanthrene	1300		37	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	1100		66	53.8	220	ug/Kg
120-12-7	Anthracene	1200		32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		63	53.8	220	ug/Kg
86-74-8	Carbazole	1400		35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1200		77	53.8	220	ug/Kg
206-44-0	Fluoranthene	1000		68	100	220	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:	E1ZS0MS	SDG No.:	BP080324
Lab Sample ID:	P3278-19MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021359.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		62	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	1100		110	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1200		34	53.8	220	ug/Kg
218-01-9	Chrysene	1300		39	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		120	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		42	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	1100		41	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		39	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		35	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		33	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		42	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.039		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.956		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.072		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.459		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.542		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.716		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.547		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.742		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.181		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.231		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.829		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.291		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.785		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	24.126		20-140		60	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:	E1ZS0MS	SDG No.:	BP080324
Lab Sample ID:	P3278-19MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021359.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.534		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	23.958		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	20.712		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.551		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182746	7.616				
1146-65-2	Naphthalene-d8	676829	10.381				
15067-26-2	Acenaphthene-d10	412468	14.257				
1517-22-2	Phenanthrene-d10	901598	17.081				
1719-03-5	Chrysene-d12	995557	21.522				
1520-96-3	Perylene-d12	1220034	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	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:	E1ZS0MSD	SDG No.:	BP080324
Lab Sample ID:	P3278-20MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021360.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	560		14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	1300		57	100	420	ug/Kg
110-86-1	Pyridine	1300		42	210	420	ug/Kg
108-95-2	Phenol	1400		55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		51	100	420	ug/Kg
95-57-8	2-Chlorophenol	1400		29	53.9	220	ug/Kg
95-48-7	2-Methylphenol	1300		49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		76	100	420	ug/Kg
98-86-2	Acetophenone	1300		51	100	420	ug/Kg
106-44-5	4-Methylphenol	1300		47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		65	53.9	220	ug/Kg
67-72-1	Hexachloroethane	1300		23	53.9	220	ug/Kg
98-95-3	Nitrobenzene	1400		39	53.9	220	ug/Kg
78-59-1	Isophorone	1300		61	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	1500		39	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		32	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		55	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		20	53.9	220	ug/Kg
91-20-3	Naphthalene	1400		32	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	1100		30	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	1300		56	53.9	220	ug/Kg
105-60-2	Caprolactam	1600		91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		62	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	1400		42	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	1400		29	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470		120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		62	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		49	53.9	220	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:	E1ZS0MSD	SDG No.:	BP080324
Lab Sample ID:	P3278-20MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021360.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		30	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	1400		33	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	1600		52	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	1400		37	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		56	53.9	220	ug/Kg
208-96-8	Acenaphthylene	1400		41	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	1700		56	100	420	ug/Kg
83-32-9	Acenaphthene	1400		37	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		61	100	420	ug/Kg
100-02-7	4-Nitrophenol	1800		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1400		41	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		55	53.9	220	ug/Kg
84-66-2	Diethylphthalate	1400		38	53.9	220	ug/Kg
86-73-7	Fluorene	1500		32	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		25	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	2200		39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		42	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		30	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		37	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	1300		41	53.9	220	ug/Kg
1912-24-9	Atrazine	960		90	100	420	ug/Kg
87-86-5	Pentachlorophenol	1300		94	100	420	ug/Kg
85-01-8	Phenanthrene	1400		37	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	1200		66	53.9	220	ug/Kg
120-12-7	Anthracene	1400		32	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		63	53.9	220	ug/Kg
86-74-8	Carbazole	1600		36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1400		77	53.9	220	ug/Kg
206-44-0	Fluoranthene	1200		69	100	220	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:	E1ZS0MSD	SDG No.:	BP080324
Lab Sample ID:	P3278-20MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021360.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		62	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	1200		110	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		34	53.9	220	ug/Kg
218-01-9	Chrysene	1400		39	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		120	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		42	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		48	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	1300		41	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		39	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		36	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		33	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		42	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.224		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	20.973		20-120		52	SPK: -40
4165-62-2	Phenol-d5	24.701		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.347		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.311		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.054		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.034		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.501		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.076		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.845		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.474		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.887		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.259		10-150		98	SPK: -40
81103-79-9	Fluorene-d10	27.756		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:	E1ZS0MSD	SDG No.:	BP080324
Lab Sample ID:	P3278-20MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021360.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.445		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	26.68		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	23.869		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.064		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180957	7.611				
1146-65-2	Naphthalene-d8	706407	10.381				
15067-26-2	Acenaphthene-d10	454623	14.257				
1517-22-2	Phenanthrene-d10	1046317	17.087				
1719-03-5	Chrysene-d12	1121493	21.522				
1520-96-3	Perylene-d12	1336835	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	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:	E1ZS1	SDG No.:	BP080324
Lab Sample ID:	P3278-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BP021361.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.2	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.2	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.2	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.2	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.2	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.2	210	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:	E1ZS1	SDG No.:	BP080324
Lab Sample ID:	P3278-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BP021361.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.2	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.2	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.2	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.2	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52.2	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.2	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	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:	E1ZS1	SDG No.:	BP080324
Lab Sample ID:	P3278-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BP021361.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.2	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.109		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.275		20-120		36	SPK: -40
4165-62-2	Phenol-d5	15.775		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.918		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.151		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.965		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	15.625		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.372		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.644		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.517		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.752		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.522		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.228		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.987		20-140		50	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:	E1ZS1	SDG No.:	BP080324
Lab Sample ID:	P3278-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BP021361.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.504		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	20.141		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	17.861		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.049		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174261	7.616				
1146-65-2	Naphthalene-d8	736401	10.381				
15067-26-2	Acenaphthene-d10	483701	14.257				
1517-22-2	Phenanthrene-d10	1041499	17.087				
1719-03-5	Chrysene-d12	1046254	21.533				
1520-96-3	Perylene-d12	1253502	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			18.01	
959092-08-1	Pentafluoropropionic acid, pentade	84	J			21.186	
E966796	Total Alkanes	29	U			99	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:	E1ZS2	SDG No.:	BP080324
Lab Sample ID:	P3278-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BP021362.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
108-95-2	Phenol	55	U	55	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.8	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.8	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.8	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.8	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.8	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.8	220	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:	E1ZS2	SDG No.:	BP080324
Lab Sample ID:	P3278-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021362.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.8	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.8	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.8	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.8	220	ug/Kg
1912-24-9	Atrazine	92	U	92	110	430	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	430	ug/Kg
85-01-8	Phenanthrene	37	U	37	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.8	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	54.8	220	ug/Kg
206-44-0	Fluoranthene	70	U	70	110	220	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:	E1ZS2	SDG No.:	BP080324
Lab Sample ID:	P3278-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021362.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	U	63	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	54.8	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.146		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	8.928		20-120		22	SPK: -40
4165-62-2	Phenol-d5	9.477		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.905		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.451		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	10.309		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	9.774		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.187		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.583		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.156		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.419		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.426		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.702		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	11.598		20-140		29	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:	E1ZS2	SDG No.:	BP080324
Lab Sample ID:	P3278-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021362.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.51		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	11.522		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	10.021		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.384		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238871	7.616				
1146-65-2	Naphthalene-d8	965901	10.381				
15067-26-2	Acenaphthene-d10	592514	14.263				
1517-22-2	Phenanthrene-d10	1055011	17.081				
1719-03-5	Chrysene-d12	1006883	21.527				
1520-96-3	Perylene-d12	1301589	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	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:	E1ZR9	SDG No.:	BP080324
Lab Sample ID:	P3278-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BP021363.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.2	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.2	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.2	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.2	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.2	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.2	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.2	220	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:	E1ZR9	SDG No.:	BP080324
Lab Sample ID:	P3278-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BP021363.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.2	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.2	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.2	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.2	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.2	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	110	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.2	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.2	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.2	220	ug/Kg
206-44-0	Fluoranthene	69	U	69	110	220	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:	E1ZR9	SDG No.:	BP080324
Lab Sample ID:	P3278-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BP021363.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	U	63	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54.2	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.444		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	9.808		20-120		25	SPK: -40
4165-62-2	Phenol-d5	10.845		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.707		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.563		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	11.23		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	12.198		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.94		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.262		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.249		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.915		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	14.09		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.706		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	15.109		20-140		38	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:	E1ZR9	SDG No.:	BP080324
Lab Sample ID:	P3278-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BP021363.D	1	7/19/2024 12:00:00 AM	8/4/2024 12:00:00 AM	PB162169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.663		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	15.873		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	13.884		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.341		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188915	7.616				
1146-65-2	Naphthalene-d8	716728	10.387				
15067-26-2	Acenaphthene-d10	434715	14.263				
1517-22-2	Phenanthrene-d10	967507	17.075				
1719-03-5	Chrysene-d12	1094030	21.522				
1520-96-3	Perylene-d12	1295587	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP080324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1ZP6								
P3278-01	E1ZP6	Solid	(DEL) Alkane: Cyclic21.174	*	130.000	J		
P3278-01	E1ZP6	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3278-01	E1ZP6	Solid	n-Hexadecanoic acid	*	210.000	J		
P3278-01	E1ZP6	Solid	Octadecanoic acid	*	130.000	J		
P3278-01	E1ZP6	Solid	Total Alkanes	*	130.000	30	210	ug/Kg
Total Tics :					710.00			
Total Concentration:					710.00			
Client ID : E1ZP7								
P3278-02	E1ZP7	Solid	1-Phenoxypropan-2-ol	*	95.000	J		
P3278-02	E1ZP7	Solid	2- Chloropropionic acid, octadecy	*	150.000	J		
P3278-02	E1ZP7	Solid	n-Hexadecanoic acid	*	160.000	J		
P3278-02	E1ZP7	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					405.00			
Total Concentration:					405.00			
Client ID : E1ZP8								
P3278-03	E1ZP8	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J		
P3278-03	E1ZP8	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3278-03	E1ZP8	Solid	n-Hexadecanoic acid	*	150.000	J		
P3278-03	E1ZP8	Solid	Propylene Glycol	*	90.000	J		
P3278-03	E1ZP8	Solid	Total Alkanes	*	110.000	30	210	ug/Kg
Total Tics :					570.00			
Total Concentration:					570.00			
Client ID : E1ZP9								
P3278-04	E1ZP9	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J		
P3278-04	E1ZP9	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3278-04	E1ZP9	Solid	n-Hexadecanoic acid	*	200.000	J		
P3278-04	E1ZP9	Solid	Octadecanoic acid	*	94.000	J		
P3278-04	E1ZP9	Solid	Total Alkanes	*	110.000	29	200	ug/Kg
Total Tics :					624.00			
Total Concentration:					624.00			
Client ID : E1ZQ2								
P3278-06	E1ZQ2	Solid	(DEL) Alkane: Straight-Chain21.1	*	140.000	J		
P3278-06	E1ZQ2	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3278-06	E1ZQ2	Solid	n-Hexadecanoic acid	*	170.000	J		
P3278-06	E1ZQ2	Solid	Propylene Glycol	*	100.000	J		
P3278-06	E1ZQ2	Solid	Total Alkanes	*	140.000	30	210	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP080324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :					660.00			
Total Concentration:					660.00			
Client ID : E1ZQ3								
P3278-07	E1ZQ3	Solid	Behenic alcohol	*	120.000	J		
P3278-07	E1ZQ3	Solid	n-Hexadecanoic acid	*	150.000	J		
P3278-07	E1ZQ3	Solid	Total Alkanes	*	0.000	32	220	ug/Kg
Total Tics :					270.00			
Total Concentration:					270.00			
Client ID : E1ZQ4								
P3278-08	E1ZQ4	Solid	Fumaric acid, 2-chloropropyl tride	*	120.000	J		
P3278-08	E1ZQ4	Solid	n-Hexadecanoic acid	*	170.000	J		
P3278-08	E1ZQ4	Solid	Propylene Glycol	*	110.000	J		
P3278-08	E1ZQ4	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					400.00			
Total Concentration:					400.00			
Client ID : E1ZQ7								
P3278-09	E1ZQ7	Solid	n-Heptadecanol-1	*	99.000	J		
P3278-09	E1ZQ7	Solid	n-Hexadecanoic acid	*	96.000	J		
P3278-09	E1ZQ7	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					195.00			
Total Concentration:					195.00			
Client ID : E1ZQ8								
P3278-10	E1ZQ8	Solid	E-14-Hexadecenal	*	110.000	J		
P3278-10	E1ZQ8	Solid	n-Hexadecanoic acid	*	170.000	J		
P3278-10	E1ZQ8	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					280.00			
Total Concentration:					280.00			
Client ID : E1ZQ9								
P3278-11	E1ZQ9	Solid	(DEL) Alkane: Straight-Chain21.1	*	100.000	J		
P3278-11	E1ZQ9	Solid	Total Alkanes	*	100.000	29	210	ug/Kg
Total Tics :					200.00			
Total Concentration:					200.00			
Client ID : E1ZR0								
P3278-12	E1ZR0	Solid	1-Heneicosanol	*	76.000	J		
P3278-12	E1ZR0	Solid	n-Hexadecanoic acid	*	97.000	J		
P3278-12	E1ZR0	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					173.00			

Hit Summary Sheet SW-846

SDG No.: BP080324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:						173.00		
Client ID : E1ZR1								
P3278-13	E1ZR1	Solid	n-Hexadecanoic acid	*	130.000	J		
P3278-13	E1ZR1	Solid	Pentafluoropropionic acid, pentad	*	120.000	J		
P3278-13	E1ZR1	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :						250.00		
Total Concentration:						250.00		
Client ID : E1ZR2								
P3278-14	E1ZR2	Solid	1-Octadecanol	*	93.000	J		
P3278-14	E1ZR2	Solid	n-Hexadecanoic acid	*	120.000	J		
P3278-14	E1ZR2	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :						213.00		
Total Concentration:						213.00		
Client ID : E1ZR7								
P3278-15	E1ZR7	Solid	(DEL) Alkane: Straight-Chain21.1	*	91.000	J		
P3278-15	E1ZR7	Solid	n-Hexadecanoic acid	*	130.000	J		
P3278-15	E1ZR7	Solid	Phenol, 3-ethyl-	*	260.000	J		
P3278-15	E1ZR7	Solid	Total Alkanes	*	91.000	31	220	ug/Kg
Total Tics :						572.00		
Total Concentration:						572.00		
Client ID : E1ZR8								
P3278-16	E1ZR8	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1ZR9								
P3278-17	E1ZR9	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1ZS0								
P3278-18	E1ZS0	Solid	(DEL) Alkane: Straight-Chain21.1	*	160.000	J		
P3278-18	E1ZS0	Solid	n-Hexadecanoic acid	*	130.000	J		
P3278-18	E1ZS0	Solid	Total Alkanes	*	160.000	30	220	ug/Kg
Total Tics :						450.00		
Total Concentration:						450.00		
Client ID : E1ZS1								
P3278-21	E1ZS1	Solid	n-Hexadecanoic acid	*	110.000	J		
P3278-21	E1ZS1	Solid	Pentafluoropropionic acid, pentad	*	84.000	J		

Hit Summary Sheet SW-846

SDG No.: BP080324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3278-21	E1ZS1	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :						194.00		
Total Concentration:						194.00		
Client ID : E1ZS2								
P3278-22	E1ZS2	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1ZS3								
P3278-23	E1ZS3	Solid	1-Heneicosanol	*	150.000	J		
P3278-23	E1ZS3	Solid	12-Oleanen-3-yl acetate, (3.alpha.	*	880.000	J		
P3278-23	E1ZS3	Solid	Acetic acid, 3-hydroxy-6-isoprop	*	130.000	J		
P3278-23	E1ZS3	Solid	Lup-20(29)-en-3-ol, acetate, (3.be	*	310.000	J		
P3278-23	E1ZS3	Solid	n-Hexadecanoic acid	*	150.000	J		
P3278-23	E1ZS3	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :						1,620.00		
Total Concentration:						1,620.00		

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.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020646 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:13

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 SBLK169	216097	7.63	819016	10.38	468268	14.26
02 E1ZP6	261634	7.62	1.06349e	10.39	706184	14.26
03 E1ZP7	174373	7.63	722203	10.38	481703	14.26
04 E1ZQ3	150359	7.62	601623	10.39	390965	14.26
05 E1ZR0	218962	7.62	896580	10.38	556660	14.26
06 E1ZR1	191522	7.62	715385	10.38	429174	14.26
07 E1ZR2	146745	7.62	605429	10.38	411739	14.26
08 E1ZQ8	195815	7.62	735117	10.39	427062	14.26
09 E1ZQ9	223387	7.62	884492	10.38	556004	14.26
10 E1ZQ7	180714	7.62	732639	10.39	485625	14.26
11 E1ZR8	161461	7.62	665008	10.39	450981	14.26
12 SLCS169	216928	7.62	818149	10.38	448407	14.26
13 SBLK169	182381	7.62	732182	10.38	474229	14.26
14 E1ZQ4	242399	7.62	965170	10.38	577352	14.26
15 E1ZP8	173773	7.62	730401	10.38	496574	14.26
16 E1ZP9	178001	7.62	723804	10.38	469304	14.26
17 E1ZQ2	184985	7.62	690200	10.39	411988	14.26
18 E1ZR7	181131	7.62	714602	10.38	454291	14.26
19 E1ZS3	171663	7.62	692020	10.38	459933	14.26
20 E1ZS0	212705	7.62	830746	10.38	507242	14.26
21 E1ZS0MS	182746	7.62	676829	10.38	412468	14.26
22 E1ZS0MSD	180957	7.61	706407	10.38	454623	14.26
23 E1ZS1	174261	7.62	736401	10.38	483701	14.26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020646 Date Analyzed: Aug 4 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 04:58

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
24 E1ZS2	238871	7.62	965901	10.38	592514	14.26
25 E1ZR9	188915	7.62	716728	10.39	434715	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.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020724 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP021337.D Time Analyzed: 10:13

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	167833	7.61	660681	10.38	424035	14.25
UPPER LIMIT	335666	8.11	1321362	10.875	848070	14.751
LOWER LIMIT	83916.5	7.11	330340.5	9.875	212017.5	13.751
EPA SAMPLE NO.						
01 SBLK169	216097	7.63	819016	10.38	468268	14.26
02 E1ZP6	261634	7.62	1.06349e	10.39	706184	14.26
03 E1ZP7	174373	7.63	722203	10.38	481703	14.26
04 E1ZQ3	150359	7.62	601623	10.39	390965	14.26
05 E1ZR0	218962	7.62	896580	10.38	556660	14.26
06 E1ZR1	191522	7.62	715385	10.38	429174	14.26
07 E1ZR2	146745	7.62	605429	10.38	411739	14.26
08 E1ZQ8	195815	7.62	735117	10.39	427062	14.26
09 E1ZQ9	223387	7.62	884492	10.38	556004	14.26
10 E1ZQ7	180714	7.62	732639	10.39	485625	14.26
11 E1ZR8	161461	7.62	665008	10.39	450981	14.26
12 SLCS169	216928	7.62	818149	10.38	448407	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.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020725 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP021350.D Time Analyzed: 20:41

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	161473	7.611	667550	10.38	450840	14.26
UPPER LIMIT	322946	8.111	1335100	10.881	901680	14.757
LOWER LIMIT	80736.5	7.111	333775	9.881	225420	13.757
EPA SAMPLE NO.						
01 SBLK169	182381	7.62	732182	10.38	474229	14.26
02 E1ZQ4	242399	7.62	965170	10.38	577352	14.26
03 E1ZP8	173773	7.62	730401	10.38	496574	14.26
04 E1ZP9	178001	7.62	723804	10.38	469304	14.26
05 E1ZQ2	184985	7.62	690200	10.39	411988	14.26
06 E1ZR7	181131	7.62	714602	10.38	454291	14.26
07 E1ZS3	171663	7.62	692020	10.38	459933	14.26
08 E1ZS0	212705	7.62	830746	10.38	507242	14.26
09 E1ZSOMS	182746	7.62	676829	10.38	412468	14.26
10 E1ZSOMSD	180957	7.61	706407	10.38	454623	14.26
11 E1ZS1	174261	7.62	736401	10.38	483701	14.26
12 E1ZS2	238871	7.62	965901	10.38	592514	14.26
13 E1ZR9	188915	7.62	716728	10.39	434715	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.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020646 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:13

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	SBLK169	964082	17.08	1.09474e+	21.52	1.38019e+	24.82
02	E1ZP6	1.5041e	17.09	1.04552e+	21.52	1.19095e+	24.82
03	E1ZP7	1.08409	17.08	1.06086e+	21.53	1.20978e+	24.82
04	E1ZQ3	874075	17.09	904342	21.53	1.08777e+	24.82
05	E1ZR0	999228	17.09	852277	21.53	1.14626e+	24.82
06	E1ZR1	929769	17.09	1.03894e+	21.54	1.31046e+	24.83
07	E1ZR2	906165	17.08	920877	21.53	1.10474e+	24.83
08	E1ZQ8	877604	17.09	999702	21.54	1.23598e+	24.82
09	E1ZQ9	1.01794	17.08	809864	21.53	1.09961e+	24.82
10	E1ZQ7	1.07574	17.09	1.05649e+	21.53	1.28395e+	24.83
11	E1ZR8	1.01487	17.08	1.05463e+	21.53	1.23849e+	24.82
12	SLCS169	805382	17.08	957776	21.52	1.25408e+	24.80
13	SBLK169	1.05342	17.09	1.09894e+	21.53	1.3315e+0	24.81
14	E1ZQ4	1.05743	17.09	952905	21.52	1.24929e+	24.80
15	E1ZP8	1.08478	17.08	1.12943e+	21.53	1.36825e+	24.81
16	E1ZP9	1.00884	17.09	1.05169e+	21.53	1.21612e+	24.82
17	E1ZQ2	893272	17.09	1.01912e+	21.53	1.21901e+	24.82
18	E1ZR7	999017	17.09	1.05048e+	21.52	1.29068e+	24.82
19	E1ZS3	1.02265	17.09	1.07244e+	21.53	1.28331e+	24.83
20	E1ZS0	1.04414	17.08	1.09201e+	21.53	1.30536e+	24.82
21	E1ZSOMS	901598	17.08	995557	21.52	1.22003e+	24.81

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020646 Date Analyzed: Aug 4 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 03:29

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+04	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
22 E1ZS0MSD	1.04632	17.09	1.12149e+	21.52	1.33684e+	24.82
23 E1ZS1	1.0415e	17.09	1.04625e+	21.53	1.2535e+0	24.82
24 E1ZS2	1.05501	17.08	1.00688e+	21.53	1.30159e+	24.81
25 E1ZR9	967507	17.08	1.09403e+	21.52	1.29559e+	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.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020724 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP021337.D Time Analyzed: 10:13

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	922997	17.075	921574	21.527	1.11978e+01	24.821
UPPER LIMIT	1845994	17.575	1843148	22.027	2239560	25.321
LOWER LIMIT	461498.5	16.575	460787	21.027	559890	24.321
EPA SAMPLE NO.						
01 SBLK169	964082	17.08	1.09474e+	21.52	1.38019e+	24.82
02 E1ZP6	1.5041e	17.09	1.04552e+	21.52	1.19095e+	24.82
03 E1ZP7	1.08409	17.08	1.06086e+	21.53	1.20978e+	24.82
04 E1ZQ3	874075	17.09	904342	21.53	1.08777e+	24.82
05 E1ZR0	999228	17.09	852277	21.53	1.14626e+	24.82
06 E1ZR1	929769	17.09	1.03894e+	21.54	1.31046e+	24.83
07 E1ZR2	906165	17.08	920877	21.53	1.10474e+	24.83
08 E1ZQ8	877604	17.09	999702	21.54	1.23598e+	24.82
09 E1ZQ9	1.01794	17.08	809864	21.53	1.09961e+	24.82
10 E1ZQ7	1.07574	17.09	1.05649e+	21.53	1.28395e+	24.83
11 E1ZR8	1.01487	17.08	1.05463e+	21.53	1.23849e+	24.82
12 SLCS169	805382	17.08	957776	21.52	1.25408e+	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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080324 SAS No.: BP080324 SDG NO.: BP080324

EPA Sample No.: SSTD020725 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BP021350.D Time Analyzed: 20:41

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	1.00695e+01	17.081	1.01722e+	21.533	1.18506e+01	24.839
UPPER LIMIT	2013900	17.581	2034440	22.033	2370120	25.339
LOWER LIMIT	503475	16.581	508610	21.033	592530	24.339
EPA SAMPLE NO.						
01 SBLK169	1.05342	17.09	1.09894e+	21.53	1.3315e+0	24.81
02 E1ZQ4	1.05743	17.09	952905	21.52	1.24929e+	24.80
03 E1ZP8	1.08478	17.08	1.12943e+	21.53	1.36825e+	24.81
04 E1ZP9	1.00884	17.09	1.05169e+	21.53	1.21612e+	24.82
05 E1ZQ2	893272	17.09	1.01912e+	21.53	1.21901e+	24.82
06 E1ZR7	999017	17.09	1.05048e+	21.52	1.29068e+	24.82
07 E1ZS3	1.02265	17.09	1.07244e+	21.53	1.28331e+	24.83
08 E1ZS0	1.04414	17.08	1.09201e+	21.53	1.30536e+	24.82
09 E1ZSOMS	901598	17.08	995557	21.52	1.22003e+	24.81
10 E1ZSOMSD	1.04632	17.09	1.12149e+	21.52	1.33684e+	24.82
11 E1ZS1	1.0415e	17.09	1.04625e+	21.53	1.2535e+0	24.82
12 E1ZS2	1.05501	17.08	1.00688e+	21.53	1.30159e+	24.81
13 E1ZR9	967507	17.08	1.09403e+	21.52	1.29559e+	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.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162169BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	970	ug/Kg	75				0	0		
	Pyridine	1300	790	ug/Kg	61				0	0		
	Phenol	1300	810	ug/Kg	62				0	0		
	Bis(2-chloroethyl)ether	1300	780	ug/Kg	60				0	0		
	2-Chlorophenol	1300	830	ug/Kg	64				0	0		
	2-Methylphenol	1300	770	ug/Kg	59				0	0		
	2,2-oxybis(1-Chloropropane)	1300	810	ug/Kg	62				0	0		
	Acetophenone	1300	760	ug/Kg	58				0	0		
	4-Methylphenol	1300	760	ug/Kg	58				0	0		
	N-Nitroso-di-n-propylamine	1300	730	ug/Kg	56				0	0		
	Hexachloroethane	1300	810	ug/Kg	62				0	0		
	Nitrobenzene	1300	880	ug/Kg	68				0	0		
	Isophorone	1300	760	ug/Kg	58				0	0		
	2-Nitrophenol	1300	850	ug/Kg	65				0	0		
	2,4-Dimethylphenol	1300	630	ug/Kg	48				0	0		
	Bis(2-chloroethoxy)methane	1300	800	ug/Kg	62				0	0		
	2,4-Dichlorophenol	1300	830	ug/Kg	64				0	0		
	Naphthalene	1300	840	ug/Kg	65				0	0		
	4-Chloroaniline	1300	720	ug/Kg	55				0	0		
	Hexachlorobutadiene	1300	830	ug/Kg	64				0	0		
	Caprolactam	1300	690	ug/Kg	53				0	0		
	4-Chloro-3-methylphenol	1300	760	ug/Kg	58				0	0		
	1-Methylnaphthalene	1300	780	ug/Kg	60				0	0		
	2-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	Hexachlorocyclopentadiene	1300	320	ug/Kg	25				0	0		
	2,4,6-Trichlorophenol	1300	810	ug/Kg	62				0	0		
	2,4,5-Trichlorophenol	1300	800	ug/Kg	62				0	0		
	1,1'-Biphenyl	1300	900	ug/Kg	69				0	0		
	2-Chloronaphthalene	1300	900	ug/Kg	69				0	0		
	2-Nitroaniline	1300	880	ug/Kg	68				0	0		
	Dimethylphthalate	1300	800	ug/Kg	62				0	0		
	2,6-Dinitrotoluene	1300	810	ug/Kg	62				0	0		
	Acenaphthylene	1300	840	ug/Kg	65				0	0		
	3-Nitroaniline	1300	880	ug/Kg	68				0	0		
	Acenaphthene	1300	850	ug/Kg	65				0	0		
	2,4-Dinitrophenol	1300	680	ug/Kg	52				0	0		
	4-Nitrophenol	1300	760	ug/Kg	58				0	0		
	Dibenzofuran	1300	850	ug/Kg	65				0	0		
	2,4-Dinitrotoluene	1300	810	ug/Kg	62				0	0		
	Diethylphthalate	1300	770	ug/Kg	59				0	0		
	Fluorene	1300	820	ug/Kg	63				0	0		
	4-Chlorophenyl-phenylether	1300	810	ug/Kg	62				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162169BS	4,6-Dinitro-2-methylphenol	1300	840	ug/Kg	65				0	0		
	N-Nitrosodiphenylamine	1300	880	ug/Kg	68				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	830	ug/Kg	64				0	0		
	Hexachlorobenzene	1300	850	ug/Kg	65				0	0		
	Atrazine	1300	360	ug/Kg	28				0	0		
	Pentachlorophenol	1300	670	ug/Kg	52				0	0		
	Phenanthrene	1300	880	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	860	ug/Kg	66				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	980	ug/Kg	75				0	0		
	Di-n-butylphthalate	1300	820	ug/Kg	63				0	0		
	Fluoranthene	1300	660	ug/Kg	51				0	0		
	Pyrene	1300	690	ug/Kg	53				0	0		
	Butylbenzylphthalate	1300	720	ug/Kg	55				0	0		
	3,3'-Dichlorobenzidine	1300	960	ug/Kg	74				0	0		
	Benzo(a)anthracene	1300	890	ug/Kg	68				0	0		
	Chrysene	1300	900	ug/Kg	69				0	0		
	Bis(2-ethylhexyl)phthalate	1300	760	ug/Kg	58				0	0		
	Di-n-octylphthalate	1300	770	ug/Kg	59				0	0		
	Benzo(b)fluoranthene	1300	870	ug/Kg	67				0	0		
	Benzo(k)fluoranthene	1300	860	ug/Kg	66				0	0		
	Benzo(a)pyrene	1300	810	ug/Kg	62				0	0		
	Indeno(1,2,3-cd)pyrene	1300	890	ug/Kg	68				0	0		
	Dibenzo(a,h)anthracene	1300	880	ug/Kg	68				0	0		
	Benzo(g,h,i)perylene	1300	860	ug/Kg	66				0	0		
	2,3,4,6-Tetrachlorophenol	1300	680	ug/Kg	52				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK169

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080324

SAS No.: BP080324 SDG NO.: BP080324

Lab File ID: BP021338.D

Lab Sample ID: PB162169BL

Instrument ID: BNA_P

Date Extracted: 07/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/03/2024

Level: (low/med) LOW

Time Analyzed: 10:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1ZQ4	P3278-08	BP021352.D	08/03/2024
E1ZP8	P3278-03	BP021353.D	08/03/2024
E1ZP9	P3278-04	BP021354.D	08/03/2024
E1ZQ2	P3278-06	BP021355.D	08/03/2024
E1ZR7	P3278-15	BP021356.D	08/04/2024
E1ZS3	P3278-23	BP021357.D	08/04/2024
E1ZS0	P3278-18	BP021358.D	08/04/2024
E1ZS0MS	P3278-19MS	BP021359.D	08/04/2024
E1ZS0MSD	P3278-20MSD	BP021360.D	08/04/2024
E1ZS1	P3278-21	BP021361.D	08/04/2024
E1ZS2	P3278-22	BP021362.D	08/04/2024
E1ZR9	P3278-17	BP021363.D	08/04/2024
E1ZP6	P3278-01	BP021339.D	08/03/2024
E1ZP7	P3278-02	BP021340.D	08/03/2024
E1ZQ3	P3278-07	BP021341.D	08/03/2024
E1ZR0	P3278-12	BP021342.D	08/03/2024
E1ZR1	P3278-13	BP021343.D	08/03/2024
E1ZR2	P3278-14	BP021344.D	08/03/2024
E1ZQ8	P3278-10	BP021345.D	08/03/2024
E1ZQ9	P3278-11	BP021346.D	08/03/2024
E1ZQ7	P3278-09	BP021347.D	08/03/2024
E1ZR8	P3278-16	BP021348.D	08/03/2024
PB162169BS	PB162169BS	BP021349.D	08/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3278-19MS	Client Sample ID:	E1ZS0MS				DataFile:	BP021359.D			
1,4-Dioxane	680		480	ug/Kg	71				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		1100	ug/Kg	65				0	0	
Phenol	1700		1200	ug/Kg	71				26	90	
Bis(2-chloroethyl)ether	1700		1100	ug/Kg	65				0	0	
2-Chlorophenol	1700		1200	ug/Kg	71				25	102	
2-Methylphenol	1700		1100	ug/Kg	65				0	0	
2,2-oxybis(1-Chloropropane)	1700		1100	ug/Kg	65				0	0	
Acetophenone	1700		1100	ug/Kg	65				0	0	
4-Methylphenol	1700		1100	ug/Kg	65				0	0	
N-Nitroso-di-n-propylamine	1700		1000	ug/Kg	59				41	126	
Hexachloroethane	1700		1100	ug/Kg	65				0	0	
Nitrobenzene	1700		1200	ug/Kg	71				0	0	
Isophorone	1700		1100	ug/Kg	65				0	0	
2-Nitrophenol	1700		1200	ug/Kg	71				0	0	
2,4-Dimethylphenol	1700		1000	ug/Kg	59				0	0	
Bis(2-chloroethoxy)methane	1700		1100	ug/Kg	65				0	0	
2,4-Dichlorophenol	1700		1200	ug/Kg	71				0	0	
Naphthalene	1700		1200	ug/Kg	71				0	0	
4-Chloroaniline	1700		940	ug/Kg	55				0	0	
Hexachlorobutadiene	1700		1200	ug/Kg	71				0	0	
Caprolactam	1700		1200	ug/Kg	71				0	0	
4-Chloro-3-methylphenol	1700		1200	ug/Kg	71				26	103	
1-Methylnaphthalene	1700		1100	ug/Kg	65				0	0	
2-Methylnaphthalene	1700		1200	ug/Kg	71				0	0	
Hexachlorocyclopentadiene	1700		410	ug/Kg	24				0	0	
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
1,1'-Biphenyl	1700		1200	ug/Kg	71				0	0	
2-Chloronaphthalene	1700		1200	ug/Kg	71				0	0	
2-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Dimethylphthalate	1700		1200	ug/Kg	71				0	0	
2,6-Dinitrotoluene	1700		1200	ug/Kg	71				0	0	
Acenaphthylene	1700		1200	ug/Kg	71				0	0	
3-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Acenaphthene	1700		1200	ug/Kg	71				31	137	
2,4-Dinitrophenol	1700		1200	ug/Kg	71				0	0	
4-Nitrophenol	1700		1400	ug/Kg	82				11	114	
Dibenzofuran	1700		1300	ug/Kg	76				0	0	
2,4-Dinitrotoluene	1700		1400	ug/Kg	82				28	89	
Diethylphthalate	1700		1200	ug/Kg	71				0	0	
Fluorene	1700		1300	ug/Kg	76				0	0	
4-Chlorophenyl-phenylether	1700		1200	ug/Kg	71				0	0	
4-Nitroaniline	1700		1800	ug/Kg	106				0	0	
4,6-Dinitro-2-methylphenol	1700		1200	ug/Kg	71				0	0	
N-Nitrosodiphenylamine	1700		1200	ug/Kg	71				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1200	ug/Kg	71				0	0	
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
Hexachlorobenzene	1700		1200	ug/Kg	71				0	0	
Atrazine	1700		850	ug/Kg	50				0	0	
Pentachlorophenol	1700		1100	ug/Kg	65				17	109	
Phenanthrene	1700		1300	ug/Kg	76				0	0	
Pentachlorobenzene	1700		1100	ug/Kg	65				0	0	
Anthracene	1700		1200	ug/Kg	71				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
Carbazole	1700		1400	ug/Kg	82				0	0	
Di-n-butylphthalate	1700		1200	ug/Kg	71				0	0	
Fluoranthene	1700		1000	ug/Kg	59				0	0	
Pyrene	1700		1100	ug/Kg	65				35	142	
Butylbenzylphthalate	1700		1100	ug/Kg	65				0	0	
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76				0	0	
Benzo(a)anthracene	1700		1200	ug/Kg	71				0	0	
Chrysene	1700		1300	ug/Kg	76				0	0	
Bis(2-ethylhexyl)phthalate	1700		1100	ug/Kg	65				0	0	
Di-n-octylphthalate	1700		1100	ug/Kg	65				0	0	
Benzo(b)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(k)fluoranthene	1700		1200	ug/Kg	71				0	0	
Benzo(a)pyrene	1700		1100	ug/Kg	65				0	0	
Indeno(1,2,3-cd)pyrene	1700		1300	ug/Kg	76				0	0	
Dibenzo(a,h)anthracene	1700		1300	ug/Kg	76				0	0	
Benzo(g,h,i)perylene	1700		1200	ug/Kg	71				0	0	
2,3,4,6-Tetrachlorophenol	1700		1200	ug/Kg	71				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3278-20MSD	Client Sample ID:	E1ZS0MSD					DataFile:	BP021360.D		
1,4-Dioxane	680		560	ug/Kg	82		14		15	120	50
Benzaldehyde	1700		1300	ug/Kg	76		16	*	0	0	0
Pyridine	1700		1300	ug/Kg	76		16	*	0	0	0
Phenol	1700		1400	ug/Kg	82		14		26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76		16	*	0	0	0
2-Chlorophenol	1700		1400	ug/Kg	82		14		25	102	50
2-Methylphenol	1700		1300	ug/Kg	76		16	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1300	ug/Kg	76		16	*	0	0	0
Acetophenone	1700		1300	ug/Kg	76		16	*	0	0	0
4-Methylphenol	1700		1300	ug/Kg	76		16	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71		18		41	126	38
Hexachloroethane	1700		1300	ug/Kg	76		16	*	0	0	0
Nitrobenzene	1700		1400	ug/Kg	82		14	*	0	0	0
Isophorone	1700		1300	ug/Kg	76		16	*	0	0	0
2-Nitrophenol	1700		1500	ug/Kg	88		21	*	0	0	0
2,4-Dimethylphenol	1700		1300	ug/Kg	76		25	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76		16	*	0	0	0
2,4-Dichlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0
Naphthalene	1700		1400	ug/Kg	82		14	*	0	0	0
4-Chloroaniline	1700		1100	ug/Kg	65		17	*	0	0	0
Hexachlorobutadiene	1700		1300	ug/Kg	76		7	*	0	0	0
Caprolactam	1700		1600	ug/Kg	94		28	*	0	0	0
4-Chloro-3-methylphenol	1700		1500	ug/Kg	88		21		26	103	33
1-Methylnaphthalene	1700		1400	ug/Kg	82		23	*	0	0	0
2-Methylnaphthalene	1700		1400	ug/Kg	82		14	*	0	0	0
Hexachlorocyclopentadiene	1700		470	ug/Kg	28		15	*	0	0	0
2,4,6-Trichlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0
2,4,5-Trichlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0
1,1'-Biphenyl	1700		1400	ug/Kg	82		14	*	0	0	0
2-Chloronaphthalene	1700		1400	ug/Kg	82		14	*	0	0	0
2-Nitroaniline	1700		1600	ug/Kg	94		14	*	0	0	0
Dimethylphthalate	1700		1400	ug/Kg	82		14	*	0	0	0
2,6-Dinitrotoluene	1700		1500	ug/Kg	88		21	*	0	0	0
Acenaphthylene	1700		1400	ug/Kg	82		14	*	0	0	0
3-Nitroaniline	1700		1700	ug/Kg	100		20	*	0	0	0
Acenaphthene	1700		1400	ug/Kg	82		14		31	137	19
2,4-Dinitrophenol	1700		1500	ug/Kg	88		21	*	0	0	0
4-Nitrophenol	1700		1800	ug/Kg	106		26		11	114	50
Dibenzofuran	1700		1400	ug/Kg	82		8	*	0	0	0
2,4-Dinitrotoluene	1700		1600	ug/Kg	94	*	14		28	89	47
Diethylphthalate	1700		1400	ug/Kg	82		14	*	0	0	0
Fluorene	1700		1500	ug/Kg	88		15	*	0	0	0
4-Chlorophenyl-phenylether	1700		1300	ug/Kg	76		7	*	0	0	0
4-Nitroaniline	1700		2200	ug/Kg	129		20	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		1400	ug/Kg	82		14	*	0	0	0
N-Nitrosodiphenylamine	1700		1300	ug/Kg	76		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1400	ug/Kg	82		14	*	0	0	0
4-Bromophenyl-phenylether	1700		1200	ug/Kg	71		9	*	0	0	0
Hexachlorobenzene	1700		1300	ug/Kg	76		7	*	0	0	0
Atrazine	1700		960	ug/Kg	56		11	*	0	0	0
Pentachlorophenol	1700		1300	ug/Kg	76		16		17	109	47
Phenanthrene	1700		1400	ug/Kg	82		8	*	0	0	0
Pentachlorobenzene	1700		1200	ug/Kg	71		9	*	0	0	0
Anthracene	1700		1400	ug/Kg	82		14	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1200	ug/Kg	71		9	*	0	0	0
Carbazole	1700		1600	ug/Kg	94		14	*	0	0	0
Di-n-butylphthalate	1700		1400	ug/Kg	82		14	*	0	0	0
Fluoranthene	1700		1200	ug/Kg	71		18	*	0	0	0
Pyrene	1700		1200	ug/Kg	71		9		35	142	36
Butylbenzylphthalate	1700		1200	ug/Kg	71		9	*	0	0	0
3,3'-Dichlorobenzidine	1700		1400	ug/Kg	82		8	*	0	0	0
Benzo(a)anthracene	1700		1400	ug/Kg	82		14	*	0	0	0
Chrysene	1700		1400	ug/Kg	82		8	*	0	0	0
Bis(2-ethylhexyl)phthalate	1700		1200	ug/Kg	71		9	*	0	0	0
Di-n-octylphthalate	1700		1300	ug/Kg	76		16	*	0	0	0
Benzo(b)fluoranthene	1700		1400	ug/Kg	82		8	*	0	0	0
Benzo(k)fluoranthene	1700		1400	ug/Kg	82		14	*	0	0	0
Benzo(a)pyrene	1700		1300	ug/Kg	76		16	*	0	0	0
Indeno(1,2,3-cd)pyrene	1700		1400	ug/Kg	82		8	*	0	0	0
Dibenzo(a,h)anthracene	1700		1400	ug/Kg	82		8	*	0	0	0
Benzo(g,h,i)perylene	1700		1400	ug/Kg	82		14	*	0	0	0
2,3,4,6-Tetrachlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BP080324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-01	E1ZP6	BP021339.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	1.82	5	*	20	120
			Phenol-d5	40	16.00	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.62	42		10	150
			2-Chlorophenol-d4	40	16.59	41		15	120
			4-Methylphenol-d8	40	15.58	39		10	140
			Nitrobenzene-d5	40	16.72	42		10	135
			2-Nitrophenol-d4	40	16.90	42		10	120
			2,4-Dichlorophenol-d3	40	16.11	40		10	140
			4-Chloroaniline-d4	40	12.83	32		1	145
			Dimethylphthalate-d6	40	18.30	46		10	145
			Acenaphthylene-d8	40	17.86	45		15	120
			4-Nitrophenol-d4	40	14.20	35		10	150
			Fluorene-d10	40	19.26	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.59	29		10	130
			Anthracene-d10	40	18.32	46		10	150
			Pyrene-d10	40	19.60	49		10	130
			Benzo(a)pyrene-d12	40	14.34	36		10	140
P3278-02	E1ZP7	BP021340.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	13.43	34		20	120
			Phenol-d5	40	16.35	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.35	41		10	150
			2-Chlorophenol-d4	40	16.33	41		15	120
			4-Methylphenol-d8	40	16.85	42		10	140
			Nitrobenzene-d5	40	16.88	42		10	135
			2-Nitrophenol-d4	40	17.31	43		10	120
			2,4-Dichlorophenol-d3	40	15.76	39		10	140
			4-Chloroaniline-d4	40	17.90	45		1	145
			Dimethylphthalate-d6	40	20.90	52		10	145
			Acenaphthylene-d8	40	19.58	49		15	120
			4-Nitrophenol-d4	40	16.91	42		10	150
			Fluorene-d10	40	21.78	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.36	31		10	130
			Anthracene-d10	40	21.21	53		10	150
			Pyrene-d10	40	19.10	48		10	130
			Benzo(a)pyrene-d12	40	22.32	56		10	140
P3278-03	E1ZP8	BP021353.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	13.31	33		20	120
			Phenol-d5	40	15.50	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.90	40		10	150
			2-Chlorophenol-d4	40	15.97	40		15	120
			4-Methylphenol-d8	40	15.64	39		10	140
			Nitrobenzene-d5	40	15.08	38		10	135
			2-Nitrophenol-d4	40	15.69	39		10	120
			2,4-Dichlorophenol-d3	40	15.45	39		10	140
			4-Chloroaniline-d4	40	16.09	40		1	145
			Dimethylphthalate-d6	40	18.02	45		10	145
			Acenaphthylene-d8	40	17.04	43		15	120
			4-Nitrophenol-d4	40	14.99	37		10	150

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-03	E1ZP8	BP021353.D	Fluorene-d10	40	19.20	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.96	27		10	130
			Anthracene-d10	40	19.29	48		10	150
			Pyrene-d10	40	17.23	43		10	130
			Benzo(a)pyrene-d12	40	20.00	50		10	140
P3278-04	E1ZP9	BP021354.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.55	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.62	39		10	150
			2-Chlorophenol-d4	40	15.42	39		15	120
			4-Methylphenol-d8	40	14.02	35		10	140
			Nitrobenzene-d5	40	14.89	37		10	135
			2-Nitrophenol-d4	40	15.40	39		10	120
			2,4-Dichlorophenol-d3	40	14.37	36		10	140
			4-Chloroaniline-d4	40	12.10	30		1	145
			Dimethylphthalate-d6	40	17.41	44		10	145
			Acenaphthylene-d8	40	16.83	42		15	120
			4-Nitrophenol-d4	40	12.39	31		10	150
			Fluorene-d10	40	18.34	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.78	24		10	130
			Anthracene-d10	40	17.74	44		10	150
			Pyrene-d10	40	15.00	38		10	130
			Benzo(a)pyrene-d12	40	14.05	35		10	140
P3278-06	E1ZQ2	BP021355.D	1,4-Dioxane-d8	8	5.48	69		15	120
			Pyridine-d5	40	22.36	56		20	120
			Phenol-d5	40	25.26	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.76	67		10	150
			2-Chlorophenol-d4	40	26.71	67		15	120
			4-Methylphenol-d8	40	25.29	63		10	140
			Nitrobenzene-d5	40	28.65	72		10	135
			2-Nitrophenol-d4	40	27.93	70		10	120
			2,4-Dichlorophenol-d3	40	25.96	65		10	140
			4-Chloroaniline-d4	40	25.30	63		1	145
			Dimethylphthalate-d6	40	30.82	77		10	145
			Acenaphthylene-d8	40	30.85	77		15	120
			4-Nitrophenol-d4	40	22.39	56		10	150
			Fluorene-d10	40	32.63	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.65	42		10	130
			Anthracene-d10	40	31.87	80		10	150
			Pyrene-d10	40	28.13	70		10	130
			Benzo(a)pyrene-d12	40	34.49	86		10	140
P3278-07	E1ZQ3	BP021341.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	14.58	36		20	120
			Phenol-d5	40	16.58	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.38	43		10	150
			2-Chlorophenol-d4	40	17.50	44		15	120
			4-Methylphenol-d8	40	17.26	43		10	140
			Nitrobenzene-d5	40	17.73	44		10	135
			2-Nitrophenol-d4	40	17.94	45		10	120

Surrogate Summary

SW-846

SDG No.: **BP080324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-07	E1ZQ3	BP021341.D	2,4-Dichlorophenol-d3	40	16.46	41		10	140
			4-Chloroaniline-d4	40	18.01	45		1	145
			Dimethylphthalate-d6	40	20.96	52		10	145
			Acenaphthylene-d8	40	20.40	51		15	120
			4-Nitrophenol-d4	40	14.29	36		10	150
			Fluorene-d10	40	22.24	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.11	25		10	130
			Anthracene-d10	40	22.01	55		10	150
			Pyrene-d10	40	19.31	48		10	130
			Benzo(a)pyrene-d12	40	22.73	57		10	140
P3278-08	E1ZQ4	BP021352.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	21.37	53		20	120
			Phenol-d5	40	24.76	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.13	63		10	150
			2-Chlorophenol-d4	40	25.10	63		15	120
			4-Methylphenol-d8	40	25.36	63		10	140
			Nitrobenzene-d5	40	26.02	65		10	135
			2-Nitrophenol-d4	40	26.55	66		10	120
			2,4-Dichlorophenol-d3	40	25.67	64		10	140
			4-Chloroaniline-d4	40	25.51	64		1	145
			Dimethylphthalate-d6	40	29.79	74		10	145
			Acenaphthylene-d8	40	29.93	75		15	120
			4-Nitrophenol-d4	40	18.52	46		10	150
			Fluorene-d10	40	30.07	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.83	42		10	130
			Anthracene-d10	40	29.94	75		10	150
			Pyrene-d10	40	26.78	67		10	130
			Benzo(a)pyrene-d12	40	32.84	82		10	140
P3278-09	E1ZQ7	BP021347.D	1,4-Dioxane-d8	8	3.86	48		15	120
			Pyridine-d5	40	16.60	42		20	120
			Phenol-d5	40	17.48	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.82	45		10	150
			2-Chlorophenol-d4	40	18.38	46		15	120
			4-Methylphenol-d8	40	17.07	43		10	140
			Nitrobenzene-d5	40	18.02	45		10	135
			2-Nitrophenol-d4	40	18.06	45		10	120
			2,4-Dichlorophenol-d3	40	16.98	42		10	140
			4-Chloroaniline-d4	40	18.60	46		1	145
			Dimethylphthalate-d6	40	20.34	51		10	145
			Acenaphthylene-d8	40	19.40	48		15	120
			4-Nitrophenol-d4	40	16.71	42		10	150
			Fluorene-d10	40	21.26	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.66	32		10	130
			Anthracene-d10	40	21.02	53		10	150
			Pyrene-d10	40	18.68	47		10	130
			Benzo(a)pyrene-d12	40	21.43	54		10	140
P3278-10	E1ZQ8	BP021345.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	12.87	32		20	120
			Phenol-d5	40	13.66	34		10	130

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-10	E1ZQ8	BP021345.D	Bis(2-Chloroethyl)ether-d8	40	14.17	35		10	150
			2-Chlorophenol-d4	40	14.17	35		15	120
			4-Methylphenol-d8	40	13.25	33		10	140
			Nitrobenzene-d5	40	13.93	35		10	135
			2-Nitrophenol-d4	40	14.47	36		10	120
			2,4-Dichlorophenol-d3	40	13.39	33		10	140
			4-Chloroaniline-d4	40	14.05	35		1	145
			Dimethylphthalate-d6	40	15.75	39		10	145
			Acenaphthylene-d8	40	16.13	40		15	120
			4-Nitrophenol-d4	40	11.09	28		10	150
			Fluorene-d10	40	16.94	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.54	21		10	130
			Anthracene-d10	40	16.85	42		10	150
			Pyrene-d10	40	14.35	36		10	130
			Benzo(a)pyrene-d12	40	17.80	45		10	140
P3278-11	E1ZQ9	BP021346.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	13.63	34		20	120
			Phenol-d5	40	15.01	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.11	40		10	150
			2-Chlorophenol-d4	40	16.05	40		15	120
			4-Methylphenol-d8	40	15.70	39		10	140
			Nitrobenzene-d5	40	15.73	39		10	135
			2-Nitrophenol-d4	40	15.75	39		10	120
			2,4-Dichlorophenol-d3	40	15.22	38		10	140
			4-Chloroaniline-d4	40	16.10	40		1	145
			Dimethylphthalate-d6	40	17.70	44		10	145
			Acenaphthylene-d8	40	17.33	43		15	120
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	17.98	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.63	24		10	130
			Anthracene-d10	40	18.40	46		10	150
			Pyrene-d10	40	17.34	43		10	130
P3278-12	E1ZR0	BP021342.D	Benzo(a)pyrene-d12	40	19.31	48		10	140
			Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.27	28		15	120
			Phenol-d5	40	11.48	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.85	30		10	150
			2-Chlorophenol-d4	40	12.15	30		15	120
			4-Methylphenol-d8	40	10.75	27		10	140
			Nitrobenzene-d5	40	11.77	29		10	135
			2-Nitrophenol-d4	40	11.48	29		10	120
			2,4-Dichlorophenol-d3	40	11.93	30		10	140
			4-Chloroaniline-d4	40	9.74	24		1	145
			Dimethylphthalate-d6	40	13.72	34		10	145
			Acenaphthylene-d8	40	13.35	33		15	120
			4-Nitrophenol-d4	40	7.90	20		10	150
			Fluorene-d10	40	14.05	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.81	17		10	130
			Anthracene-d10	40	14.25	36		10	150

Surrogate Summary

SW-846

SDG No.: **BP080324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-12	E1ZR0	BP021342.D	Pyrene-d10	40	12.28	31		10	130
			Benzo(a)pyrene-d12	40	12.39	31		10	140
P3278-13	E1ZR1	BP021343.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	11.16	28		20	120
			Phenol-d5	40	14.34	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.26	38		10	150
			2-Chlorophenol-d4	40	15.31	38		15	120
			4-Methylphenol-d8	40	14.43	36		10	140
			Nitrobenzene-d5	40	15.26	38		10	135
			2-Nitrophenol-d4	40	15.26	38		10	120
			2,4-Dichlorophenol-d3	40	14.56	36		10	140
			4-Chloroaniline-d4	40	14.85	37		1	145
			Dimethylphthalate-d6	40	16.84	42		10	145
			Acenaphthylene-d8	40	17.60	44		15	120
			4-Nitrophenol-d4	40	13.54	34		10	150
			Fluorene-d10	40	18.09	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.43	24		10	130
			Anthracene-d10	40	18.20	45		10	150
			Pyrene-d10	40	15.61	39		10	130
			Benzo(a)pyrene-d12	40	18.64	47		10	140
P3278-14	E1ZR2	BP021344.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	14.19	35		20	120
			Phenol-d5	40	15.36	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.62	39		10	150
			2-Chlorophenol-d4	40	16.00	40		15	120
			4-Methylphenol-d8	40	16.08	40		10	140
			Nitrobenzene-d5	40	15.08	38		10	135
			2-Nitrophenol-d4	40	15.77	39		10	120
			2,4-Dichlorophenol-d3	40	14.28	36		10	140
			4-Chloroaniline-d4	40	16.72	42		1	145
			Dimethylphthalate-d6	40	18.67	47		10	145
			Acenaphthylene-d8	40	17.62	44		15	120
			4-Nitrophenol-d4	40	14.82	37		10	150
			Fluorene-d10	40	19.66	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.40	26		10	130
			Anthracene-d10	40	19.96	50		10	150
			Pyrene-d10	40	17.40	43		10	130
			Benzo(a)pyrene-d12	40	20.33	51		10	140
P3278-15	E1ZR7	BP021356.D	1,4-Dioxane-d8	8	2.36	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.29	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.47	31		10	150
			2-Chlorophenol-d4	40	12.55	31		15	120
			4-Methylphenol-d8	40	10.77	27		10	140
			Nitrobenzene-d5	40	11.73	29		10	135
			2-Nitrophenol-d4	40	11.79	29		10	120
			2,4-Dichlorophenol-d3	40	11.64	29		10	140
			4-Chloroaniline-d4	40	10.37	26		1	145
			Dimethylphthalate-d6	40	13.35	33		10	145

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-15	E1ZR7	BP021356.D	Acenaphthylene-d8	40	13.72	34		15	120
			4-Nitrophenol-d4	40	8.78	22		10	150
			Fluorene-d10	40	14.54	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.07	15		10	130
			Anthracene-d10	40	14.29	36		10	150
			Pyrene-d10	40	11.90	30		10	130
			Benzo(a)pyrene-d12	40	11.16	28		10	140
P3278-16	E1ZR8	BP021348.D	1,4-Dioxane-d8	8	2.00	25		15	120
			Pyridine-d5	40	8.41	21		20	120
			Phenol-d5	40	9.88	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.06	28		10	150
			2-Chlorophenol-d4	40	11.11	28		15	120
			4-Methylphenol-d8	40	10.40	26		10	140
			Nitrobenzene-d5	40	10.99	27		10	135
			2-Nitrophenol-d4	40	10.45	26		10	120
			2,4-Dichlorophenol-d3	40	10.73	27		10	140
			4-Chloroaniline-d4	40	10.87	27		1	145
			Dimethylphthalate-d6	40	12.46	31		10	145
			Acenaphthylene-d8	40	12.03	30		15	120
			4-Nitrophenol-d4	40	10.62	27		10	150
			Fluorene-d10	40	13.37	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.88	17		10	130
			Anthracene-d10	40	13.25	33		10	150
			Pyrene-d10	40	12.00	30		10	130
			Benzo(a)pyrene-d12	40	13.65	34		10	140
			1,4-Dioxane-d8	8	2.44	31		15	120
			Pyridine-d5	40	9.81	25		20	120
P3278-17	E1ZR9	BP021363.D	Phenol-d5	40	10.85	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.71	29		10	150
			2-Chlorophenol-d4	40	11.56	29		15	120
			4-Methylphenol-d8	40	11.23	28		10	140
			Nitrobenzene-d5	40	12.20	30		10	135
			2-Nitrophenol-d4	40	11.94	30		10	120
			2,4-Dichlorophenol-d3	40	11.26	28		10	140
			4-Chloroaniline-d4	40	12.25	31		1	145
			Dimethylphthalate-d6	40	13.92	35		10	145
			Acenaphthylene-d8	40	14.09	35		15	120
			4-Nitrophenol-d4	40	9.71	24		10	150
			Fluorene-d10	40	15.11	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.66	14		10	130
			Anthracene-d10	40	15.87	40		10	150
			Pyrene-d10	40	13.88	35		10	130
			Benzo(a)pyrene-d12	40	16.34	41		10	140
			1,4-Dioxane-d8	8	3.39	42		15	120
			Pyridine-d5	40	15.54	39		20	120
			Phenol-d5	40	18.23	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.72	47		10	150
P3278-18	E1ZS0	BP021358.D	2-Chlorophenol-d4	40	18.92	47		15	120
			4-Methylphenol-d8	40	18.76	47		10	140

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-18	E1ZS0	BP021358.D	Nitrobenzene-d5	40	19.41	49		10	135
			2-Nitrophenol-d4	40	19.23	48		10	120
			2,4-Dichlorophenol-d3	40	18.63	47		10	140
			4-Chloroaniline-d4	40	19.85	50		1	145
			Dimethylphthalate-d6	40	22.88	57		10	145
			Acenaphthylene-d8	40	22.93	57		15	120
			4-Nitrophenol-d4	40	18.35	46		10	150
			Fluorene-d10	40	24.27	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.69	37		10	130
			Anthracene-d10	40	24.74	62		10	150
			Pyrene-d10	40	21.39	53		10	130
			Benzo(a)pyrene-d12	40	26.31	66		10	140
P3278-19MS	E1ZS0MS	BP021359.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Pyridine-d5	40	17.96	45		20	120
			Phenol-d5	40	20.07	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.46	51		10	150
			2-Chlorophenol-d4	40	20.54	51		15	120
			4-Methylphenol-d8	40	18.72	47		10	140
			Nitrobenzene-d5	40	21.55	54		10	135
			2-Nitrophenol-d4	40	21.74	54		10	120
			2,4-Dichlorophenol-d3	40	22.18	55		10	140
			4-Chloroaniline-d4	40	21.23	53		1	145
			Dimethylphthalate-d6	40	22.83	57		10	145
			Acenaphthylene-d8	40	23.29	58		15	120
			4-Nitrophenol-d4	40	32.79	82		10	150
			Fluorene-d10	40	24.13	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.53	51		10	130
P3278-20MSD	E1ZS0MSD	BP021360.D	Anthracene-d10	40	23.96	60		10	150
			Pyrene-d10	40	20.71	52		10	130
			Benzo(a)pyrene-d12	40	25.55	64		10	140
			1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	20.97	52		20	120
			Phenol-d5	40	24.70	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.35	58		10	150
			2-Chlorophenol-d4	40	24.31	61		15	120
			4-Methylphenol-d8	40	23.05	58		10	140
			Nitrobenzene-d5	40	25.03	63		10	135
			2-Nitrophenol-d4	40	25.50	64		10	120
			2,4-Dichlorophenol-d3	40	26.08	65		10	140
			4-Chloroaniline-d4	40	24.85	62		1	145
			Dimethylphthalate-d6	40	26.47	66		10	145
			Acenaphthylene-d8	40	26.89	67		15	120
P3278-21	E1ZS1	BP021361.D	4-Nitrophenol-d4	40	39.26	98		10	150
			Fluorene-d10	40	27.76	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.45	59		10	130
			Anthracene-d10	40	26.68	67		10	150
			Pyrene-d10	40	23.87	60		10	130
			Benzo(a)pyrene-d12	40	29.06	73		10	140
			1,4-Dioxane-d8	8	3.11	39		15	120

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-21	E1ZS1	BP021361.D	Pyridine-d5	40	14.28	36		20	120
			Phenol-d5	40	15.78	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.92	42		10	150
			2-Chlorophenol-d4	40	17.15	43		15	120
			4-Methylphenol-d8	40	16.97	42		10	140
			Nitrobenzene-d5	40	15.63	39		10	135
			2-Nitrophenol-d4	40	16.37	41		10	120
			2,4-Dichlorophenol-d3	40	15.64	39		10	140
			4-Chloroaniline-d4	40	16.52	41		1	145
			Dimethylphthalate-d6	40	18.75	47		10	145
			Acenaphthylene-d8	40	18.52	46		15	120
			4-Nitrophenol-d4	40	14.23	36		10	150
			Fluorene-d10	40	19.99	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.50	26		10	130
			Anthracene-d10	40	20.14	50		10	150
			Pyrene-d10	40	17.86	45		10	130
			Benzo(a)pyrene-d12	40	20.05	50		10	140
P3278-22	E1ZS2	BP021362.D	1,4-Dioxane-d8	8	2.15	27		15	120
			Pyridine-d5	40	8.93	22		20	120
			Phenol-d5	40	9.48	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.91	27		10	150
			2-Chlorophenol-d4	40	10.45	26		15	120
			4-Methylphenol-d8	40	10.31	26		10	140
			Nitrobenzene-d5	40	9.77	24		10	135
			2-Nitrophenol-d4	40	10.19	25		10	120
			2,4-Dichlorophenol-d3	40	9.58	24		10	140
			4-Chloroaniline-d4	40	10.16	25		1	145
			Dimethylphthalate-d6	40	11.42	29		10	145
			Acenaphthylene-d8	40	11.43	29		15	120
			4-Nitrophenol-d4	40	5.70	14		10	150
			Fluorene-d10	40	11.60	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.51	11		10	130
			Anthracene-d10	40	11.52	29		10	150
			Pyrene-d10	40	10.02	25		10	130
			Benzo(a)pyrene-d12	40	12.38	31		10	140
P3278-23	E1ZS3	BP021357.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	11.77	29		20	120
			Phenol-d5	40	15.84	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.68	42		10	150
			2-Chlorophenol-d4	40	16.82	42		15	120
			4-Methylphenol-d8	40	16.95	42		10	140
			Nitrobenzene-d5	40	16.14	40		10	135
			2-Nitrophenol-d4	40	16.79	42		10	120
			2,4-Dichlorophenol-d3	40	16.79	42		10	140
			4-Chloroaniline-d4	40	17.17	43		1	145
			Dimethylphthalate-d6	40	20.57	51		10	145
			Acenaphthylene-d8	40	19.92	50		15	120
			4-Nitrophenol-d4	40	18.83	47		10	150
			Fluorene-d10	40	22.42	56		20	140

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3278-23	E1ZS3	BP021357.D	4,6-Dinitro-2-methylphenol-d2	40	12.93	32		10	130
			Anthracene-d10	40	21.73	54		10	150
			Pyrene-d10	40	19.52	49		10	130
			Benzo(a)pyrene-d12	40	22.23	56		10	140
PB162169BL	PB162169BL	BP021351.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	21.74	54		20	120
		BP021338.D	Pyridine-d5	40	22.10	55		20	120
			1,4-Dioxane-d8	8	5.11	64		15	120
		BP021351.D	Phenol-d5	40	21.53	54		10	130
			Phenol-d5	40	21.07	53		10	130
		BP021338.D	Bis(2-Chloroethyl)ether-d8	40	22.02	55		10	150
			Bis(2-Chloroethyl)ether-d8	40	22.80	57		10	150
		BP021351.D	2-Chlorophenol-d4	40	22.82	57		15	120
			2-Chlorophenol-d4	40	22.17	55		15	120
		BP021338.D	4-Methylphenol-d8	40	21.16	53		10	140
			4-Methylphenol-d8	40	21.33	53		10	140
		BP021351.D	Nitrobenzene-d5	40	23.37	58		10	135
			Nitrobenzene-d5	40	22.42	56		10	135
		BP021338.D	2-Nitrophenol-d4	40	22.21	56		10	120
			2-Nitrophenol-d4	40	23.26	58		10	120
		BP021351.D	2,4-Dichlorophenol-d3	40	21.10	53		10	140
			2,4-Dichlorophenol-d3	40	19.55	49		10	140
		BP021338.D	4-Chloroaniline-d4	40	22.09	55		1	145
			4-Chloroaniline-d4	40	22.40	56		1	145
		BP021351.D	Dimethylphthalate-d6	40	23.32	58		10	145
			Dimethylphthalate-d6	40	23.75	59		10	145
		BP021338.D	Acenaphthylene-d8	40	22.99	57		15	120
			Acenaphthylene-d8	40	23.79	59		15	120
		BP021351.D	4-Nitrophenol-d4	40	22.16	55		10	150
			4-Nitrophenol-d4	40	20.93	52		10	150
		BP021338.D	Fluorene-d10	40	24.40	61		20	140
			Fluorene-d10	40	24.21	61		20	140
		BP021351.D	4,6-Dinitro-2-methylphenol-d2	40	18.97	47		10	130
			4,6-Dinitro-2-methylphenol-d2	40	17.19	43		10	130
		BP021338.D	Anthracene-d10	40	24.40	61		10	150
			Anthracene-d10	40	25.72	64		10	150
		BP021351.D	Pyrene-d10	40	20.84	52		10	130
			Pyrene-d10	40	21.69	54		10	130
		BP021338.D	Benzo(a)pyrene-d12	40	23.88	60		10	140
			Benzo(a)pyrene-d12	40	25.30	63		10	140
PB162169BS	PB162169BS	BP021349.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	24.97	62		20	120
			Phenol-d5	40	24.83	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.05	63		10	150
			2-Chlorophenol-d4	40	25.17	63		15	120
			4-Methylphenol-d8	40	22.27	56		10	140
			Nitrobenzene-d5	40	26.24	66		10	135
			2-Nitrophenol-d4	40	26.36	66		10	120
			2,4-Dichlorophenol-d3	40	25.21	63		10	140

Surrogate Summary

SW-846

SDG No.: BP080324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162169BS	PB162169BS	BP021349.D	4-Chloroaniline-d4	40	23.69	59		1	145
			Dimethylphthalate-d6	40	25.22	63		10	145
			Acenaphthylene-d8	40	27.26	68		15	120
			4-Nitrophenol-d4	40	29.60	74		10	150
			Fluorene-d10	40	25.96	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.48	64		10	130
			Anthracene-d10	40	27.08	68		10	150
			Pyrene-d10	40	21.24	53		10	130
			Benzo(a)pyrene-d12	40	28.14	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080324

Lab Code: CHEM

SAS No.: BP080324 SDG NO.: BP080324

Lab File ID: BP021336.D

DFTPP Injection Date: 08/03/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.1
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	6.9
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	88.9
443	15.0 - 24.0% of mass 442	17.5 (19.7) 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
SSTD020724	SSTDCCC020	BP021337.D	08/03/2024	09:30
SBLK169	PB162169BL	BP021338.D	08/03/2024	10:13
E1ZP6	P3278-01	BP021339.D	08/03/2024	10:56
E1ZP7	P3278-02	BP021340.D	08/03/2024	11:38
E1ZQ3	P3278-07	BP021341.D	08/03/2024	12:23
E1ZR0	P3278-12	BP021342.D	08/03/2024	13:08
E1ZR1	P3278-13	BP021343.D	08/03/2024	13:54
E1ZR2	P3278-14	BP021344.D	08/03/2024	14:39
E1ZQ8	P3278-10	BP021345.D	08/03/2024	15:24
E1ZQ9	P3278-11	BP021346.D	08/03/2024	16:09
E1ZQ7	P3278-09	BP021347.D	08/03/2024	16:55
E1ZR8	P3278-16	BP021348.D	08/03/2024	17:40
SLCS169	PB162169BS	BP021349.D	08/03/2024	18:25
SSTD020725	SSTDCCC020	BP021350.D	08/03/2024	19:56
SBLK169	PB162169BL	BP021351.D	08/03/2024	20:41
E1ZQ4	P3278-08	BP021352.D	08/03/2024	21:26
E1ZP8	P3278-03	BP021353.D	08/03/2024	22:11
E1ZP9	P3278-04	BP021354.D	08/03/2024	22:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080324

Lab Code: CHEM

SAS No.: BP080324 SDG NO.: BP080324

Lab File ID: BP021336.D

DFTPP Injection Date: 08/03/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.1
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	6.9
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	88.9
443	15.0 - 24.0% of mass 442	17.5 (19.7) 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
E1ZQ2	P3278-06	BP021355.D	08/03/2024	23:42
E1ZR7	P3278-15	BP021356.D	08/04/2024	00:27
E1ZS3	P3278-23	BP021357.D	08/04/2024	01:13
E1ZS0	P3278-18	BP021358.D	08/04/2024	01:58
E1ZS0MS	P3278-19MS	BP021359.D	08/04/2024	02:44
E1ZS0MSD	P3278-20MSD	BP021360.D	08/04/2024	03:29
E1ZS1	P3278-21	BP021361.D	08/04/2024	04:13
E1ZS2	P3278-22	BP021362.D	08/04/2024	04:58
E1ZR9	P3278-17	BP021363.D	08/04/2024	05:43
SSTD020726	SSTDCCC020EC	BP021364.D	08/04/2024	07:12