

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 1:08:23

Lab File ID: BP020348.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020796 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.458	0.010	-14.6913	40.0
Benzaldehyde	0.863	0.869	0.010	0.6324	40.0
Pyridine	1.392	1.177	0.010	-15.4637	40.0
Phenol	1.773	1.551	0.080	-12.5149	20.0
Bis(2-Chloroethyl)ether	1.387	1.234	0.100	-11.0103	20.0
2-Chlorophenol	1.282	1.219	0.200	-4.9452	20.0
2-Methylphenol	1.322	1.177	0.010	-10.9629	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.502	0.010	-13.1736	40.0
Acetophenone	2.305	2.027	0.060	-12.0595	20.0
4-Methylphenol	1.437	1.298	0.010	-9.7059	20.0
N-Nitroso-di-n-propylamine	1.251	1.069	0.050	-14.5118	30.0
Hexachloroethane	0.586	0.553	0.100	-5.6152	20.0
Nitrobenzene	0.430	0.399	0.050	-7.2581	25.0
Isophorone	0.827	0.734	0.050	-11.2522	25.0
2-Nitrophenol	0.178	0.179	0.050	0.7952	25.0
2,4-Dimethylphenol	0.388	0.361	0.050	-6.9601	25.0
Bis(2-Chloroethoxy)methane	0.458	0.417	0.050	-9.0595	20.0
2,4-Dichlorophenol	0.304	0.306	0.060	0.3546	20.0
Naphthalene	1.031	0.986	0.200	-4.3327	20.0
4-Chloroaniline	0.428	0.397	0.010	-7.2271	40.0
Hexachlorobutadiene	0.236	0.240	0.040	1.5162	30.0
Caprolactam	0.106	0.098	0.010	-7.8738	40.0
4-Chloro-3-methylphenol	0.379	0.361	0.040	-4.855	25.0
1-Methylnaphthalene	0.722	0.689	0.100	-4.5505	20.0
2-Methylnaphthalene	0.717	0.688	0.100	-4.1499	20.0
Hexachlorocyclopentadiene	0.339	0.194	0.010	-42.8613	40.0
2,4,6-Trichlorophenol	0.391	0.388	0.090	-0.8041	25.0
2,4,5-Trichlorophenol	0.421	0.423	0.100	0.4658	25.0
1,1-Biphenyl	1.415	1.336	0.200	-5.5515	20.0
2-Chloronaphthalene	1.122	1.111	0.300	-0.9941	20.0
2-Nitroaniline	0.372	0.339	0.050	-8.9231	40.0
Dimethylphthalate	1.475	1.398	0.300	-5.2154	20.0
2,6-Dinitrotoluene	0.293	0.292	0.080	-0.4811	30.0
Acenaphthylene	1.815	1.765	0.400	-2.7119	20.0
3-Nitroaniline	0.274	0.258	0.010	-5.8289	40.0
Acenaphthene	1.220	1.171	0.200	-3.9972	20.0
2,4-Dinitrophenol	0.180	0.123	0.010	-31.7076	40.0
4-Nitrophenol	0.234	0.225	0.010	-3.9242	40.0
Dibenzofuran	1.677	1.633	0.300	-2.6133	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 1:08:23

Lab File ID: BP020348.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020796 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.434	0.070	2.9338	30.0
Diethylphthalate	1.473	1.418	0.300	-3.6776	20.0
Fluorene	1.394	1.359	0.200	-2.4506	20.0
4-Chlorophenyl-phenylether	0.739	0.737	0.100	-0.2885	20.0
4-Nitroaniline	0.228	0.249	0.010	9.3701	40.0
4,6-Dinitro-2-methylphenol	0.132	0.113	0.010	-14.8755	40.0
N-Nitrosodiphenylamine	0.557	0.529	0.050	-4.934	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.634	0.100	1.6023	20.0
4-Bromophenyl-phenylether	0.217	0.217	0.070	-0.0463	20.0
Hexachlorobenzene	0.251	0.253	0.050	0.9119	25.0
Atrazine	0.197	0.184	0.010	-6.6872	25.0
Pentachlorophenol	0.152	0.139	0.010	-8.6338	40.0
Phenanthrene	1.020	0.996	0.200	-2.3715	20.0
Pentachlorobenzene	0.297	0.288	0.050	-3.168	20.0
Anthracene	1.038	1.025	0.200	-1.1981	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.288	0.050	-3.0003	20.0
Carbazole	0.894	0.901	0.050	0.7722	40.0
Di-n-butylphthalate	1.084	1.093	0.500	0.8089	25.0
Fluoranthene	1.376	1.236	0.400	-10.1691	25.0
Pyrene	1.432	1.265	0.400	-11.6444	25.0
Butylbenzylphthalate	0.543	0.509	0.100	-6.263	40.0
3,3-Dichlorobenzidine	0.407	0.416	0.010	2.1384	40.0
Benzo (a) anthracene	1.357	1.293	0.300	-4.7179	30.0
Chrysene	1.257	1.203	0.200	-4.3364	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.732	0.200	-6.6396	40.0
Di-n-octyl phthalate	1.281	1.131	0.010	-11.7195	40.0
Benzo (b) fluoranthene	1.190	1.114	0.200	-6.383	25.0
Benzo (k) fluoranthene	1.212	1.151	0.200	-5.0994	25.0
Benzo (a) pyrene	1.132	1.087	0.200	-3.9881	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.327	0.200	-4.3534	25.0
Dibenzo (a,h) anthracene	1.148	1.102	0.200	-3.9795	30.0
Benzo (g,h,i) perylene	1.119	1.055	0.200	-5.7745	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.375	0.040	-0.8959	20.0
1,4-Dioxane-d8	0.474	0.455	0.010	-3.8477	25.0
Pyridine-d5	1.376	1.193	0.010	-13.2978	40.0
Phenol-d5	1.718	1.546	0.010	-10.0126	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.898	0.050	-13.888	25.0
2-Chlorophenol-d4	1.228	1.178	0.200	-4.0849	20.0
4-Methylphenol-d8	1.389	1.237	0.010	-10.9385	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324
Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 1:08:23
Lab File ID: BP020348.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020796 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.149	0.050	-0.6211	20.0
2-Nitrophenol-d4	0.172	0.172	0.050	0.1004	30.0
2,4-Dichlorophenol-d3	0.313	0.312	0.060	-0.1885	20.0
4-Chloroaniline-d4	0.438	0.411	0.010	-6.147	40.0
Dimethylphthalate-d6	1.461	1.382	0.300	-5.358	20.0
Acenaphthylene-d8	1.613	1.557	0.400	-3.5107	20.0
4-Nitrophenol-d4	0.224	0.148	0.010	-34.0841	40.0
Fluorene-d10	1.218	1.199	0.100	-1.549	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.112	0.010	-11.7107	40.0
Anthracene-d10	0.865	0.868	0.300	0.3414	20.0
Pyrene-d10	1.169	1.052	0.300	-10.0426	25.0
Benzo(a)pyrene-d12	0.967	0.925	0.010	-4.3329	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.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 17:08

Lab File ID: BP020357.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020797 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.455	0.010	-15.3799	40.0
Benzaldehyde	0.863	0.843	0.010	-2.3324	40.0
Pyridine	1.392	1.163	0.010	-16.4093	40.0
Phenol	1.773	1.533	0.080	-13.5487	20.0
Bis(2-Chloroethyl) ether	1.387	1.221	0.100	-11.966	20.0
2-Chlorophenol	1.282	1.196	0.200	-6.705	20.0
2-Methylphenol	1.322	1.186	0.010	-10.2864	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.484	0.010	-14.2656	40.0
Acetophenone	2.305	1.997	0.060	-13.3592	20.0
4-Methylphenol	1.437	1.259	0.010	-12.4234	20.0
N-Nitroso-di-n-propylamine	1.251	1.062	0.050	-15.0701	30.0
Hexachloroethane	0.586	0.558	0.100	-4.779	20.0
Nitrobenzene	0.430	0.388	0.050	-9.658	25.0
Isophorone	0.827	0.735	0.050	-11.1002	25.0
2-Nitrophenol	0.178	0.179	0.050	0.668	25.0
2,4-Dimethylphenol	0.388	0.365	0.050	-5.9173	25.0
Bis(2-Chloroethoxy) methane	0.458	0.409	0.050	-10.7133	20.0
2,4-Dichlorophenol	0.304	0.311	0.060	2.1416	20.0
Naphthalene	1.031	1.005	0.200	-2.4704	20.0
4-Chloroaniline	0.428	0.399	0.010	-6.8252	40.0
Hexachlorobutadiene	0.236	0.245	0.040	3.4141	30.0
Caprolactam	0.106	0.100	0.010	-6.3382	40.0
4-Chloro-3-methylphenol	0.379	0.365	0.040	-3.7659	25.0
1-Methylnaphthalene	0.722	0.694	0.100	-3.9087	20.0
2-Methylnaphthalene	0.717	0.689	0.100	-3.9313	20.0
Hexachlorocyclopentadiene	0.339	0.203	0.010	-40.2228	40.0
2,4,6-Trichlorophenol	0.391	0.381	0.090	-2.4884	25.0
2,4,5-Trichlorophenol	0.421	0.409	0.100	-2.7111	25.0
1,1-Biphenyl	1.415	1.323	0.200	-6.4677	20.0
2-Chloronaphthalene	1.122	1.083	0.300	-3.4836	20.0
2-Nitroaniline	0.372	0.353	0.050	-5.2557	40.0
Dimethylphthalate	1.475	1.397	0.300	-5.2913	20.0
2,6-Dinitrotoluene	0.293	0.293	0.080	-0.0184	30.0
Acenaphthylene	1.815	1.726	0.400	-4.9114	20.0
3-Nitroaniline	0.274	0.262	0.010	-4.3372	40.0
Acenaphthene	1.220	1.166	0.200	-4.3519	20.0
2,4-Dinitrophenol	0.180	0.128	0.010	-28.9367	40.0
4-Nitrophenol	0.234	0.231	0.010	-0.9684	40.0
Dibenzofuran	1.677	1.655	0.300	-1.3177	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 1:17:08

Lab File ID: BP020357.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020797 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.430	0.070	1.9192	30.0
Diethylphthalate	1.473	1.440	0.300	-2.2422	20.0
Fluorene	1.394	1.361	0.200	-2.311	20.0
4-Chlorophenyl-phenylether	0.739	0.739	0.100	0.0118	20.0
4-Nitroaniline	0.228	0.262	0.010	15.0458	40.0
4,6-Dinitro-2-methylphenol	0.132	0.116	0.010	-12.2396	40.0
N-Nitrosodiphenylamine	0.557	0.524	0.050	-5.8431	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.629	0.100	0.8956	20.0
4-Bromophenyl-phenylether	0.217	0.217	0.070	0.0343	20.0
Hexachlorobenzene	0.251	0.253	0.050	0.9113	25.0
Atrazine	0.197	0.182	0.010	-7.7438	25.0
Pentachlorophenol	0.152	0.145	0.010	-4.6333	40.0
Phenanthrene	1.020	1.002	0.200	-1.7776	20.0
Pentachlorobenzene	0.297	0.284	0.050	-4.5926	20.0
Anthracene	1.038	1.030	0.200	-0.7688	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.277	0.050	-6.8395	20.0
Carbazole	0.894	0.907	0.050	1.4862	40.0
Di-n-butylphthalate	1.084	1.117	0.500	3.0529	25.0
Fluoranthene	1.376	1.187	0.400	-13.7381	25.0
Pyrene	1.432	1.232	0.400	-13.9546	25.0
Butylbenzylphthalate	0.543	0.506	0.100	-6.8369	40.0
3,3-Dichlorobenzidine	0.407	0.402	0.010	-1.2554	40.0
Benzo (a) anthracene	1.357	1.288	0.300	-5.0819	30.0
Chrysene	1.257	1.223	0.200	-2.7141	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.762	0.200	-2.7569	40.0
Di-n-octyl phthalate	1.281	1.157	0.010	-9.6619	40.0
Benzo (b) fluoranthene	1.190	1.148	0.200	-3.4878	25.0
Benzo (k) fluoranthene	1.212	1.122	0.200	-7.4579	25.0
Benzo (a) pyrene	1.132	1.076	0.200	-4.9216	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.304	0.200	-6.003	25.0
Dibenzo (a,h) anthracene	1.148	1.075	0.200	-6.3383	30.0
Benzo (g,h,i) perylene	1.119	1.033	0.200	-7.6935	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.391	0.040	3.564	20.0
1,4-Dioxane-d8	0.474	0.430	0.010	-9.2112	25.0
Pyridine-d5	1.376	1.144	0.010	-16.8408	40.0
Phenol-d5	1.718	1.489	0.010	-13.2852	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.899	0.050	-13.814	25.0
2-Chlorophenol-d4	1.228	1.143	0.200	-6.9031	20.0
4-Methylphenol-d8	1.389	1.236	0.010	-10.9824	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324
 Instrument ID: BNA_P Calibration Date/Time: 5/13/2024 1:17:08
 Lab File ID: BP020357.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020797 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.145	0.050	-2.9762	20.0
2-Nitrophenol-d4	0.172	0.171	0.050	-0.5379	30.0
2,4-Dichlorophenol-d3	0.313	0.314	0.060	0.386	20.0
4-Chloroaniline-d4	0.438	0.415	0.010	-5.2913	40.0
Dimethylphthalate-d6	1.461	1.395	0.300	-4.504	20.0
Acenaphthylene-d8	1.613	1.543	0.400	-4.3607	20.0
4-Nitrophenol-d4	0.224	0.166	0.010	-26.0272	40.0
Fluorene-d10	1.218	1.205	0.100	-1.07	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.110	0.010	-13.1281	40.0
Anthracene-d10	0.865	0.880	0.300	1.7273	20.0
Pyrene-d10	1.169	1.017	0.300	-13.0348	25.0
Benzo(a)pyrene-d12	0.967	0.921	0.010	-4.7287	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.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:00:24

Lab File ID: BP020366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020798 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.469	0.010	-12.731	50.0
Benzaldehyde	0.863	0.850	0.010	-1.5669	50.0
Pyridine	1.392	1.181	0.010	-15.1512	50.0
Phenol	1.773	1.547	0.080	-12.7613	50.0
Bis(2-Chloroethyl) ether	1.387	1.197	0.100	-13.7361	50.0
2-Chlorophenol	1.282	1.193	0.200	-6.9573	50.0
2-Methylphenol	1.322	1.145	0.010	-13.3888	50.0
2,2-oxybis(1-Chloropropane)	1.730	1.445	0.010	-16.4825	50.0
Acetophenone	2.305	1.954	0.060	-15.2321	50.0
4-Methylphenol	1.437	1.224	0.010	-14.8416	50.0
N-Nitroso-di-n-propylamine	1.251	1.033	0.050	-17.3727	50.0
Hexachloroethane	0.586	0.538	0.100	-8.2793	50.0
Nitrobenzene	0.430	0.389	0.050	-9.4481	50.0
Isophorone	0.827	0.706	0.050	-14.656	50.0
2-Nitrophenol	0.178	0.173	0.050	-2.609	50.0
2,4-Dimethylphenol	0.388	0.349	0.050	-9.986	50.0
Bis(2-Chloroethoxy) methane	0.458	0.400	0.050	-12.7143	50.0
2,4-Dichlorophenol	0.304	0.298	0.060	-2.2381	50.0
Naphthalene	1.031	0.967	0.200	-6.1627	50.0
4-Chloroaniline	0.428	0.384	0.010	-10.3295	50.0
Hexachlorobutadiene	0.236	0.239	0.040	1.0597	50.0
Caprolactam	0.106	0.089	0.010	-16.1991	50.0
4-Chloro-3-methylphenol	0.379	0.343	0.040	-9.4551	50.0
1-Methylnaphthalene	0.722	0.678	0.100	-6.1025	50.0
2-Methylnaphthalene	0.717	0.668	0.100	-6.9342	50.0
Hexachlorocyclopentadiene	0.339	0.190	0.010	-43.9518	50.0
2,4,6-Trichlorophenol	0.391	0.376	0.090	-3.749	50.0
2,4,5-Trichlorophenol	0.421	0.384	0.100	-8.8206	50.0
1,1-Biphenyl	1.415	1.322	0.200	-6.5701	50.0
2-Chloronaphthalene	1.122	1.055	0.300	-6.0149	50.0
2-Nitroaniline	0.372	0.337	0.050	-9.4557	50.0
Dimethylphthalate	1.475	1.362	0.300	-7.6439	50.0
2,6-Dinitrotoluene	0.293	0.277	0.080	-5.4742	50.0
Acenaphthylene	1.815	1.691	0.400	-6.8177	50.0
3-Nitroaniline	0.274	0.250	0.010	-8.4584	50.0
Acenaphthene	1.220	1.131	0.200	-7.2292	50.0
2,4-Dinitrophenol	0.180	0.115	0.010	-35.9134	50.0
4-Nitrophenol	0.234	0.224	0.010	-3.9851	50.0
Dibenzofuran	1.677	1.608	0.300	-4.0986	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324

Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:00:24

Lab File ID: BP020366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020798 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.414	0.070	-1.9151	50.0
Diethylphthalate	1.473	1.357	0.300	-7.8388	50.0
Fluorene	1.394	1.335	0.200	-4.2311	50.0
4-Chlorophenyl-phenylether	0.739	0.714	0.100	-3.4132	50.0
4-Nitroaniline	0.228	0.242	0.010	6.0543	50.0
4,6-Dinitro-2-methylphenol	0.132	0.109	0.010	-17.3693	50.0
N-Nitrosodiphenylamine	0.557	0.500	0.050	-10.2334	50.0
1,2,4,5-Tetrachlorobenzene	0.624	0.612	0.100	-1.8401	50.0
4-Bromophenyl-phenylether	0.217	0.207	0.070	-4.62	50.0
Hexachlorobenzene	0.251	0.244	0.050	-2.8337	50.0
Atrazine	0.197	0.178	0.010	-9.926	50.0
Pentachlorophenol	0.152	0.135	0.010	-10.7976	50.0
Phenanthrene	1.020	0.978	0.200	-4.1698	50.0
Pentachlorobenzene	0.297	0.278	0.050	-6.5289	50.0
Anthracene	1.038	1.003	0.200	-3.3819	50.0
1,2,3,4-Tetrachlorobenzene	0.297	0.280	0.050	-5.9388	50.0
Carbazole	0.894	0.867	0.050	-2.9928	50.0
Di-n-butylphthalate	1.084	1.034	0.500	-4.6122	50.0
Fluoranthene	1.376	1.181	0.400	-14.1781	50.0
Pyrene	1.432	1.227	0.400	-14.2588	50.0
Butylbenzylphthalate	0.543	0.465	0.100	-14.509	50.0
3,3-Dichlorobenzidine	0.407	0.393	0.010	-3.4034	50.0
Benzo (a) anthracene	1.357	1.268	0.300	-6.4994	50.0
Chrysene	1.257	1.188	0.200	-5.5168	50.0
Bis(2-ethylhexyl)phthalate	0.784	0.695	0.200	-11.4025	50.0
Di-n-octyl phthalate	1.281	1.093	0.010	-14.6706	50.0
Benzo (b) fluoranthene	1.190	1.162	0.200	-2.3093	50.0
Benzo (k) fluoranthene	1.212	1.124	0.200	-7.2843	50.0
Benzo (a) pyrene	1.132	1.072	0.200	-5.2943	50.0
Indeno (1,2,3-cd) pyrene	1.388	1.302	0.200	-6.191	50.0
Dibenzo (a,h) anthracene	1.148	1.074	0.200	-6.4114	50.0
Benzo (g,h,i) perylene	1.119	1.040	0.200	-7.1021	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.380	0.040	0.5084	50.0
1,4-Dioxane-d8	0.474	0.435	0.010	-8.1746	50.0
Pyridine-d5	1.376	1.163	0.010	-15.4985	50.0
Phenol-d5	1.718	1.441	0.010	-16.104	50.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.896	0.050	-14.1295	50.0
2-Chlorophenol-d4	1.228	1.154	0.200	-6.0416	50.0
4-Methylphenol-d8	1.389	1.215	0.010	-12.5263	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG No.: BP051324
 Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:00:24
 Lab File ID: BP020366.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020798 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.143	0.050	-4.7546	50.0
2-Nitrophenol-d4	0.172	0.169	0.050	-1.6058	50.0
2,4-Dichlorophenol-d3	0.313	0.302	0.060	-3.5609	50.0
4-Chloroaniline-d4	0.438	0.386	0.010	-11.9452	50.0
Dimethylphthalate-d6	1.461	1.335	0.300	-8.6006	50.0
Acenaphthylene-d8	1.613	1.500	0.400	-7.0269	50.0
4-Nitrophenol-d4	0.224	0.149	0.010	-33.6865	50.0
Fluorene-d10	1.218	1.174	0.100	-3.6023	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.103	0.010	-19.2257	50.0
Anthracene-d10	0.865	0.840	0.300	-2.91	50.0
Pyrene-d10	1.169	0.993	0.300	-15.0534	50.0
Benzo(a)pyrene-d12	0.967	0.902	0.010	-6.7693	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020349.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9800	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9800	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	760	U	760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	850	U	850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	950	U	950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	830	U	830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	470	U	470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1300	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	4900	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	4900	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020349.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	770	U	770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	830	U	830	2400	9800	ug/Kg
83-32-9	Acenaphthene	800	U	800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	800	U	800	1300	4900	ug/Kg
86-73-7	Fluorene	700	U	700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	790	U	790	1300	4900	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	820	U	820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	4900	ug/Kg
120-12-7	Anthracene	670	U	670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	4900	ug/Kg
86-74-8	Carbazole	600	U	600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020349.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	4900	ug/Kg
218-01-9	Chrysene	760	U	760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	U	890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900	U	900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950	U	950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.687		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.229		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.542		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.139		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.298		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.21		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.507		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.317		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.574		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.447		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.611		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.74		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.129		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	27.258		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020349.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.096		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	29.572		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.12		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.617		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78797	7.61				
1146-65-2	Naphthalene-d8	322126	10.381				
15067-26-2	Acenaphthene-d10	224335	14.281				
1517-22-2	Phenanthrene-d10	521304	17.116				
1719-03-5	Chrysene-d12	548516	21.61				
1520-96-3	Perylene-d12	616984	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7	SDG No.:	BP051324
Lab Sample ID:	P2371-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020350.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	43	U	43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.4	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7	SDG No.:	BP051324
Lab Sample ID:	P2371-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020350.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	6100	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7	SDG No.:	BP051324
Lab Sample ID:	P2371-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020350.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.4	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.106		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.977		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.629		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.984		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.283		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.57		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.212		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.303		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.119		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.657		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	21.739		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.284		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	24.023		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7	SDG No.:	BP051324
Lab Sample ID:	P2371-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020350.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.449		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	25.824		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	21.742		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.302		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66771	7.599				
1146-65-2	Naphthalene-d8	270978	10.375				
15067-26-2	Acenaphthene-d10	186217	14.275				
1517-22-2	Phenanthrene-d10	427130	17.11				
1719-03-5	Chrysene-d12	462665	21.622				
1520-96-3	Perylene-d12	545398	24.969				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-91-1	Methane, bis(2-chloroethoxy)-	900	J			7.052	
000541-73-1	Benzene, 1,3-dichloro-	1500	J			7.487	
000106-46-7	Benzene, 1,4-dichloro-	4200	J			7.946	
000621-64-7	1-Propanamine, N-nitroso-N-propyl-	3400	J			8.405	
004020-56-8	3,3,4,4,4-Pentachlorobutan-2-one	3700	J			8.652	
000111-44-4	Bis(2-chloroethyl) ether	980	J			9.81	
000091-20-3	Naphthalene	4400	J			10.428	
000059-50-7	Phenol, 4-chloro-3-methyl-	2500	J			11.693	
000088-06-2	Phenol, 2,4,6-trichloro-	1300	J			12.687	
000095-95-4	Phenol, 2,4,5-trichloro-	2700	J			12.757	
000090-13-1	Naphthalene, 1-chloro-	1600	J			13.128	
000606-20-2	Benzene, 2-methyl-1,3-dinitro-	3300	J			13.881	
000083-32-9	Acenaphthene	3400	J			14.346	
000121-14-2	Benzene, 1-methyl-2,4-dinitro-	2000	J			14.693	
000084-66-2	Diethyl Phthalate	4700	J			15.146	
007005-72-3	Benzene, 1-chloro-4-phenoxy-	5000	J			15.357	
000118-74-1	Benzene, hexachloro-	4700	J			16.387	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7	SDG No.:	BP051324
Lab Sample ID:	P2371-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020350.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005129-60-2	Pentadecanoic acid, 14-methyl-, me	76	J			17.834	
000057-10-3	n-Hexadecanoic acid	210	J			18.069	
000084-74-2	Dibutyl phthalate	4000	J			18.151	
000084-65-1	9,10-Anthracenedione	210	J			18.616	
056554-46-2	12-Octadecenoic acid, methyl ester	70	J			19.069	
000206-44-0	Fluoran thene	5600	J			19.275	
000117-81-7	Bis(2-ethylhexyl) phthalate	790	J			21.545	
000050-32-8	Benzo[a]pyrene	5200	J			23.986	
000053-70-3	Dibenz[a,h]anthracene	3500	J			28.88	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7DL	SDG No.:	BP051324
Lab Sample ID:	P2371-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020351.D	5	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	210	U	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	250	U	250	210	850	ug/Kg
67-72-1	Hexachloroethane	90	U	90	210	850	ug/Kg
98-95-3	Nitrobenzene	150	U	150	210	850	ug/Kg
78-59-1	Isophorone	240	U	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	210	U	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	210	850	ug/Kg
91-20-3	Naphthalene	120	U	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7DL	SDG No.:	BP051324
Lab Sample ID:	P2371-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020351.D	5	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	210	850	ug/Kg
208-96-8	Acenaphthylene	160	U	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	140	U	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	220	U	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	210	U	210	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	120	U	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5300	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	140	U	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	120	U	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	210	850	ug/Kg
206-44-0	Fluoranthene	270	U	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7DL	SDG No.:	BP051324
Lab Sample ID:	P2371-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020351.D	5	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	U	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	420	U	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	850	ug/Kg
218-01-9	Chrysene	150	U	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480	U	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.36		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.045		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.635		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.8		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	14.71		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.345		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.745		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.24		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.44		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.15		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	21.125		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.005		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.985		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7DL	SDG No.:	BP051324
Lab Sample ID:	P2371-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020351.D	5	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.395		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	25.27		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	22.72		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.46		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81378	7.61				
1146-65-2	Naphthalene-d8	338072	10.387				
15067-26-2	Acenaphthene-d10	232294	14.281				
1517-22-2	Phenanthrene-d10	512695	17.122				
1719-03-5	Chrysene-d12	508041	21.61				
1520-96-3	Perylene-d12	579769	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-44-4	Bis(2-chloroethyl) ether	630	JD			7.063	
000106-46-7	Benzene, 1,4-dichloro-	1200	JD			7.499	
000095-50-1	Benzene, 1,2-dichloro-	3300	JD			7.952	
000621-64-7	1-Propanamine, N-nitroso-N-propyl-	2500	JD			8.416	
004020-56-8	3,3,4,4,4-Pentachlorobutan-2-one	2800	JD			8.652	
000111-91-1	Methane, bis(2-chloroethoxy)-	990	JD			9.822	
000059-50-7	Phenol, 4-chloro-3-methyl-	2400	JD			11.71	
000088-06-2	Phenol, 2,4,6-trichloro-	1200	JD			12.693	
000095-95-4	Phenol, 2,4,5-trichloro-	2600	JD			12.775	
000090-13-1	Naphthalene, 1-chloro-	1600	JD			13.134	
000606-20-2	Benzene, 2-methyl-1,3-dinitro-	3200	JD			13.887	
000083-32-9	Acena phthene	3400	JD			14.351	
	unknown-01	4200	JD			14.516	
000121-14-2	Benzene, 1-methyl-2,4-dinitro-	1900	JD			14.704	
000084-66-2	Diethyl Phthalate	4600	JD			15.145	
007005-72-3	Benzene, 1-chloro-4-phenoxy-	5100	JD			15.363	
000118-74-1	Benzene, hexachloro-	4900	JD			16.392	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y7DL	SDG No.:	BP051324
Lab Sample ID:	P2371-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020351.D	5	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-74-2	Dibutyl phthalate	4000	JD			18.151	
000206-44-0	Fluoran thene	5600	JD			19.275	
000117-81-7	Bis(2-ethylhexyl) phthalate	2500	JD			21.539	
000218-01-9	Chry sene	2300	JD			21.669	
000050-32-8	Benzo[a]pyrene	4900	JD			23.968	
000053-70-3	Dibenz[a,h]anthracene	3100	JD			28.851	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3	SDG No.:	BP051324
Lab Sample ID:	P2372-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020352.D	1	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	43	U	43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.4	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3	SDG No.:	BP051324
Lab Sample ID:	P2372-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020352.D	1	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	7500	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3	SDG No.:	BP051324
Lab Sample ID:	P2372-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020352.D	1	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.4	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.011		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.931		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.814		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.253		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.616		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.781		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.237		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.578		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.126		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.907		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	26.498		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.568		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	29.542		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3	SDG No.:	BP051324
Lab Sample ID:	P2372-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020352.D	1	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.687		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	32.364		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	28.109		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.077		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76058	7.605				
1146-65-2	Naphthalene-d8	306421	10.381				
15067-26-2	Acenaphthene-d10	206592	14.281				
1517-22-2	Phenanthrene-d10	465336	17.128				
1719-03-5	Chrysene-d12	493644	21.622				
1520-96-3	Perylene-d12	583014	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-91-1	Methane, bis (2-chloroethoxy)-	97	J			7.058	
000541-73-1	Benzene, 1,3-dichloro-	170	J			7.493	
000095-50-1	Benzene, 1,2-dichloro-	460	J			7.946	
000621-64-7	1-Propanamine, N-nitroso-N-propyl-	360	J			8.416	
004020-56-8	3,3,4,4,4-Pentachlorobutan-2-one	400	J			8.652	
000111-44-4	Bis(2-chloroethyl) ether	1000	J			9.81	
000059-50-7	Phenol, 4-chloro-3-methyl-	2800	J			11.693	
000088-06-2	Phenol, 2,4,6-trichloro-	1400	J			12.681	
000095-95-4	Phenol, 2,4,5-trichloro-	3100	J			12.763	
000090-13-1	Naphthalene, 1-chloro-	1700	J			13.134	
000606-20-2	Benzene, 2-methyl-1,3-dinitro-	3900	J			13.881	
000083-32-9	Acena phthene	3900	J			14.345	
000121-14-2	Benzene, 1-methyl-2,4-dinitro-	2300	J			14.698	
000084-66-2	Diethyl Phthalate	5500	J			15.151	
007005-72-3	Benzene, 1-chloro-4-phenoxy-	6000	J			15.363	
000118-74-1	Benzene, hexachloro-	5500	J			16.392	
	unknown-01	67	J			17.769	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3	SDG No.:	BP051324
Lab Sample ID:	P2372-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020352.D	1	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-39-0	Hexadecanoic acid, methyl ester	130	J			17.845	
000057-10-3	n-Hexadecanoic acid	300	J			18.087	
000084-74-2	Dibutyl phthalate	4900	J			18.157	
000124-10-7	Methyl tetradecanoate	100	J			18.475	
000084-65-1	9,10-Anthracenedione	250	J			18.628	
056554-47-3	13-Octadecenoic acid, methyl ester	110	J			19.075	
000112-61-8	Methyl stearate	68	J			19.216	
000206-44-0	Fluoranthene	6400	J			19.281	
000117-81-7	Bis(2-ethylhexyl) phthalate	870	J			21.545	
000218-01-9	Chrysene	800	J			21.674	
000050-32-8	Benzo[a]pyrene	5800	J			23.992	
000053-70-3	Dibenz[a,h]anthracene	2200	J			28.868	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3DL	SDG No.:	BP051324
Lab Sample ID:	P2372-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020353.D	5	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	210	U	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	250	U	250	210	850	ug/Kg
67-72-1	Hexachloroethane	90	U	90	210	850	ug/Kg
98-95-3	Nitrobenzene	150	U	150	210	850	ug/Kg
78-59-1	Isophorone	240	U	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	210	U	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	210	850	ug/Kg
91-20-3	Naphthalene	120	U	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3DL	SDG No.:	BP051324
Lab Sample ID:	P2372-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020353.D	5	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	210	850	ug/Kg
208-96-8	Acenaphthylene	160	U	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	140	U	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	220	U	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	210	U	210	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	120	U	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	6000	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	140	U	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	120	U	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	210	850	ug/Kg
206-44-0	Fluoranthene	270	U	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3DL	SDG No.:	BP051324
Lab Sample ID:	P2372-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020353.D	5	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	U	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	420	U	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	850	ug/Kg
218-01-9	Chrysene	150	U	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480	U	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.765		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.645		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.02		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.6		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	14.155		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	17.95		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.935		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.805		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.755		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.46		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.075		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.735		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	27.79		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3DL	SDG No.:	BP051324
Lab Sample ID:	P2372-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020353.D	5	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.965		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	28.89		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	26.66		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.845		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84175	7.616				
1146-65-2	Naphthalene-d8	348967	10.381				
15067-26-2	Acenaphthene-d10	234206	14.281				
1517-22-2	Phenanthrene-d10	523209	17.116				
1719-03-5	Chrysene-d12	510428	21.616				
1520-96-3	Perylene-d12	583096	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-44-4	Bis(2-chloroethyl) ether	680	JD			7.063	
000541-73-1	Benzene, 1,3-dichloro-	1100	JD			7.499	
000106-46-7	Benzene, 1,4-dichloro-	3200	JD			7.958	
000621-64-7	1-Propanamine, N-nitroso-N-propyl-	2500	JD			8.422	
000067-72-1	Ethane, hexachloro-	2800	JD			8.663	
000111-91-1	Methane, bis(2-chloroethoxy)-	950	JD			9.822	
000091-20-3	Naphthalene	4400	JD			10.434	
000059-50-7	Phenol, 4-chloro-3-methyl-	2600	JD			11.704	
000088-06-2	Phenol, 2,4,6-trichloro-	1300	JD			12.693	
000095-95-4	Phenol, 2,4,5-trichloro-	2800	JD			12.775	
000090-13-1	Naphthalene, 1-chloro-	1600	JD			13.134	
000606-20-2	Benzene, 2-methyl-1,3-dinitro-	3500	JD			13.881	
000083-32-9	Acenaphthene	3700	JD			14.345	
	unknown-01	4500	JD			14.51	
000121-14-2	Benzene, 1-methyl-2,4-dinitro-	2200	JD			14.704	
000084-66-2	Diethyl Phthalate	5100	JD			15.145	
007005-72-3	Benzene, 1-chloro-4-phenoxy-	5700	JD			15.363	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y3DL	SDG No.:	BP051324
Lab Sample ID:	P2372-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP020353.D	5	5/8/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000118-74-1	Benzene, hexachloro-	5300	JD			16.387	
000085-69-8	1,2-Benzenedicarboxylic acid, buty	4500	JD			18.145	
000206-44-0	Fluoran thene	6000	JD			19.275	
000117-81-7	Bis(2-ethylhexyl) phthalate	2800	JD			21.533	
000050-32-8	Benzo[a]pyrene	5500	JD			23.974	
000053-70-3	Dibenz[a,h]anthracene	1500	JD			28.833	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	230	2400	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	2900	12000	ug/Kg
110-86-1	Pyridine	2000	U	2000	5900	12000	ug/Kg
108-95-2	Phenol	1400	U	1400	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	920	U	920	1500	5900	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400	U	2400	2900	12000	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2900	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1500	5900	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1500	5900	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5900	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	5900	ug/Kg
88-75-5	2-Nitrophenol	830	U	830	1500	5900	ug/Kg
105-67-9	2,4-Dimethylphenol	840	U	840	1500	5900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1500	5900	ug/Kg
120-83-2	2,4-Dichlorophenol	760	U	760	1500	5900	ug/Kg
91-20-3	Naphthalene	830	U	830	1500	5900	ug/Kg
106-47-8	4-Chloroaniline	660	U	660	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	1500	5900	ug/Kg
105-60-2	Caprolactam	3300	U	3300	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1500	5900	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	1500	5900	ug/Kg
91-57-6	2-Methylnaphthalene	760	U	760	1500	5900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	U	3200	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	900	U	900	1500	5900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	830	U	830	1500	5900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1500	5900	ug/Kg
88-74-4	2-Nitroaniline	1900	U	1900	1500	5900	ug/Kg
131-11-3	Dimethylphthalate	860	U	860	1500	5900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1500	5900	ug/Kg
208-96-8	Acenaphthylene	940	U	940	1500	5900	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	2900	12000	ug/Kg
83-32-9	Acenaphthene	970	U	970	1500	5900	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	U	3400	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2900	12000	ug/Kg
132-64-9	Dibenzofuran	850	U	850	1500	5900	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1500	5900	ug/Kg
84-66-2	Diethylphthalate	970	U	970	1500	5900	ug/Kg
86-73-7	Fluorene	840	U	840	1500	5900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	840	U	840	1500	5900	ug/Kg
100-01-6	4-Nitroaniline	910	U	910	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	860	U	860	1500	5900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	760	U	760	1500	5900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	840	U	840	1500	5900	ug/Kg
118-74-1	Hexachlorobenzene	960	U	960	1500	5900	ug/Kg
1912-24-9	Atrazine	2400	U	2400	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	230000	E	2100	2900	12000	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	1500	5900	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	5900	ug/Kg
120-12-7	Anthracene	810	U	810	1500	5900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000	U	2000	1500	5900	ug/Kg
86-74-8	Carbazole	720	U	720	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1500	5900	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	2900	5900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1500	5900	ug/Kg
85-68-7	Butylbenzylphthalate	2800	U	2800	1500	5900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	650	U	650	1500	5900	ug/Kg
218-01-9	Chrysene	920	U	920	1500	5900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100	U	3100	1500	5900	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	U	3200	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1500	5900	ug/Kg
207-08-9	Benzo(k)fluoranthene	910	U	910	1500	5900	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1500	5900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1500	5900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	910	U	910	1500	5900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	5900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	1100	1500	5900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.159		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.89		20-120		52	SPK: -40
4165-62-2	Phenol-d5	25.712		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.262		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.885		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	26.157		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	30.474		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.903		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.171		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.208		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.862		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.761		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.307		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	31.157		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.129		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	32.497		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	27.926		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.684		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64668	7.587				
1146-65-2	Naphthalene-d8	257355	10.363				
15067-26-2	Acenaphthene-d10	180983	14.286				
1517-22-2	Phenanthrene-d10	413361	17.133				
1719-03-5	Chrysene-d12	441058	21.621				
1520-96-3	Perylene-d12	507814	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic5.869	4900	J			5.869	
	(DEL) Alkane: Straight-Chain6.246	13000	J			6.246	
	(DEL) Alkane: Cyclic6.393	4400	J			6.393	
	(DEL) Alkane: Straight-Chain6.452	3100	J			6.452	
	(DEL) Alkane: Cyclic6.663	3300	J			6.663	
	(DEL) Alkane: Straight-Chain6.710	15000	J			6.71	
	(DEL) Alkane: Cyclic6.887	4600	J			6.887	
006750-34-1	1-Dodecanol, 3,7,11-trimethyl-	3400	J			7.01	
	(DEL) Alkane: Straight-Chain7.063	7200	J			7.063	
1000406-30-1	Methyl tetratriacontyl ether	3900	J			7.21	
	(DEL) Alkane: Straight-Chain7.281	6300	J			7.281	
	(DEL) Alkane: Straight-Chain7.357	14000	J			7.357	
015358-88-0	Bicyclo[3.1.1]heptan-3-one, 2,6,6-	22000	J			7.481	
	(DEL) Alkane: Straight-Chain7.528	10000	J			7.528	
002855-19-8	Oxirane, decyl-	19000	J			7.734	
	(DEL) Alkane: Cyclic7.781	4700	J			7.781	
	(DEL) Alkane: Cyclic7.904	8200	J			7.904	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic7.999	7100	J			7.999	
	(DEL) Alkane: Cyclic8.052	4000	J			8.052	
062831-62-3	4-Isopropyl-1,3-cyclohexanedione	15000	J			8.104	
	unknown-01	5000	J			8.21	
000493-02-7	Naphthalene, decahydro-, trans-	22000	J			8.381	
	(DEL) Alkane: Cyclic8.522	8600	J			8.522	
1010499-04-6	(1,2,4-Trimethylcyclohexyl)methano	36000	J			8.646	
	(DEL) Alkane: Cyclic8.851	16000	J			8.851	
	(DEL) Alkane: Cyclic8.893	31000	J			8.893	
	(DEL) Alkane: Straight-Chain8.969	6400	J			8.969	
1000283-05-1	3-Chloropropionic acid, heptadecyl	5100	J			9.004	
1000152-47-3	trans-Decalin, 2-methyl-	6700	J			9.263	
002547-27-5	trans-4a-Methyl-decahydronaphthalene	10000	J			9.516	
002049-95-8	Benzene, (1,1-dimethylpropyl)-	4700	J			9.563	
	(DEL) Alkane: Cyclic9.934	4700	J			9.934	
000700-56-1	2-Methyladamantane	2500	J			10.222	
136860-48-5	Adamantane, 1-isothiocyano-3-met	2400	J			10.463	
	unknown-02	2600	J			10.728	
	(DEL) Alkane: Straight-Chain11.375	2400	J			11.375	
	unknown-03	3000	J			13.898	
	unknown-04	7400	J			14.351	
	unknown-05	32000	J			14.522	
	unknown-06	3100	J			14.881	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	7500	J			14.957	
	unknown-07	4100	J			15.145	
	unknown-08	4000	J			16.663	
000057-10-3	n-Hexadecanoic acid	7700	J			18.092	
	(DEL) Alkane: Straight-Chain19.063	2700	J			19.063	
	(DEL) Alkane: Straight-Chain20.245	13000	J			20.245	
	(DEL) Alkane: Straight-Chain20.769	20000	J			20.769	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5ME	SDG No.:	BP051324
Lab Sample ID:	P2369-11ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020354.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain21.310	26000	J			21.31	
	(DEL) Alkane: Straight-Chain21.886	15000	J			21.886	
	(DEL) Alkane: Straight-Chain22.533	13000	J			22.533	
	(DEL) Alkane: Straight-Chain23.280	8100	J			23.28	
	(DEL) Alkane: Straight-Chain24.139	5700	J			24.139	
E966796	Total Alkanes	280000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	230	2300	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	2800	11000	ug/Kg
110-86-1	Pyridine	1900	U	1900	5700	11000	ug/Kg
108-95-2	Phenol	1400	U	1400	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	890	U	890	1500	5700	ug/Kg
95-48-7	2-Methylphenol	990	U	990	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300	U	2300	2800	11000	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2800	11000	ug/Kg
106-44-5	4-Methylphenol	970	U	970	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	1500	5700	ug/Kg
67-72-1	Hexachloroethane	550	U	550	1500	5700	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5700	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	5700	ug/Kg
88-75-5	2-Nitrophenol	800	U	800	1500	5700	ug/Kg
105-67-9	2,4-Dimethylphenol	810	U	810	1500	5700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1500	5700	ug/Kg
120-83-2	2,4-Dichlorophenol	730	U	730	1500	5700	ug/Kg
91-20-3	Naphthalene	800	U	800	1500	5700	ug/Kg
106-47-8	4-Chloroaniline	640	U	640	1500	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1600	U	1600	1500	5700	ug/Kg
105-60-2	Caprolactam	3200	U	3200	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1500	5700	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	1500	5700	ug/Kg
91-57-6	2-Methylnaphthalene	730	U	730	1500	5700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	870	U	870	1500	5700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	800	U	800	1500	5700	ug/Kg
91-58-7	2-Chloronaphthalene	800	U	800	1500	5700	ug/Kg
88-74-4	2-Nitroaniline	1800	U	1800	1500	5700	ug/Kg
131-11-3	Dimethylphthalate	830	U	830	1500	5700	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1500	5700	ug/Kg
208-96-8	Acenaphthylene	900	U	900	1500	5700	ug/Kg
99-09-2	3-Nitroaniline	970	U	970	2800	11000	ug/Kg
83-32-9	Acenaphthene	940	U	940	1500	5700	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	U	3300	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2800	11000	ug/Kg
132-64-9	Dibenzofuran	820	U	820	1500	5700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1500	5700	ug/Kg
84-66-2	Diethylphthalate	940	U	940	1500	5700	ug/Kg
86-73-7	Fluorene	810	U	810	1500	5700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810	U	810	1500	5700	ug/Kg
100-01-6	4-Nitroaniline	880	U	880	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	830	U	830	1500	5700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	730	U	730	1500	5700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	810	U	810	1500	5700	ug/Kg
118-74-1	Hexachlorobenzene	920	U	920	1500	5700	ug/Kg
1912-24-9	Atrazine	2300	U	2300	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	260000	E	2100	2800	11000	ug/Kg
85-01-8	Phenanthrene	960	U	960	1500	5700	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	5700	ug/Kg
120-12-7	Anthracene	780	U	780	1500	5700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900	U	1900	1500	5700	ug/Kg
86-74-8	Carbazole	700	U	700	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1500	5700	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	2800	5700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1500	5700	ug/Kg
85-68-7	Butylbenzylphthalate	2700	U	2700	1500	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800	U	1800	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	630	U	630	1500	5700	ug/Kg
218-01-9	Chrysene	890	U	890	1500	5700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	1500	5700	ug/Kg
117-84-0	Di-n-octyl phthalate	3100	U	3100	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1500	5700	ug/Kg
207-08-9	Benzo(k)fluoranthene	880	U	880	1500	5700	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1500	5700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	1000	1500	5700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880	U	880	1500	5700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	5700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	1100	1500	5700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.138		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.035		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.131		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.999		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.559		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.659		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.181		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.475		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.339		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.991		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.575		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.177		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.856		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.074		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.814		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	23.535		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	21.692		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.614		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88414	7.61				
1146-65-2	Naphthalene-d8	358924	10.381				
15067-26-2	Acenaphthene-d10	249999	14.281				
1517-22-2	Phenanthrene-d10	556686	17.122				
1719-03-5	Chrysene-d12	547352	21.616				
1520-96-3	Perylene-d12	637221	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic5.893	11000	J			5.893	
	(DEL) Alkane: Straight-Chain6.005	5900	J			6.005	
	(DEL) Alkane: Straight-Chain6.093	6300	J			6.093	
	(DEL) Alkane: Straight-Chain6.163	5400	J			6.163	
	(DEL) Alkane: Straight-Chain6.269	25000	J			6.269	
	(DEL) Alkane: Cyclic6.358	5900	J			6.358	
	(DEL) Alkane: Cyclic6.422	7600	J			6.422	
	(DEL) Alkane: Straight-Chain6.475	9700	J			6.475	
	(DEL) Alkane: Cyclic6.693	6800	J			6.693	
	(DEL) Alkane: Straight-Chain6.740	28000	J			6.74	
	(DEL) Alkane: Cyclic6.916	11000	J			6.916	
1000131-00-3	E-11,13-Tetradecadien-1-ol	8200	J			7.04	
	unknown-01	17000	J			7.081	
	(DEL) Alkane: Cyclic7.240	6300	J			7.24	
1000309-68-2	Oxalic acid, butyl cyclohexylmethy	11000	J			7.305	
	(DEL) Alkane: Straight-Chain7.381	22000	J			7.381	
015358-88-0	Bicyclo[3.1.1]heptan-3-one, 2,6,6-	36000	J			7.505	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-15-7	Sulfurous acid, octyl 2-pentyl est	46000	J			7.558	
	(DEL) Alkane: Straight-Chain7.722	17000	J			7.722	
	unknown-02	30000	J			7.763	
001674-10-8	Cyclohexene, 1,2-dimethyl-	7100	J			7.805	
	(DEL) Alkane: Cyclic7.928	15000	J			7.928	
110225-00-8	1-Dodecanol, 2-hexyl-	17000	J			8.01	
	(DEL) Alkane: Straight-Chain8.105	29000	J			8.105	
	(DEL) Alkane: Cyclic8.128	13000	J			8.128	
	(DEL) Alkane: Straight-Chain8.163	9100	J			8.163	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	27000	J			8.234	
000105-05-5	Benzene, 1,4-diethyl-	4900	J			8.275	
000493-02-7	Naphthalene, decahydro-, trans-	33000	J			8.405	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	21000	J			8.546	
000099-87-6	p-Cymene	9600	J			8.587	
1000499-04-1	(1,2,4-Trimethylcyclohexyl)methano	51000	J			8.669	
1000309-21-9	Sulfurous acid, cyclohexylmethyl u	21000	J			8.881	
	unknown-03	53000	J			8.922	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	23000	J			9.022	
	(DEL) Alkane: Straight-Chain9.210	9200	J			9.21	
1000152-47-3	trans-Decalin, 2-methyl-	9400	J			9.281	
002958-76-1	Naphthalene, decahydro-2-methyl-	14000	J			9.54	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	7900	J			9.581	
1000390-72-8	Succinic acid, dodec-2-en-1-yl tet	4800	J			9.64	
	(DEL) Alkane: Straight-Chain9.710	5200	J			9.71	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11000	J			9.787	
001595-05-7	Benzene, 1-methyl-4-butyl	9700	J			9.952	
005293-90-3	Cyclohexene, 2-ethenyl-1,3,3-trime	5600	J			10.24	
	unknown-04	4700	J			10.487	
	unknown-05	4700	J			12.093	
	unknown-06	6400	J			14.351	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6ME	SDG No.:	BP051324
Lab Sample ID:	P2369-12ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020355.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000058-90-2	Phenol, 2,3,4,6-tetrachloro-	8600	J			14.945	
000057-10-3	n-Hexadecanoic acid	4500	J			18.081	
	(DEL) Alkane: Straight-Chain20.227	13000	J			20.227	
	(DEL) Alkane: Straight-Chain20.757	18000	J			20.757	
	(DEL) Alkane: Straight-Chain21.292	20000	J			21.292	
	(DEL) Alkane: Straight-Chain21.874	13000	J			21.874	
	(DEL) Alkane: Straight-Chain22.527	9900	J			22.527	
	(DEL) Alkane: Straight-Chain23.263	6500	J			23.263	
013187-99-0	2-Bromo dodecane	4500	J			24.127	
	(DEL) Alkane: Straight-Chain25.133	3700	J			25.133	
E966796	Total Alkanes	330000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	230	2300	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	2900	12000	ug/Kg
110-86-1	Pyridine	2000	U	2000	5700	12000	ug/Kg
108-95-2	Phenol	1400	U	1400	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	900	U	900	1500	5800	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300	U	2300	2900	12000	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2900	12000	ug/Kg
106-44-5	4-Methylphenol	980	U	980	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1500	5800	ug/Kg
67-72-1	Hexachloroethane	550	U	550	1500	5800	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5800	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	5800	ug/Kg
88-75-5	2-Nitrophenol	810	U	810	1500	5800	ug/Kg
105-67-9	2,4-Dimethylphenol	820	U	820	1500	5800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1500	5800	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1500	5800	ug/Kg
91-20-3	Naphthalene	810	U	810	1500	5800	ug/Kg
106-47-8	4-Chloroaniline	650	U	650	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1600	U	1600	1500	5800	ug/Kg
105-60-2	Caprolactam	3200	U	3200	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1500	5800	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	1500	5800	ug/Kg
91-57-6	2-Methylnaphthalene	740	U	740	1500	5800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	880	U	880	1500	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	810	U	810	1500	5800	ug/Kg
91-58-7	2-Chloronaphthalene	810	U	810	1500	5800	ug/Kg
88-74-4	2-Nitroaniline	1800	U	1800	1500	5800	ug/Kg
131-11-3	Dimethylphthalate	840	U	840	1500	5800	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1500	5800	ug/Kg
208-96-8	Acenaphthylene	910	U	910	1500	5800	ug/Kg
99-09-2	3-Nitroaniline	980	U	980	2900	12000	ug/Kg
83-32-9	Acenaphthene	950	U	950	1500	5800	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	U	3300	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2900	12000	ug/Kg
132-64-9	Dibenzofuran	830	U	830	1500	5800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1500	5800	ug/Kg
84-66-2	Diethylphthalate	950	U	950	1500	5800	ug/Kg
86-73-7	Fluorene	820	U	820	1500	5800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820	U	820	1500	5800	ug/Kg
100-01-6	4-Nitroaniline	890	U	890	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	840	U	840	1500	5800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	740	U	740	1500	5800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820	U	820	1500	5800	ug/Kg
118-74-1	Hexachlorobenzene	940	U	940	1500	5800	ug/Kg
1912-24-9	Atrazine	2300	U	2300	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	280000	E	2100	2900	12000	ug/Kg
85-01-8	Phenanthrene	970	U	970	1500	5800	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	5800	ug/Kg
120-12-7	Anthracene	790	U	790	1500	5800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000	U	2000	1500	5800	ug/Kg
86-74-8	Carbazole	700	U	700	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1500	5800	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	2900	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1500	5800	ug/Kg
85-68-7	Butylbenzylphthalate	2800	U	2800	1500	5800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800	U	1800	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	630	U	630	1500	5800	ug/Kg
218-01-9	Chrysene	900	U	900	1500	5800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	1500	5800	ug/Kg
117-84-0	Di-n-octyl phthalate	3100	U	3100	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1500	5800	ug/Kg
207-08-9	Benzo(k)fluoranthene	890	U	890	1500	5800	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1500	5800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1500	5800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890	U	890	1500	5800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	5800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	1100	1500	5800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.231		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	21.479		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.106		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.365		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.598		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.863		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.594		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.766		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.965		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.173		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.902		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.256		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.817		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.672		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.873		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	29.995		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.611		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.519		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76998	7.61				
1146-65-2	Naphthalene-d8	301840	10.381				
15067-26-2	Acenaphthene-d10	215032	14.275				
1517-22-2	Phenanthrene-d10	468567	17.122				
1719-03-5	Chrysene-d12	465409	21.604				
1520-96-3	Perylene-d12	530743	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic5.587	2500	J			5.587	
	(DEL) Alkane: Straight-Chain5.646	4700	J			5.646	
	(DEL) Alkane: Cyclic5.893	8300	J			5.893	
	(DEL) Alkane: Straight-Chain6.005	5000	J			6.005	
	(DEL) Alkane: Straight-Chain6.093	7000	J			6.093	
	column bleed	7700	J			6.163	
	(DEL) Alkane: Straight-Chain6.269	17000	J			6.269	
	(DEL) Alkane: Cyclic6.358	3200	J			6.358	
	(DEL) Alkane: Cyclic6.416	4300	J			6.416	
	(DEL) Alkane: Straight-Chain6.475	4800	J			6.475	
	(DEL) Alkane: Straight-Chain6.558	3900	J			6.558	
	(DEL) Alkane: Straight-Chain6.593	10000	J			6.593	
	(DEL) Alkane: Straight-Chain6.646	7800	J			6.646	
	(DEL) Alkane: Cyclic6.693	5000	J			6.693	
1000406-38-6	Hexadecyl octyl ether	23000	J			6.752	
	(DEL) Alkane: Cyclic6.916	5400	J			6.916	
	(DEL) Alkane: Cyclic7.040	5200	J			7.04	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-21-2	Sulfurous acid, cyclohexylmethyl e	11000	J			7.075	
	(DEL) Alkane: Straight-Chain7.216	38000	J			7.216	
000108-67-8	Mesitylene	5400	J			7.252	
	unknown-01	11000	J			7.405	
	unknown-02	22000	J			7.505	
	(DEL) Alkane: Straight-Chain7.558	39000	J			7.558	
000095-63-6	Benzene, 1,2,4-trimethyl-	18000	J			7.71	
1000342-70-4	1-Octadecanesulphonyl chloride	13000	J			7.769	
	(DEL) Alkane: Straight-Chain7.834	6700	J			7.834	
	(DEL) Alkane: Cyclic7.863	14000	J			7.863	
	(DEL) Alkane: Cyclic7.922	8100	J			7.922	
045235-48-1	1-Decanol, 2-octyl-	8300	J			8.01	
	(DEL) Alkane: Straight-Chain8.105	29000	J			8.105	
	(DEL) Alkane: Straight-Chain8.163	17000	J			8.163	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	32000	J			8.234	
000493-02-7	Naphthalene, decahydro-, trans-	19000	J			8.405	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12000	J			8.54	
000099-87-6	p-Cymene	12000	J			8.587	
	(DEL) Alkane: Cyclic8.646	11000	J			8.646	
000527-84-4	o-Cymene	21000	J			8.681	
	(DEL) Alkane: Cyclic8.881	11000	J			8.881	
004116-93-2	2,8-Decadiyne	21000	J			8.928	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	53000	J			9.022	
	(DEL) Alkane: Straight-Chain9.210	29000	J			9.21	
002958-76-1	Naphthalene, decahydro-2-methyl-	21000	J			9.281	
1000155-85-6	cis-Decalin, 2-syn-methyl-	21000	J			9.54	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)	14000	J			9.581	
1000429-31-6	1,3-Dimethylbutyl isobutyrate	21000	J			9.64	
	(DEL) Alkane: Straight-Chain9.710	17000	J			9.71	
	unknown-03	29000	J			9.787	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7ME	SDG No.:	BP051324
Lab Sample ID:	P2369-13ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020356.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	7100	J			9.834	
	(DEL) Alkane: Straight-Chain9.893	9500	J			9.893	
001595-05-7	Benzene, 1-methyl-4-butyl	18000	J			9.946	
	unknown-04	11000	J			10.246	
	(DEL) Alkane: Cyclic11.057	5800	J			11.057	
000089-74-7	Ethanone, 1-(2,4-dimethylphenyl)-	6000	J			11.64	
	(DEL) Alkane: Straight-Chain11.799	5600	J			11.799	
	unknown-05	9300	J			12.24	
	unknown-06	6300	J			14.345	
	(DEL) Alkane: Straight-Chain14.516	6600	J			14.516	
004901-51-3	Phenol, 2,3,4,5-tetrachloro-	9000	J			14.951	
000057-10-3	n-Hexadecanoic acid	6900	J			18.081	
	(DEL) Alkane: Straight-Chain20.233	14000	J			20.233	
	(DEL) Alkane: Straight-Chain20.751	20000	J			20.751	
	(DEL) Alkane: Straight-Chain21.286	25000	J			21.286	
000544-77-4	Hexadecane, 1-iodo-	14000	J			21.869	
	(DEL) Alkane: Straight-Chain22.516	11000	J			22.516	
	(DEL) Alkane: Straight-Chain23.257	7000	J			23.257	
	(DEL) Alkane: Straight-Chain24.121	4700	J			24.121	
E966796	Total Alkanes	420000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020358.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	2000	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9800	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9800	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	760	U	760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	850	U	850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	950	U	950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	830	U	830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	470	U	470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1300	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	4900	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	4900	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020358.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	770	U	770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	830	U	830	2400	9800	ug/Kg
83-32-9	Acenaphthene	800	U	800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	800	U	800	1300	4900	ug/Kg
86-73-7	Fluorene	700	U	700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	790	U	790	1300	4900	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	820	U	820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	4900	ug/Kg
120-12-7	Anthracene	670	U	670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	4900	ug/Kg
86-74-8	Carbazole	600	U	600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020358.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	4900	ug/Kg
218-01-9	Chrysene	760	U	760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	U	890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900	U	900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950	U	950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.284		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	22.454		20-120		56	SPK: -40
4165-62-2	Phenol-d5	20.645		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.615		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.301		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	21.417		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.551		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.655		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.348		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.872		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.452		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.692		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.39		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.418		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SBLK849	SDG No.:	BP051324
Lab Sample ID:	PB160849BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020358.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.955		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	29.364		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	23.525		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.944		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65133	7.605				
1146-65-2	Naphthalene-d8	244855	10.381				
15067-26-2	Acenaphthene-d10	163326	14.287				
1517-22-2	Phenanthrene-d10	364501	17.128				
1719-03-5	Chrysene-d12	425311	21.622				
1520-96-3	Perylene-d12	542092	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5	SDG No.:	BP051324
Lab Sample ID:	P2371-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020359.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

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

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5	SDG No.:	BP051324
Lab Sample ID:	P2371-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020359.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

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

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5	SDG No.:	BP051324
Lab Sample ID:	P2371-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020359.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.4	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.909		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	28.087		20-120		70	SPK: -40
4165-62-2	Phenol-d5	31.558		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.432		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.635		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	32.274		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	35.961		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.616		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.933		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.457		1-145		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.078		10-145		105	SPK: -40
93951-97-4	Acenaphthylene-d8	40.26		15-120		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.712		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	43.275		20-140		108	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5	SDG No.:	BP051324
Lab Sample ID:	P2371-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020359.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.334		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	43.08		10-150		108	SPK: -40
1718-52-1	Pyrene-d10	40.172		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.758		10-140		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65767	7.611				
1146-65-2	Naphthalene-d8	265841	10.381				
15067-26-2	Acenaphthene-d10	187676	14.293				
1517-22-2	Phenanthrene-d10	422114	17.128				
1719-03-5	Chrysene-d12	450654	21.628				
1520-96-3	Perylene-d12	509130	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	190	J			3.481	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.175	
	unknown-01	410	J			14.522	
000057-10-3	n-Hexadecanoic acid	280	J			18.075	
000206-44-0	Fluoran thene	100	J			19.281	
000057-11-4	Octadecanoic acid	85	J			19.428	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			21.298	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MS	SDG No.:	BP051324
Lab Sample ID:	P2371-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020360.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	550		13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	1800		51	94.2	380	ug/Kg
110-86-1	Pyridine	1400		38	190	380	ug/Kg
108-95-2	Phenol	1500		49	94.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		46	94.2	380	ug/Kg
95-57-8	2-Chlorophenol	1600		26	48.5	190	ug/Kg
95-48-7	2-Methylphenol	1500		45	94.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		69	94.2	380	ug/Kg
98-86-2	Acetophenone	1400		46	94.2	380	ug/Kg
106-44-5	4-Methylphenol	1500		42	94.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		58	48.5	190	ug/Kg
67-72-1	Hexachloroethane	1500		21	48.5	190	ug/Kg
98-95-3	Nitrobenzene	1500		35	48.5	190	ug/Kg
78-59-1	Isophorone	1500		55	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	1700		35	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		29	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		49	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		18	48.5	190	ug/Kg
91-20-3	Naphthalene	1600		29	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	1500		27	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	1600		50	48.5	190	ug/Kg
105-60-2	Caprolactam	1600		82	94.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		56	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	1600		38	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		26	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900		110	94.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		56	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		45	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MS	SDG No.:	BP051324
Lab Sample ID:	P2371-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020360.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		27	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		30	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	1700		47	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	1600		33	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		50	48.5	190	ug/Kg
208-96-8	Acenaphthylene	1600		37	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	1800		50	94.2	380	ug/Kg
83-32-9	Acenaphthene	1600		33	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		55	94.2	380	ug/Kg
100-02-7	4-Nitrophenol	1400		50	94.2	380	ug/Kg
132-64-9	Dibenzofuran	1700		37	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		49	48.5	190	ug/Kg
84-66-2	Diethylphthalate	1600		34	48.5	190	ug/Kg
86-73-7	Fluorene	1700		29	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	2000		35	94.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		88	94.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		38	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		27	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		33	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	1700		37	48.5	190	ug/Kg
1912-24-9	Atrazine	1800		81	94.2	380	ug/Kg
87-86-5	Pentachlorophenol	1700		84	94.2	380	ug/Kg
85-01-8	Phenanthrene	1700		33	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	1700		59	48.5	190	ug/Kg
120-12-7	Anthracene	1600		29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		57	48.5	190	ug/Kg
86-74-8	Carbazole	1700		32	94.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	1700		70	48.5	190	ug/Kg
206-44-0	Fluoranthene	1500		62	94.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MS	SDG No.:	BP051324
Lab Sample ID:	P2371-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020360.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		56	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		55	94.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	1600		31	48.5	190	ug/Kg
218-01-9	Chrysene	1700		35	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		110	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		87	94.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		38	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	1500		37	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		35	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		32	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		30	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		38	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.495		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.272		20-120		66	SPK: -40
4165-62-2	Phenol-d5	31.43		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.25		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.733		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	30.211		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	35.095		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.68		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.513		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.834		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.685		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.016		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.617		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	36.261		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MS	SDG No.:	BP051324
Lab Sample ID:	P2371-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020360.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.92		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	37.136		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	32.694		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.89		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74761	7.61				
1146-65-2	Naphthalene-d8	299125	10.381				
15067-26-2	Acenaphthene-d10	202385	14.287				
1517-22-2	Phenanthrene-d10	449947	17.128				
1719-03-5	Chrysene-d12	474542	21.61				
1520-96-3	Perylene-d12	537992	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg



Client:				Date Collected:	4/30/2024 12:00:00 AM	
Project:				Date Received:	4/30/2024 12:00:00 AM	
Client Sample ID:	A43Q5MSD			SDG No.:	BP051324	
Lab Sample ID:	P2371-03MSD			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	12.5	
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020361.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	1800		51	94.1	380	ug/Kg
110-86-1	Pyridine	1300		38	190	380	ug/Kg
108-95-2	Phenol	1500		49	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		46	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	1500		26	48.5	190	ug/Kg
95-48-7	2-Methylphenol	1500		44	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		68	94.1	380	ug/Kg
98-86-2	Acetophenone	1400		46	94.1	380	ug/Kg
106-44-5	4-Methylphenol	1500		42	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		58	48.5	190	ug/Kg
67-72-1	Hexachloroethane	1400		21	48.5	190	ug/Kg
98-95-3	Nitrobenzene	1500		35	48.5	190	ug/Kg
78-59-1	Isophorone	1400		55	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	1600		35	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		29	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		49	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		18	48.5	190	ug/Kg
91-20-3	Naphthalene	1500		29	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	1400		27	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	1500		50	48.5	190	ug/Kg
105-60-2	Caprolactam	1600		82	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		56	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		38	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		26	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900		110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		56	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		44	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MSD	SDG No.:	BP051324
Lab Sample ID:	P2371-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020361.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		27	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		30	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	1600		47	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	1600		33	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		50	48.5	190	ug/Kg
208-96-8	Acenaphthylene	1500		37	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	1700		50	94.1	380	ug/Kg
83-32-9	Acenaphthene	1500		33	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		55	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	1900		50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	1600		37	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		49	48.5	190	ug/Kg
84-66-2	Diethylphthalate	1600		34	48.5	190	ug/Kg
86-73-7	Fluorene	1600		29	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	2100		35	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		88	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		38	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		27	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		33	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	1600		37	48.5	190	ug/Kg
1912-24-9	Atrazine	1700		81	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	1600		84	94.1	380	ug/Kg
85-01-8	Phenanthrene	1600		33	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	1600		59	48.5	190	ug/Kg
120-12-7	Anthracene	1600		29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		57	48.5	190	ug/Kg
86-74-8	Carbazole	1700		32	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	1700		70	48.5	190	ug/Kg
206-44-0	Fluoranthene	1400		62	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MSD	SDG No.:	BP051324
Lab Sample ID:	P2371-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020361.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		56	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		55	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	1600		31	48.5	190	ug/Kg
218-01-9	Chrysene	1600		35	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		87	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		38	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	1400		37	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		35	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		32	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		30	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		38	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.252		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.613		20-120		62	SPK: -40
4165-62-2	Phenol-d5	30.942		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.728		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.292		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	29.944		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	34.023		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.705		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.271		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.814		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.041		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.945		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.783		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	35.353		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Q5MSD	SDG No.:	BP051324
Lab Sample ID:	P2371-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020361.D	1	5/7/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.612		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	35.436		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	31.013		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.171		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71298	7.61				
1146-65-2	Naphthalene-d8	295323	10.381				
15067-26-2	Acenaphthene-d10	201056	14.287				
1517-22-2	Phenanthrene-d10	447692	17.122				
1719-03-5	Chrysene-d12	482790	21.604				
1520-96-3	Perylene-d12	546822	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-11MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020362.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1600	U	1600	1200	12000	ug/Kg
100-52-7	Benzaldehyde	8300	U	8300	14700	59000	ug/Kg
110-86-1	Pyridine	10000	U	10000	29300	59000	ug/Kg
108-95-2	Phenol	7100	U	7100	14700	59000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6500	U	6500	14700	59000	ug/Kg
95-57-8	2-Chlorophenol	4600	U	4600	7600	30000	ug/Kg
95-48-7	2-Methylphenol	5200	U	5200	14700	59000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12000	U	12000	14700	59000	ug/Kg
98-86-2	Acetophenone	5700	U	5700	14700	59000	ug/Kg
106-44-5	4-Methylphenol	5000	U	5000	14700	59000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	10000	U	10000	7600	30000	ug/Kg
67-72-1	Hexachloroethane	2800	U	2800	7600	30000	ug/Kg
98-95-3	Nitrobenzene	5600	U	5600	7600	30000	ug/Kg
78-59-1	Isophorone	6500	U	6500	7600	30000	ug/Kg
88-75-5	2-Nitrophenol	4100	U	4100	7600	30000	ug/Kg
105-67-9	2,4-Dimethylphenol	4200	U	4200	7600	30000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7700	U	7700	7600	30000	ug/Kg
120-83-2	2,4-Dichlorophenol	3800	U	3800	7600	30000	ug/Kg
91-20-3	Naphthalene	4100	U	4100	7600	30000	ug/Kg
106-47-8	4-Chloroaniline	3300	U	3300	7600	59000	ug/Kg
87-68-3	Hexachlorobutadiene	8300	U	8300	7600	30000	ug/Kg
105-60-2	Caprolactam	17000	U	17000	14700	59000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7700	U	7700	7600	30000	ug/Kg
90-12-0	1-Methylnaphthalene	7100	U	7100	7600	30000	ug/Kg
91-57-6	2-Methylnaphthalene	3800	U	3800	7600	30000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	16000	U	16000	14700	59000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7100	U	7100	7600	30000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4500	U	4500	7600	30000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-11MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020362.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4100	U	4100	7600	30000	ug/Kg
91-58-7	2-Chloronaphthalene	4100	U	4100	7600	30000	ug/Kg
88-74-4	2-Nitroaniline	9500	U	9500	7600	30000	ug/Kg
131-11-3	Dimethylphthalate	4300	U	4300	7600	30000	ug/Kg
606-20-2	2,6-Dinitrotoluene	7700	U	7700	7600	30000	ug/Kg
208-96-8	Acenaphthylene	4700	U	4700	7600	30000	ug/Kg
99-09-2	3-Nitroaniline	5000	U	5000	14700	59000	ug/Kg
83-32-9	Acenaphthene	4900	U	4900	7600	30000	ug/Kg
51-28-5	2,4-Dinitrophenol	17000	U	17000	14700	59000	ug/Kg
100-02-7	4-Nitrophenol	6500	U	6500	14700	59000	ug/Kg
132-64-9	Dibenzofuran	4300	U	4300	7600	30000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5700	U	5700	7600	30000	ug/Kg
84-66-2	Diethylphthalate	4900	U	4900	7600	30000	ug/Kg
86-73-7	Fluorene	4200	U	4200	7600	30000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4200	U	4200	7600	30000	ug/Kg
100-01-6	4-Nitroaniline	4600	U	4600	14700	59000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	13000	U	13000	14700	59000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4300	U	4300	7600	30000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U	3800	7600	30000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4200	U	4200	7600	30000	ug/Kg
118-74-1	Hexachlorobenzene	4800	U	4800	7600	30000	ug/Kg
1912-24-9	Atrazine	12000	U	12000	14700	59000	ug/Kg
87-86-5	Pentachlorophenol	190000	D	11000	14700	59000	ug/Kg
85-01-8	Phenanthrene	5000	U	5000	7600	30000	ug/Kg
608-93-5	Pentachlorobenzene	9500	U	9500	7600	30000	ug/Kg
120-12-7	Anthracene	4000	U	4000	7600	30000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	10000	U	10000	7600	30000	ug/Kg
86-74-8	Carbazole	3600	U	3600	14700	59000	ug/Kg
84-74-2	Di-n-butylphthalate	8900	U	8900	7600	30000	ug/Kg
206-44-0	Fluoranthene	8300	U	8300	14700	30000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-11MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020362.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6500	U	6500	7600	30000	ug/Kg
85-68-7	Butylbenzylphthalate	14000	U	14000	7600	30000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9500	U	9500	14700	59000	ug/Kg
56-55-3	Benzo(a)anthracene	3300	U	3300	7600	30000	ug/Kg
218-01-9	Chrysene	4600	U	4600	7600	30000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	15000	U	15000	7600	30000	ug/Kg
117-84-0	Di-n-octyl phthalate	16000	U	16000	14700	59000	ug/Kg
205-99-2	Benzo(b)fluoranthene	6500	U	6500	7600	30000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	U	4600	7600	30000	ug/Kg
50-32-8	Benzo(a)pyrene	6500	U	6500	7600	30000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5400	U	5400	7600	30000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4600	U	4600	7600	30000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5400	U	5400	7600	30000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5700	U	5700	7600	30000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.595		15-120		70	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.54		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.615		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.96		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.98		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.185		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.265		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.905		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.07		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.045		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.82		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	27.925		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N5MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-11MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
		Level :	MED
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020362.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	28.74		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	22.81		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.015		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52114	7.611				
1146-65-2	Naphthalene-d8	207087	10.387				
15067-26-2	Acenaphthene-d10	142987	14.281				
1517-22-2	Phenanthrene-d10	339400	17.116				
1719-03-5	Chrysene-d12	414487	21.622				
1520-96-3	Perylene-d12	539869	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain6.734	14000	JD			6.734	
	(DEL) Alkane: Straight-Chain7.381	14000	JD			7.381	
007376-45-6	Crotyl methacrylate	20000	JD			7.505	
	(DEL) Alkane: Straight-Chain7.763	16000	JD			7.763	
	(DEL) Alkane: Cyclic8.128	17000	JD			8.128	
	(DEL) Alkane: Cyclic8.669	27000	JD			8.669	
1000309-21-8	Sulfurous acid, cyclohexylmethyl n	12000	JD			8.875	
	unknown-01	65000	JD			14.51	
	(DEL) Alkane: Straight-Chain20.757	15000	JD			20.757	
	(DEL) Alkane: Straight-Chain21.292	17000	JD			21.292	
	(DEL) Alkane: Straight-Chain21.869	12000	JD			21.869	
E966796	Total Alkanes	130000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-12MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020363.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1500	U	1500	1100	11000	ug/Kg
100-52-7	Benzaldehyde	8000	U	8000	14100	57000	ug/Kg
110-86-1	Pyridine	9700	U	9700	28300	57000	ug/Kg
108-95-2	Phenol	6900	U	6900	14100	57000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6300	U	6300	14100	57000	ug/Kg
95-57-8	2-Chlorophenol	4500	U	4500	7300	29000	ug/Kg
95-48-7	2-Methylphenol	5000	U	5000	14100	57000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	11000	U	11000	14100	57000	ug/Kg
98-86-2	Acetophenone	5500	U	5500	14100	57000	ug/Kg
106-44-5	4-Methylphenol	4900	U	4900	14100	57000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9700	U	9700	7300	29000	ug/Kg
67-72-1	Hexachloroethane	2700	U	2700	7300	29000	ug/Kg
98-95-3	Nitrobenzene	5400	U	5400	7300	29000	ug/Kg
78-59-1	Isophorone	6300	U	6300	7300	29000	ug/Kg
88-75-5	2-Nitrophenol	4000	U	4000	7300	29000	ug/Kg
105-67-9	2,4-Dimethylphenol	4100	U	4100	7300	29000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7400	U	7400	7300	29000	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	U	3700	7300	29000	ug/Kg
91-20-3	Naphthalene	4000	U	4000	7300	29000	ug/Kg
106-47-8	4-Chloroaniline	3200	U	3200	7300	57000	ug/Kg
87-68-3	Hexachlorobutadiene	8000	U	8000	7300	29000	ug/Kg
105-60-2	Caprolactam	16000	U	16000	14100	57000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7400	U	7400	7300	29000	ug/Kg
90-12-0	1-Methylnaphthalene	6900	U	6900	7300	29000	ug/Kg
91-57-6	2-Methylnaphthalene	3700	U	3700	7300	29000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	15000	U	15000	14100	57000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6900	U	6900	7300	29000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4300	U	4300	7300	29000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-12MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020363.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4000	U	4000	7300	29000	ug/Kg
91-58-7	2-Chloronaphthalene	4000	U	4000	7300	29000	ug/Kg
88-74-4	2-Nitroaniline	9100	U	9100	7300	29000	ug/Kg
131-11-3	Dimethylphthalate	4200	U	4200	7300	29000	ug/Kg
606-20-2	2,6-Dinitrotoluene	7400	U	7400	7300	29000	ug/Kg
208-96-8	Acenaphthylene	4500	U	4500	7300	29000	ug/Kg
99-09-2	3-Nitroaniline	4900	U	4900	14100	57000	ug/Kg
83-32-9	Acenaphthene	4700	U	4700	7300	29000	ug/Kg
51-28-5	2,4-Dinitrophenol	17000	U	17000	14100	57000	ug/Kg
100-02-7	4-Nitrophenol	6300	U	6300	14100	57000	ug/Kg
132-64-9	Dibenzofuran	4100	U	4100	7300	29000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5500	U	5500	7300	29000	ug/Kg
84-66-2	Diethylphthalate	4700	U	4700	7300	29000	ug/Kg
86-73-7	Fluorene	4100	U	4100	7300	29000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4100	U	4100	7300	29000	ug/Kg
100-01-6	4-Nitroaniline	4400	U	4400	14100	57000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	13000	U	13000	14100	57000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	U	4200	7300	29000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3700	U	3700	7300	29000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4100	U	4100	7300	29000	ug/Kg
118-74-1	Hexachlorobenzene	4600	U	4600	7300	29000	ug/Kg
1912-24-9	Atrazine	11000	U	11000	14100	57000	ug/Kg
87-86-5	Pentachlorophenol	260000	D	10000	14100	57000	ug/Kg
85-01-8	Phenanthrene	4800	U	4800	7300	29000	ug/Kg
608-93-5	Pentachlorobenzene	9100	U	9100	7300	29000	ug/Kg
120-12-7	Anthracene	3900	U	3900	7300	29000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9700	U	9700	7300	29000	ug/Kg
86-74-8	Carbazole	3500	U	3500	14100	57000	ug/Kg
84-74-2	Di-n-butylphthalate	8600	U	8600	7300	29000	ug/Kg
206-44-0	Fluoranthene	8000	U	8000	14100	29000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-12MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020363.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6300	U	6300	7300	29000	ug/Kg
85-68-7	Butylbenzylphthalate	14000	U	14000	7300	29000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9100	U	9100	14100	57000	ug/Kg
56-55-3	Benzo(a)anthracene	3100	U	3100	7300	29000	ug/Kg
218-01-9	Chrysene	4500	U	4500	7300	29000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	15000	U	15000	7300	29000	ug/Kg
117-84-0	Di-n-octyl phthalate	15000	U	15000	14100	57000	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	U	6300	7300	29000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4400	U	4400	7300	29000	ug/Kg
50-32-8	Benzo(a)pyrene	6300	U	6300	7300	29000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5200	U	5200	7300	29000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4400	U	4400	7300	29000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5300	U	5300	7300	29000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5500	U	5500	7300	29000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.38		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	16.255		20-120		41	SPK: -40
4165-62-2	Phenol-d5	19.2		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.35		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.91		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.17		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.385		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.565		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.69		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.095		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.305		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.375		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	24.75		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-12MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020363.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.785		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	22.67		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.185		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82822	7.61				
1146-65-2	Naphthalene-d8	326308	10.381				
15067-26-2	Acenaphthene-d10	233857	14.281				
1517-22-2	Phenanthrene-d10	531408	17.127				
1719-03-5	Chrysene-d12	544886	21.615				
1520-96-3	Perylene-d12	624484	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain6.269	21000	JD			6.269	
	(DEL) Alkane: Cyclic6.734	23000	JD			6.734	
	(DEL) Alkane: Straight-Chain7.381	18000	JD			7.381	
	(DEL) Alkane: Straight-Chain7.504	31000	JD			7.504	
	(DEL) Alkane: Straight-Chain7.557	31000	JD			7.557	
1000406-38-3	Decyl octyl ether	23000	JD			7.763	
1000309-68-2	Oxalic acid, butyl cyclohexylmethy	13000	JD			7.922	
005333-42-6	1-Dodecanol, 2-octyl-	14000	JD			8.01	
	(DEL) Alkane: Straight-Chain8.104	22000	JD			8.104	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	19000	JD			8.234	
000493-02-7	Naphthalene, decahydro-, trans-	27000	JD			8.399	
	unknown-01	12000	JD			8.546	
093383-50-7	1H-Imidazole, 1-(cyclohexylacetyl)	42000	JD			8.669	
	(DEL) Alkane: Straight-Chain8.875	19000	JD			8.875	
	unknown-02	41000	JD			8.922	
	unknown-03	25000	JD			9.022	
1000155-85-6	cis-Decalin, 2-syn-methyl-	13000	JD			9.281	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N6MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-12MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020363.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
136860-48-5	Adamantane, 1-isothiocyanato-3-met	12000	JD			9.44	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	12000	JD			9.581	
	unknown-04	12000	JD			9.787	
	(DEL) Alkane: Straight-Chain20.227	13000	JD			20.227	
	(DEL) Alkane: Straight-Chain20.751	19000	JD			20.751	
	(DEL) Alkane: Straight-Chain21.292	20000	JD			21.292	
	(DEL) Alkane: Straight-Chain21.874	13000	JD			21.874	
E966796	Total Alkanes	230000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-13MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020364.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1600	U	1600	1100	12000	ug/Kg
100-52-7	Benzaldehyde	8100	U	8100	14300	58000	ug/Kg
110-86-1	Pyridine	9800	U	9800	28600	58000	ug/Kg
108-95-2	Phenol	6900	U	6900	14300	58000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6300	U	6300	14300	58000	ug/Kg
95-57-8	2-Chlorophenol	4500	U	4500	7400	29000	ug/Kg
95-48-7	2-Methylphenol	5000	U	5000	14300	58000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12000	U	12000	14300	58000	ug/Kg
98-86-2	Acetophenone	5600	U	5600	14300	58000	ug/Kg
106-44-5	4-Methylphenol	4900	U	4900	14300	58000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9800	U	9800	7400	29000	ug/Kg
67-72-1	Hexachloroethane	2800	U	2800	7400	29000	ug/Kg
98-95-3	Nitrobenzene	5400	U	5400	7400	29000	ug/Kg
78-59-1	Isophorone	6300	U	6300	7400	29000	ug/Kg
88-75-5	2-Nitrophenol	4000	U	4000	7400	29000	ug/Kg
105-67-9	2,4-Dimethylphenol	4100	U	4100	7400	29000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7500	U	7500	7400	29000	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	U	3700	7400	29000	ug/Kg
91-20-3	Naphthalene	4000	U	4000	7400	29000	ug/Kg
106-47-8	4-Chloroaniline	3200	U	3200	7400	58000	ug/Kg
87-68-3	Hexachlorobutadiene	8100	U	8100	7400	29000	ug/Kg
105-60-2	Caprolactam	16000	U	16000	14300	58000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7500	U	7500	7400	29000	ug/Kg
90-12-0	1-Methylnaphthalene	6900	U	6900	7400	29000	ug/Kg
91-57-6	2-Methylnaphthalene	3700	U	3700	7400	29000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	16000	U	16000	14300	58000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6900	U	6900	7400	29000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	U	4400	7400	29000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-13MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020364.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4000	U	4000	7400	29000	ug/Kg
91-58-7	2-Chloronaphthalene	4000	U	4000	7400	29000	ug/Kg
88-74-4	2-Nitroaniline	9200	U	9200	7400	29000	ug/Kg
131-11-3	Dimethylphthalate	4200	U	4200	7400	29000	ug/Kg
606-20-2	2,6-Dinitrotoluene	7500	U	7500	7400	29000	ug/Kg
208-96-8	Acenaphthylene	4600	U	4600	7400	29000	ug/Kg
99-09-2	3-Nitroaniline	4900	U	4900	14300	58000	ug/Kg
83-32-9	Acenaphthene	4700	U	4700	7400	29000	ug/Kg
51-28-5	2,4-Dinitrophenol	17000	U	17000	14300	58000	ug/Kg
100-02-7	4-Nitrophenol	6300	U	6300	14300	58000	ug/Kg
132-64-9	Dibenzofuran	4200	U	4200	7400	29000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5600	U	5600	7400	29000	ug/Kg
84-66-2	Diethylphthalate	4700	U	4700	7400	29000	ug/Kg
86-73-7	Fluorene	4100	U	4100	7400	29000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4100	U	4100	7400	29000	ug/Kg
100-01-6	4-Nitroaniline	4400	U	4400	14300	58000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	13000	U	13000	14300	58000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	U	4200	7400	29000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3700	U	3700	7400	29000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4100	U	4100	7400	29000	ug/Kg
118-74-1	Hexachlorobenzene	4700	U	4700	7400	29000	ug/Kg
1912-24-9	Atrazine	12000	U	12000	14300	58000	ug/Kg
87-86-5	Pentachlorophenol	230000	D	10000	14300	58000	ug/Kg
85-01-8	Phenanthrene	4800	U	4800	7400	29000	ug/Kg
608-93-5	Pentachlorobenzene	9200	U	9200	7400	29000	ug/Kg
120-12-7	Anthracene	3900	U	3900	7400	29000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9800	U	9800	7400	29000	ug/Kg
86-74-8	Carbazole	3500	U	3500	14300	58000	ug/Kg
84-74-2	Di-n-butylphthalate	8700	U	8700	7400	29000	ug/Kg
206-44-0	Fluoranthene	8100	U	8100	14300	29000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-13MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020364.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6300	U	6300	7400	29000	ug/Kg
85-68-7	Butylbenzylphthalate	14000	U	14000	7400	29000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9200	U	9200	14300	58000	ug/Kg
56-55-3	Benzo(a)anthracene	3200	U	3200	7400	29000	ug/Kg
218-01-9	Chrysene	4500	U	4500	7400	29000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	15000	U	15000	7400	29000	ug/Kg
117-84-0	Di-n-octyl phthalate	16000	U	16000	14300	58000	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	U	6300	7400	29000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4400	U	4400	7400	29000	ug/Kg
50-32-8	Benzo(a)pyrene	6300	U	6300	7400	29000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5300	U	5300	7400	29000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4400	U	4400	7400	29000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5300	U	5300	7400	29000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5600	U	5600	7400	29000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.89		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	13.99		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.94		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.33		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.14		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.025		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	20.81		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.56		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.11		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.77		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.095		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.15		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	25.98		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-13MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020364.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.555		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	22.43		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.55		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72401	7.611				
1146-65-2	Naphthalene-d8	290744	10.387				
15067-26-2	Acenaphthene-d10	212088	14.275				
1517-22-2	Phenanthrene-d10	484296	17.122				
1719-03-5	Chrysene-d12	513699	21.61				
1520-96-3	Perylene-d12	605771	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic5.887	19000	JD			5.887	
	(DEL) Alkane: Straight-Chain6.164	17000	JD			6.164	
	(DEL) Alkane: Straight-Chain6.269	40000	JD			6.269	
	(DEL) Alkane: Straight-Chain6.593	21000	JD			6.593	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	16000	JD			6.646	
	(DEL) Alkane: Straight-Chain6.752	45000	JD			6.752	
	(DEL) Alkane: Cyclic6.917	14000	JD			6.917	
006294-39-9	Cyclohexane, 1-bromo-2-methyl-	24000	JD			7.075	
000620-14-4	Benzene, 1-ethyl-3-methyl-	13000	JD			7.258	
1000309-22-4	Sulfurous acid, cyclohexylmethyl h	15000	JD			7.305	
002425-77-6	1-Decanol, 2-hexyl-	24000	JD			7.411	
1000372-79-5	Decan-2-yl isobutyl carbonate	46000	JD			7.499	
	(DEL) Alkane: Straight-Chain7.558	77000	JD			7.558	
000095-63-6	Benzene, 1,2,4-trimethyl-	35000	JD			7.711	
	(DEL) Alkane: Straight-Chain7.764	29000	JD			7.764	
	(DEL) Alkane: Straight-Chain7.828	23000	JD			7.828	
	(DEL) Alkane: Cyclic7.864	31000	JD			7.864	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43N7MEDL	SDG No.:	BP051324
Lab Sample ID:	P2369-13MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020364.D	5	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic7.922	17000	JD			7.922	
	(DEL) Alkane: Straight-Chain8.016	19000	JD			8.016	
	(DEL) Alkane: Straight-Chain8.0999	67000	JD			8.099	
	(DEL) Alkane: Straight-Chain8.164	36000	JD			8.164	
	(DEL) Alkane: Straight-Chain8.234	73000	JD			8.234	
000091-17-8	Naphthalene, decahydro-	41000	JD			8.405	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	26000	JD			8.54	
000099-87-6	p-Cymene	18000	JD			8.587	
1000385-85-1	(E)-Tetradec-11-en-1-yl 2,2,3,3,4,	15000	JD			8.646	
	(DEL) Alkane: Cyclic8.881	20000	JD			8.881	
	unknown-01	48000	JD			8.928	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	38000	JD			9.022	
	(DEL) Alkane: Straight-Chain9.210	24000	JD			9.21	
002958-76-1	Naphthalene, decahydro-2-methyl-	19000	JD			9.281	
1000460-67-0	1,4-Dimethyladamantane (isomer 1)	18000	JD			9.446	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	15000	JD			9.581	
032357-83-8	Ether, hexyl pentyl	18000	JD			9.64	
1000309-15-6	Sulfurous acid, hexyl 2-pentyl est	18000	JD			9.71	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	30000	JD			9.787	
002096-86-8	4-Methylphenyl acetone	15000	JD			9.952	
073105-67-6	1-Iodo-2-methylundecane	16000	JD			20.745	
	(DEL) Alkane: Straight-Chain21.292	18000	JD			21.292	
	(DEL) Alkane: Straight-Chain21.869	12000	JD			21.869	
E966796	Total Alkanes	600000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SLCS849	SDG No.:	BP051324
Lab Sample ID:	PB160849BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020365.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10000		270	200	2000	ug/Kg
100-52-7	Benzaldehyde	36000		1400	2500	9900	ug/Kg
110-86-1	Pyridine	26000		1700	4900	9900	ug/Kg
108-95-2	Phenol	28000		1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	27000		1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	30000		770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	28000		860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	26000		2000	2500	9900	ug/Kg
98-86-2	Acetophenone	28000		960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	29000		840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	27000		1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	29000		480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	27000		930	1300	5000	ug/Kg
78-59-1	Isophorone	27000		1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	30000		690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	26000		700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000		1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	31000		630	1300	5000	ug/Kg
91-20-3	Naphthalene	28000		690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	26000		550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1400	1300	5000	ug/Kg
105-60-2	Caprolactam	32000		2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30000		1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	29000		1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	30000		630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	17000		2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30000		750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SLCS849	SDG No.:	BP051324
Lab Sample ID:	PB160849BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020365.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28000		690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	28000		690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	29000		1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	29000		720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	30000		1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	28000		780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	30000		840	2500	9900	ug/Kg
83-32-9	Acenaphthene	27000		810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	27000		2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	35000		1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	30000		710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	33000		960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	31000		810	1300	5000	ug/Kg
86-73-7	Fluorene	30000		700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30000		700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	36000		760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30000		2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29000		720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30000		630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30000		700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	30000		800	1300	5000	ug/Kg
1912-24-9	Atrazine	32000		2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	30000		1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	29000		830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	28000		1600	1300	5000	ug/Kg
120-12-7	Anthracene	29000		670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26000		1700	1300	5000	ug/Kg
86-74-8	Carbazole	31000		600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	32000		1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	26000		1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SLCS849	SDG No.:	BP051324
Lab Sample ID:	PB160849BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020365.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27000		1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	28000		2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32000		1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	29000		540	1300	5000	ug/Kg
218-01-9	Chrysene	30000		770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29000		2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	28000		2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	29000		1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	29000		760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	26000		1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30000		900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29000		760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28000		910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32000		960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.796		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	26.531		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.731		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.848		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.214		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	28.728		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.561		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.027		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.828		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.086		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.773		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.906		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.301		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.861		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SLCS849	SDG No.:	BP051324
Lab Sample ID:	PB160849BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020365.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.783		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.54		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	27.692		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.906		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70147	7.611				
1146-65-2	Naphthalene-d8	293918	10.375				
15067-26-2	Acenaphthene-d10	217565	14.281				
1517-22-2	Phenanthrene-d10	496429	17.116				
1719-03-5	Chrysene-d12	528317	21.622				
1520-96-3	Perylene-d12	597353	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A43N5ME								
P2369-11ME	A43N5ME	Solid	(1,2,4-Trimethylcyclohexyl)metha *	36,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic5.869 *	4,900.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic6.393 *	4,400.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic6.663 *	3,300.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic6.887 *	4,600.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic7.781 *	4,700.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic7.904 *	8,200.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic7.999 *	7,100.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic8.052 *	4,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic8.522 *	8,600.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic8.851 *	16,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic8.893 *	31,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Cyclic9.934 *	4,700.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain11.3 *	2,400.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain19.0 *	2,700.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain20.2 *	13,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain20.7 *	20,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain21.3 *	26,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain21.8 *	15,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain22.4 *	13,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain23.2 *	8,100.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain24.1 *	5,700.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain6.24 *	13,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain6.44 *	3,100.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain6.71 *	15,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain7.06 *	7,200.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain7.28 *	6,300.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain7.35 *	14,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain7.52 *	10,000.000	J			
P2369-11ME	A43N5ME	Solid	(DEL) Alkane: Straight-Chain8.96 *	6,400.000	J			
P2369-11ME	A43N5ME	Solid	1-Dodecanol, 3,7,11-trimethyl-	3,400.000	J			
P2369-11ME	A43N5ME	Solid	2-Methyladamantane	2,500.000	J			
P2369-11ME	A43N5ME	Solid	3-Chloropropionic acid, heptadecy *	5,100.000	J			
P2369-11ME	A43N5ME	Solid	4-Isopropyl-1,3-cyclohexanedione *	15,000.000	J			
P2369-11ME	A43N5ME	Solid	Adamantane, 1-isothiocyanato-3-r *	2,400.000	J			
P2369-11ME	A43N5ME	Solid	Benzene, (1,1-dimethylpropyl)- *	4,700.000	J			
P2369-11ME	A43N5ME	Solid	Bicyclo[3.1.1]heptan-3-one, 2,6,6- *	22,000.000	J			

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-11ME	A43N5ME	Solid	Methyl tetratriacontyl ether	* 3,900.000	J			
P2369-11ME	A43N5ME	Solid	n-Hexadecanoic acid	* 7,700.000	J			
P2369-11ME	A43N5ME	Solid	Naphthalene, decahydro-, trans-	* 22,000.000	J			
P2369-11ME	A43N5ME	Solid	Oxirane, decyl-	* 19,000.000	J			
P2369-11ME	A43N5ME	Solid	Phenol, 2,3,5,6-tetrachloro-	* 7,500.000	J			
P2369-11ME	A43N5ME	Solid	trans-4a-Methyl-decahydronaphth	* 10,000.000	J			
P2369-11ME	A43N5ME	Solid	trans-Decalin, 2-methyl-	* 6,700.000	J			
P2369-11ME	A43N5ME	Solid	unknown-01	* 5,000.000	J			
P2369-11ME	A43N5ME	Solid	unknown-02	* 2,600.000	J			
P2369-11ME	A43N5ME	Solid	unknown-03	* 3,000.000	J			
P2369-11ME	A43N5ME	Solid	unknown-04	* 7,400.000	J			
P2369-11ME	A43N5ME	Solid	unknown-05	* 32,000.000	J			
P2369-11ME	A43N5ME	Solid	unknown-06	* 3,100.000	J			
P2369-11ME	A43N5ME	Solid	unknown-07	* 4,100.000	J			
P2369-11ME	A43N5ME	Solid	unknown-08	* 4,000.000	J			
P2369-11ME	A43N5ME	Solid	Total Alkanes	* 280,000.000		830	5900	ug/Kg
Total Tics :				791,500.00				
P2369-11ME	A43N5ME	Solid	Pentachlorophenol	230,000.000	E	2100	12000	ug/Kg
Total Svoc :				230,000.00				
Total Concentration:				1,021,500.00				
Client ID : A43N5MEDL								
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Cyclic8.128	* 17,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Cyclic8.669	* 27,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain20.7	* 15,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain21.2	* 17,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain21.8	* 12,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain6.7	* 14,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain7.3	* 14,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	(DEL) Alkane: Straight-Chain7.7	* 16,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	Crotyl methacrylate	* 20,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	Sulfurous acid, cyclohexylmethyl	* 12,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	unknown-01	* 65,000.000	JD			
P2369-11MEDL	A43N5MEDL	Solid	Total Alkanes	* 130,000.000	D	4100	30000	ug/Kg
Total Tics :				359,000.00				
P2369-11MEDL	A43N5MEDL	Solid	Pentachlorophenol	190,000.000	D	11000	59000	ug/Kg
Total Svoc :				190,000.00				
Total Concentration:				549,000.00				
Client ID : A43N6ME								
P2369-12ME	A43N6ME	Solid	(1,2,4-Trimethylcyclohexyl)metha	* 51,000.000	J			
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic5.893	* 11,000.000	J			

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic6.358	*	5,900.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic6.422	*	7,600.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic6.693	*	6,800.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic6.916	*	11,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic7.240	*	6,300.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic7.928	*	15,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Cyclic8.128	*	13,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain20.2	*	13,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain20.7	*	18,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain21.2	*	20,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain21.8	*	13,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain22.4	*	9,900.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain23.2	*	6,500.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain25.1	*	3,700.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.0	*	5,900.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.0	*	6,300.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.1	*	5,400.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.2	*	25,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.4	*	9,700.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain6.7	*	28,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain7.3	*	22,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain7.7	*	17,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain8.1	*	29,000.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain8.1	*	9,100.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain9.2	*	9,200.000	J		
P2369-12ME	A43N6ME	Solid	(DEL) Alkane: Straight-Chain9.7	*	5,200.000	J		
P2369-12ME	A43N6ME	Solid	1-Dodecanol, 2-hexyl-	*	17,000.000	J		
P2369-12ME	A43N6ME	Solid	2-Bromo dodecane	*	4,500.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 1,4-diethyl-	*	4,900.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 1-ethyl-2,3-dimethyl-	*	21,000.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 1-ethyl-2,4-dimethyl-	*	23,000.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 1-methyl-4-(1-methylpr	*	7,900.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 1-methyl-4-butyl	*	9,700.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 2-ethyl-1,3-dimethyl-	*	11,000.000	J		
P2369-12ME	A43N6ME	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	27,000.000	J		
P2369-12ME	A43N6ME	Solid	Bicyclo[3.1.1]heptan-3-one, 2,6,6-	*	36,000.000	J		
P2369-12ME	A43N6ME	Solid	Cyclohexene, 1,2-dimethyl-	*	7,100.000	J		
P2369-12ME	A43N6ME	Solid	Cyclohexene, 2-ethenyl-1,3,3-trin	*	5,600.000	J		
P2369-12ME	A43N6ME	Solid	E-11,13-Tetradecadien-1-ol	*	8,200.000	J		
P2369-12ME	A43N6ME	Solid	n-Hexadecanoic acid	*	4,500.000	J		

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-12ME	A43N6ME	Solid	Naphthalene, decahydro-, trans-	* 33,000.000	J			
P2369-12ME	A43N6ME	Solid	Naphthalene, decahydro-2-methyl	* 14,000.000	J			
P2369-12ME	A43N6ME	Solid	Oxalic acid, butyl cyclohexylmeth	* 11,000.000	J			
P2369-12ME	A43N6ME	Solid	p-Cymene	* 9,600.000	J			
P2369-12ME	A43N6ME	Solid	Phenol, 2,3,4,6-tetrachloro-	* 8,600.000	J			
P2369-12ME	A43N6ME	Solid	Succinic acid, dodec-2-en-1-yl tet	* 4,800.000	J			
P2369-12ME	A43N6ME	Solid	Sulfurous acid, cyclohexylmethyl	* 21,000.000	J			
P2369-12ME	A43N6ME	Solid	Sulfurous acid, octyl 2-pentyl est	* 46,000.000	J			
P2369-12ME	A43N6ME	Solid	trans-Decalin, 2-methyl-	* 9,400.000	J			
P2369-12ME	A43N6ME	Solid	unknown-01	* 17,000.000	J			
P2369-12ME	A43N6ME	Solid	unknown-02	* 30,000.000	J			
P2369-12ME	A43N6ME	Solid	unknown-03	* 53,000.000	J			
P2369-12ME	A43N6ME	Solid	unknown-04	* 4,700.000	J			
P2369-12ME	A43N6ME	Solid	unknown-05	* 4,700.000	J			
P2369-12ME	A43N6ME	Solid	unknown-06	* 6,400.000	J			
P2369-12ME	A43N6ME	Solid	Total Alkanes	* 330,000.000		800	5700	ug/Kg
Total Tics :				1,174,100.00				
P2369-12ME	A43N6ME	Solid	Pentachlorophenol	260,000.000	E	2100	11000	ug/Kg
Total Svoc :				260,000.00				
Total Concentration:				1,434,100.00				

Client ID : A43N6MEDL

P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Cyclic6.734	* 23,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain20.2	* 13,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain20.7	* 19,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain21.2	* 20,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain21.8	* 13,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain6.26	* 21,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain7.38	* 18,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain7.56	* 31,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain7.56	* 31,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain8.16	* 22,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	(DEL) Alkane: Straight-Chain8.87	* 19,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	1-Dodecanol, 2-octyl-	* 14,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	1H-Imidazole, 1-(cyclohexylacety	* 42,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	Adamantane, 1-isothiocyanato-3-r	* 12,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	Benzene, 1,2,4,5-tetramethyl-	* 19,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	Benzene, 1-methyl-4-(1-methylpr	* 12,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	cis-Decalin, 2-syn-methyl-	* 13,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	Decyl octyl ether	* 23,000.000	JD			
P2369-12MEDL	A43N6MEDL	Solid	Naphthalene, decahydro-, trans-	* 27,000.000	JD			

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SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-12MEDL	A43N6MEDL	Solid	Oxalic acid, butyl cyclohexylmeth	*	13,000.000	JD		
P2369-12MEDL	A43N6MEDL	Solid	unknown-01	*	12,000.000	JD		
P2369-12MEDL	A43N6MEDL	Solid	unknown-02	*	41,000.000	JD		
P2369-12MEDL	A43N6MEDL	Solid	unknown-03	*	25,000.000	JD		
P2369-12MEDL	A43N6MEDL	Solid	unknown-04	*	12,000.000	JD		
P2369-12MEDL	A43N6MEDL	Solid	Total Alkanes	*	230,000.000	D 4000	29000	ug/Kg
Total Tics :					725,000.00			
P2369-12MEDL	A43N6MEDL	Solid	Pentachlorophenol		260,000.000	D 10000	57000	ug/Kg
Total Svoc :					260,000.00			
Total Concentration:					985,000.00			

Client ID : A43N7ME

P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic11.057	*	5,800.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic5.587	*	2,500.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic5.893	*	8,300.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic6.358	*	3,200.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic6.416	*	4,300.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic6.693	*	5,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic6.916	*	5,400.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic7.040	*	5,200.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic7.863	*	14,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic7.922	*	8,100.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic8.646	*	11,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Cyclic8.881	*	11,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain11.7	*	5,600.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain14.5	*	6,600.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain20.2	*	14,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain20.7	*	20,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain21.2	*	25,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain22.5	*	11,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain23.2	*	7,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain24.1	*	4,700.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain5.64	*	4,700.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.00	*	5,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.09	*	7,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.20	*	17,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.47	*	4,800.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.54	*	3,900.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.59	*	10,000.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain6.64	*	7,800.000	J		
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain7.21	*	38,000.000	J		

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SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain7.5:	* 39,000.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain7.8:	* 6,700.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain8.1:	* 29,000.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain8.1:	* 17,000.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain9.2:	* 29,000.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain9.7:	* 17,000.000	J			
P2369-13ME	A43N7ME	Solid	(DEL) Alkane: Straight-Chain9.8:	* 9,500.000	J			
P2369-13ME	A43N7ME	Solid	1,3-Dimethylbutyl isobutyrate	* 21,000.000	J			
P2369-13ME	A43N7ME	Solid	1-Decanol, 2-octyl-	* 8,300.000	J			
P2369-13ME	A43N7ME	Solid	1-Octadecanesulphonyl chloride	* 13,000.000	J			
P2369-13ME	A43N7ME	Solid	2,8-Decadiyne	* 21,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 1,2,4-trimethyl-	* 18,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 1-ethyl-2,4-dimethyl-	* 53,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 1-ethyl-3,5-dimethyl-	* 7,100.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 1-methyl-4-(1-methylpr	* 14,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 1-methyl-4-butyl	* 18,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 2-ethyl-1,4-dimethyl-	* 32,000.000	J			
P2369-13ME	A43N7ME	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 12,000.000	J			
P2369-13ME	A43N7ME	Solid	cis-Decalin, 2-syn-methyl-	* 21,000.000	J			
P2369-13ME	A43N7ME	Solid	column bleed	* 7,700.000	J			
P2369-13ME	A43N7ME	Solid	Ethanone, 1-(2,4-dimethylphenyl)	* 6,000.000	J			
P2369-13ME	A43N7ME	Solid	Hexadecane, 1-iodo-	* 14,000.000	J			
P2369-13ME	A43N7ME	Solid	Hexadecyl octyl ether	* 23,000.000	J			
P2369-13ME	A43N7ME	Solid	Mesitylene	* 5,400.000	J			
P2369-13ME	A43N7ME	Solid	n-Hexadecanoic acid	* 6,900.000	J			
P2369-13ME	A43N7ME	Solid	Naphthalene, decahydro-, trans-	* 19,000.000	J			
P2369-13ME	A43N7ME	Solid	Naphthalene, decahydro-2-methyl	* 21,000.000	J			
P2369-13ME	A43N7ME	Solid	o-Cymene	* 21,000.000	J			
P2369-13ME	A43N7ME	Solid	p-Cymene	* 12,000.000	J			
P2369-13ME	A43N7ME	Solid	Phenol, 2,3,4,5-tetrachloro-	* 9,000.000	J			
P2369-13ME	A43N7ME	Solid	Sulfurous acid, cyclohexylmethyl	* 11,000.000	J			
P2369-13ME	A43N7ME	Solid	unknown-01	* 11,000.000	J			
P2369-13ME	A43N7ME	Solid	unknown-02	* 22,000.000	J			
P2369-13ME	A43N7ME	Solid	unknown-03	* 29,000.000	J			
P2369-13ME	A43N7ME	Solid	unknown-04	* 11,000.000	J			
P2369-13ME	A43N7ME	Solid	unknown-05	* 9,300.000	J			
P2369-13ME	A43N7ME	Solid	unknown-06	* 6,300.000	J			
P2369-13ME	A43N7ME	Solid	Total Alkanes	* 420,000.000		810	5800	ug/Kg
Total Tics :				1,326,100.00				
P2369-13ME	A43N7ME	Solid	Pentachlorophenol	280,000.000	E	2100	12000	ug/Kg

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SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	280,000.00				
			Total Concentration:	1,606,100.00				
Client ID : A43N7MEDL								
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Cyclic5.887	*	19,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Cyclic6.917	*	14,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Cyclic7.864	*	31,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Cyclic7.922	*	17,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Cyclic8.881	*	20,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain21.2	*	18,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain21.8	*	12,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain6.16	*	17,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain6.26	*	40,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain6.56	*	21,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain6.76	*	45,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain7.56	*	77,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain7.76	*	29,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain7.86	*	23,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain8.06	*	19,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain8.06	*	67,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain8.16	*	36,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain8.26	*	73,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(DEL) Alkane: Straight-Chain9.21	*	24,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	(E)-Tetradec-11-en-1-yl 2,2,3,3,4,	*	15,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	1,4-Dimethyladamantane (isomer	*	18,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	1-Decanol, 2-hexyl-	*	24,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	1-Iodo-2-methylundecane	*	16,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	4-Methylphenyl acetone	*	15,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 1,2,3,5-tetramethyl-	*	30,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 1,2,4-trimethyl-	*	35,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 1-ethyl-2,3-dimethyl-	*	15,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 1-ethyl-2,4-dimethyl-	*	38,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 1-ethyl-3-methyl-	*	13,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	26,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Carbonic acid, prop-1-en-2-yl tri	*	16,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Cyclohexane, 1-bromo-2-methyl-	*	24,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Decan-2-yl isobutyl carbonate	*	46,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Ether, hexyl pentyl	*	18,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Naphthalene, decahydro-	*	41,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	Naphthalene, decahydro-2-methyl	*	19,000.000	JD		
P2369-13MEDL	A43N7MEDL	Solid	p-Cymene	*	18,000.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2369-13MEDL	A43N7MEDL	Solid	Sulfurous acid, cyclohexylmethyl *	15,000.000	JD			
P2369-13MEDL	A43N7MEDL	Solid	Sulfurous acid, hexyl 2-pentyl est *	18,000.000	JD			
P2369-13MEDL	A43N7MEDL	Solid	unknown-01 *	48,000.000	JD			
P2369-13MEDL	A43N7MEDL	Solid	Total Alkanes *	600,000.000	D	4000	29000	ug/Kg
			Total Tics :	1,710,000.00				
P2369-13MEDL	A43N7MEDL	Solid	Pentachlorophenol	230,000.000	D	10000	58000	ug/Kg
			Total Svoc :	230,000.00				
			Total Concentration:	1,940,000.00				
Client ID : A43Q5								
P2371-01	A43Q5	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2371-01	A43Q5	Solid	Fluoran thene *	100.000	J			
P2371-01	A43Q5	Solid	n-Hexadecanoic acid *	280.000	J			
P2371-01	A43Q5	Solid	Octadecanoic acid *	85.000	J			
P2371-01	A43Q5	Solid	Pentadecafluorooctanoic acid, oct: *	180.000	J			
P2371-01	A43Q5	Solid	R-(-)-1,2-propanediol *	190.000	J			
P2371-01	A43Q5	Solid	unknown-01 *	410.000	J			
P2371-01	A43Q5	Solid	Total Alkanes *	0.000		27	190	ug/Kg
			Total Tics :	1,445.00				
			Total Concentration:	1,445.00				
Client ID : A43Y7								
P2371-23	A43Y7	Solid	1-Propanamine, N-nitroso-N-prop *	3,400.000	J			
P2371-23	A43Y7	Solid	12-Octadecenoic acid, methyl este *	70.000	J			
P2371-23	A43Y7	Solid	3,3,4,4,4-Pentachlorobutan-2-one *	3,700.000	J			
P2371-23	A43Y7	Solid	9,10-Anthracenedione *	210.000	J			
P2371-23	A43Y7	Solid	Acena phthene *	3,400.000	J			
P2371-23	A43Y7	Solid	Benzene, 1,3-dichloro- *	1,500.000	J			
P2371-23	A43Y7	Solid	Benzene, 1,4-dichloro- *	4,200.000	J			
P2371-23	A43Y7	Solid	Benzene, 1-chloro-4-phenoxy- *	5,000.000	J			
P2371-23	A43Y7	Solid	Benzene, 1-methyl-2,4-dinitro- *	2,000.000	J			
P2371-23	A43Y7	Solid	Benzene, 2-methyl-1,3-dinitro- *	3,300.000	J			
P2371-23	A43Y7	Solid	Benzene, hexachloro- *	4,700.000	J			
P2371-23	A43Y7	Solid	Benzo[a]pyrene *	5,200.000	J			
P2371-23	A43Y7	Solid	Bis(2-chloroethyl) ether *	980.000	J			
P2371-23	A43Y7	Solid	Bis(2-ethylhexyl) phthalate *	790.000	J			
P2371-23	A43Y7	Solid	Dibenz[a,h]anthracene *	3,500.000	J			
P2371-23	A43Y7	Solid	Dibutyl phthalate *	4,000.000	J			
P2371-23	A43Y7	Solid	Diethyl Phthalate *	4,700.000	J			
P2371-23	A43Y7	Solid	Fluoran thene *	5,600.000	J			
P2371-23	A43Y7	Solid	Methane, bis(2-chloroethoxy)- *	900.000	J			

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2371-23	A43Y7	Solid	n-Hexadecanoic acid	*	210.000	J		
P2371-23	A43Y7	Solid	Naph thalene	*	4,400.000	J		
P2371-23	A43Y7	Solid	Naphthalene, 1-chloro-	*	1,600.000	J		
P2371-23	A43Y7	Solid	Pentadecanoic acid, 14-methyl-, n	*	76.000	J		
P2371-23	A43Y7	Solid	Phenol, 2,4,5-trichloro-	*	2,700.000	J		
P2371-23	A43Y7	Solid	Phenol, 2,4,6-trichloro-	*	1,300.000	J		
P2371-23	A43Y7	Solid	Phenol, 4-chloro-3-methyl-	*	2,500.000	J		
P2371-23	A43Y7	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :				69,936.00				
P2371-23	A43Y7	Solid	Pentachlorophenol		6,100.000	E 74	330	ug/Kg
Total Svoc :				6,100.00				
Total Concentration:				76,036.00				
Client ID : A43Y7DL								
P2371-23DL	A43Y7DL	Solid	1-Propanamine, N-nitroso-N-prop	*	2,500.000	JD		
P2371-23DL	A43Y7DL	Solid	3,3,4,4,4-Pentachlorobutan-2-one	*	2,800.000	JD		
P2371-23DL	A43Y7DL	Solid	Acena phthene	*	3,400.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, 1,2-dichloro-	*	3,300.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, 1,4-dichloro-	*	1,200.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, 1-chloro-4-phenoxy-	*	5,100.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, 1-methyl-2,4-dinitro-	*	1,900.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, 2-methyl-1,3-dinitro-	*	3,200.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzene, hexachloro-	*	4,900.000	JD		
P2371-23DL	A43Y7DL	Solid	Benzo[a]pyrene	*	4,900.000	JD		
P2371-23DL	A43Y7DL	Solid	Bis(2-chloroethyl) ether	*	630.000	JD		
P2371-23DL	A43Y7DL	Solid	Bis(2-ethylhexyl) phthalate	*	2,500.000	JD		
P2371-23DL	A43Y7DL	Solid	Chry sene	*	2,300.000	JD		
P2371-23DL	A43Y7DL	Solid	Dibenz[a,h]anthracene	*	3,100.000	JD		
P2371-23DL	A43Y7DL	Solid	Dibutyl phthalate	*	4,000.000	JD		
P2371-23DL	A43Y7DL	Solid	Diethyl Phthalate	*	4,600.000	JD		
P2371-23DL	A43Y7DL	Solid	Fluoran thene	*	5,600.000	JD		
P2371-23DL	A43Y7DL	Solid	Methane, bis(2-chloroethoxy)-	*	990.000	JD		
P2371-23DL	A43Y7DL	Solid	Naphthalene, 1-chloro-	*	1,600.000	JD		
P2371-23DL	A43Y7DL	Solid	Phenol, 2,4,5-trichloro-	*	2,600.000	JD		
P2371-23DL	A43Y7DL	Solid	Phenol, 2,4,6-trichloro-	*	1,200.000	JD		
P2371-23DL	A43Y7DL	Solid	Phenol, 4-chloro-3-methyl-	*	2,400.000	JD		
P2371-23DL	A43Y7DL	Solid	unknown-01	*	4,200.000	JD		
P2371-23DL	A43Y7DL	Solid	Total Alkanes	*	0.000	D 120	850	ug/Kg
Total Tics :				68,920.00				
P2371-23DL	A43Y7DL	Solid	Pentachlorophenol		5,300.000	D 370	1600	ug/Kg
Total Svoc :				5,300.00				

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				74,220.00				
Client ID : A43Y3								
P2372-23	A43Y3	Solid	1-Propanamine, N-nitroso-N-prop *	360.000	J			
P2372-23	A43Y3	Solid	13-Octadecenoic acid, methyl este *	110.000	J			
P2372-23	A43Y3	Solid	3,3,4,4,4-Pentachlorobutan-2-one *	400.000	J			
P2372-23	A43Y3	Solid	9,10-Anthracenedione *	250.000	J			
P2372-23	A43Y3	Solid	Acena phthene *	3,900.000	J			
P2372-23	A43Y3	Solid	Benzene, 1,2-dichloro-	460.000	J			
P2372-23	A43Y3	Solid	Benzene, 1,3-dichloro-	170.000	J			
P2372-23	A43Y3	Solid	Benzene, 1-chloro-4-phenoxy-	6,000.000	J			
P2372-23	A43Y3	Solid	Benzene, 1-methyl-2,4-dinitro-	2,300.000	J			
P2372-23	A43Y3	Solid	Benzene, 2-methyl-1,3-dinitro-	3,900.000	J			
P2372-23	A43Y3	Solid	Benzene, hexachloro-	5,500.000	J			
P2372-23	A43Y3	Solid	Benzo[a]pyrene *	5,800.000	J			
P2372-23	A43Y3	Solid	Bis(2-chloroethyl) ether *	1,000.000	J			
P2372-23	A43Y3	Solid	Bis(2-ethylhexyl) phthalate *	870.000	J			
P2372-23	A43Y3	Solid	Chry sene *	800.000	J			
P2372-23	A43Y3	Solid	Dibenz[a,h]anthracene *	2,200.000	J			
P2372-23	A43Y3	Solid	Dibutyl phthalate *	4,900.000	J			
P2372-23	A43Y3	Solid	Diethyl Phthalate *	5,500.000	J			
P2372-23	A43Y3	Solid	Fluoran thene *	6,400.000	J			
P2372-23	A43Y3	Solid	Hexadecanoic acid, methyl ester *	130.000	J			
P2372-23	A43Y3	Solid	Methane, bis (2-chloroethoxy)- *	97.000	J			
P2372-23	A43Y3	Solid	Methyl stearate *	68.000	J			
P2372-23	A43Y3	Solid	Methyl tetradecanoate *	100.000	J			
P2372-23	A43Y3	Solid	n-Hexadecanoic acid *	300.000	J			
P2372-23	A43Y3	Solid	Naphthalene, 1-chloro-	1,700.000	J			
P2372-23	A43Y3	Solid	Phenol, 2,4,5-trichloro-	3,100.000	J			
P2372-23	A43Y3	Solid	Phenol, 2,4,6-trichloro-	1,400.000	J			
P2372-23	A43Y3	Solid	Phenol, 4-chloro-3-methyl-	2,800.000	J			
P2372-23	A43Y3	Solid	unknown-01 *	67.000	J			
P2372-23	A43Y3	Solid	Total Alkanes *	0.000	24		170	ug/Kg
Total Tics :				60,582.00				
P2372-23	A43Y3	Solid	Pentachlorophenol	7,500.000	E 74		330	ug/Kg
Total Svoc :				7,500.00				
Total Concentration:				68,082.00				
Client ID : A43Y3DL								
P2372-23DL	A43Y3DL	Solid	1,2-Benzenedicarboxylic acid, but *	4,500.000	JD			
P2372-23DL	A43Y3DL	Solid	1-Propanamine, N-nitroso-N-prop *	2,500.000	JD			

Hit Summary Sheet SW-846

SDG No.: BP051324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2372-23DL	A43Y3DL	Solid	Acena phthene	*	3,700.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, 1,3-dichloro-	*	1,100.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, 1,4-dichloro-	*	3,200.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, 1-chloro-4-phenoxy-	*	5,700.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, 1-methyl-2,4-dinitro-	*	2,200.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, 2-methyl-1,3-dinitro-	*	3,500.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzene, hexachloro-	*	5,300.000	JD		
P2372-23DL	A43Y3DL	Solid	Benzo[a]pyrene	*	5,500.000	JD		
P2372-23DL	A43Y3DL	Solid	Bis(2-chloroethyl) ether	*	680.000	JD		
P2372-23DL	A43Y3DL	Solid	Bis(2-ethylhexyl) phthalate	*	2,800.000	JD		
P2372-23DL	A43Y3DL	Solid	Dibenz[a,h]anthracene	*	1,500.000	JD		
P2372-23DL	A43Y3DL	Solid	Diethyl Phthalate	*	5,100.000	JD		
P2372-23DL	A43Y3DL	Solid	Ethane, hexachloro-	*	2,800.000	JD		
P2372-23DL	A43Y3DL	Solid	Fluoran thene	*	6,000.000	JD		
P2372-23DL	A43Y3DL	Solid	Methane, bis(2-chloroethoxy)-	*	950.000	JD		
P2372-23DL	A43Y3DL	Solid	Naphthalene	*	4,400.000	JD		
P2372-23DL	A43Y3DL	Solid	Naphthalene, 1-chloro-	*	1,600.000	JD		
P2372-23DL	A43Y3DL	Solid	Phenol, 2,4,5-trichloro-	*	2,800.000	JD		
P2372-23DL	A43Y3DL	Solid	Phenol, 2,4,6-trichloro-	*	1,300.000	JD		
P2372-23DL	A43Y3DL	Solid	Phenol, 4-chloro-3-methyl-	*	2,600.000	JD		
P2372-23DL	A43Y3DL	Solid	unknown-01	*	4,500.000	JD		
P2372-23DL	A43Y3DL	Solid	Total Alkanes	*	0.000	D 120	850	ug/Kg
			Total Tics :		74,230.00			
P2372-23DL	A43Y3DL	Solid	Pentachlorophenol		6,000.000	D 370	1600	ug/Kg
			Total Svoc :		6,000.00			
			Total Concentration:		80,230.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.592	0.509	0.519	0.500		0.537	7.5
Benzaldehyde		1.020	0.892	1.047	0.806	0.552	0.863	23.1
Pyridine		1.324	1.326	1.428	1.436	1.445	1.392	4.4
Hexachloroethane	0.556	0.603	0.575	0.601	0.597		0.586	3.5
Nitrobenzene	0.395	0.420	0.438	0.453	0.443		0.430	5.4
Isophorone	0.788	0.822	0.843	0.832	0.848		0.827	2.9
2-Nitrophenol	0.152	0.170	0.180	0.190	0.195		0.178	9.7
2,4-Dimethylphenol	0.376	0.373	0.395	0.395	0.398		0.388	3.1
Bis(2-Chloroethoxy)methane	0.435	0.463	0.462	0.467	0.466		0.458	2.9
2,4-Dichlorophenol	0.266	0.298	0.312	0.319	0.327		0.304	7.9
Naphthalene	1.015	1.017	1.031	1.048	1.043		1.031	1.4
4-Chloroaniline		0.418	0.434	0.421	0.438	0.431	0.428	2.0
Hexachlorobutadiene	0.237	0.235	0.231	0.241	0.239		0.236	1.7
Phenol		1.658	1.688	1.789	1.847	1.882	1.773	5.5
Caprolactam		0.103	0.116	0.101	0.113	0.099	0.106	7.2
4-Chloro-3-methylphenol	0.338	0.375	0.396	0.385	0.401		0.379	6.6
1-Methylnaphthalene	0.713	0.719	0.732	0.718	0.727		0.722	1.0
2-Methylnaphthalene	0.702	0.722	0.715	0.718	0.729		0.717	1.4
Hexachlorocyclopentadiene		0.244	0.277	0.364	0.386	0.425	0.339	22.4
2,4,6-Trichlorophenol	0.360	0.364	0.393	0.421	0.418		0.391	7.4
2,4,5-Trichlorophenol	0.395	0.408	0.424	0.426	0.452		0.421	5.1
1,1-Biphenyl	1.391	1.386	1.401	1.468	1.427		1.415	2.4
2-Chloronaphthalene	1.099	1.096	1.106	1.160	1.152		1.122	2.7
2-Nitroaniline	0.293	0.354	0.398	0.403	0.413		0.372	13.4
Bis(2-Chloroethyl)ether		1.349	1.349	1.417	1.411	1.409	1.387	2.5
Dimethylphthalate	1.387	1.492	1.526	1.443	1.528		1.475	4.1
2,6-Dinitrotoluene	0.251	0.280	0.308	0.303	0.325		0.293	9.8
Acenaphthylene	1.747	1.800	1.817	1.868	1.842		1.815	2.5
3-Nitroaniline		0.254	0.277	0.277	0.287	0.273	0.274	4.5
Acenaphthene	1.203	1.202	1.212	1.239	1.242		1.220	1.6
2,4-Dinitrophenol		0.128	0.165	0.171	0.216	0.220	0.180	21.3
4-Nitrophenol		0.155	0.251	0.233	0.268	0.262	0.234	19.6
Dibenzofuran	1.631	1.647	1.696	1.667	1.744		1.677	2.7
2,4-Dinitrotoluene	0.344	0.407	0.458	0.419	0.480		0.422	12.4
Diethylphthalate	1.374	1.450	1.549	1.417	1.573		1.473	5.8
2-Chlorophenol	1.239	1.243	1.249	1.324	1.354		1.282	4.2

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.333	1.388	1.415	1.379	1.453		1.394	3.2
4-Chlorophenyl-phenylether	0.705	0.733	0.750	0.730	0.778		0.739	3.7
4-Nitroaniline		0.217	0.252	0.231	0.238	0.202	0.228	8.5
4,6-Dinitro-2-methylphenol		0.114	0.128	0.133	0.143	0.144	0.132	9.4
N-Nitrosodiphenylamine	0.544	0.557	0.539	0.586	0.557		0.557	3.3
1,2,4,5-Tetrachlorobenzene	0.601	0.602	0.602	0.666	0.648		0.624	5.0
4-Bromophenyl-phenylether	0.210	0.212	0.208	0.233	0.221		0.217	4.7
Hexachlorobenzene	0.246	0.246	0.245	0.261	0.256		0.251	2.9
Atrazine		0.199	0.195	0.199	0.203	0.192	0.197	2.2
Pentachlorophenol		0.126	0.152	0.150	0.163	0.168	0.152	10.9
2-Methylphenol		1.200	1.283	1.336	1.392	1.401	1.322	6.3
Phenanthrene	0.995	1.017	1.029	1.035	1.026		1.020	1.5
Pentachlorobenzene	0.304	0.288	0.280	0.323	0.292		0.297	5.7
Anthracene	0.996	1.022	1.050	1.052	1.069		1.038	2.8
1,2,3,4-Tetrachlorobenzene	0.295	0.287	0.274	0.340	0.290		0.297	8.4
Carbazole		0.873	0.948	0.887	0.911	0.852	0.894	4.2
Di-n-butylphthalate	0.962	1.024	1.171	1.054	1.207		1.084	9.5
Fluoranthene	1.238	1.440	1.245	1.453	1.503		1.376	9.1
Pyrene	1.321	1.480	1.303	1.506	1.547		1.432	7.8
Butylbenzylphthalate	0.477	0.511	0.531	0.549	0.649		0.543	11.9
3,3-Dichlorobenzidine		0.397	0.426	0.433	0.402	0.376	0.407	5.6
2,2-oxybis (1-Chloropropane)		1.726	1.735	1.761	1.746	1.685	1.730	1.7
Benzo (a) anthracene	1.303	1.330	1.360	1.387	1.403		1.357	3.0
Chrysene	1.218	1.227	1.264	1.289	1.288		1.257	2.6
Bis (2-ethylhexyl) phthalate	0.724	0.700	0.784	0.777	0.935		0.784	11.7
Di-n-octyl phthalate		1.111	1.219	1.121	1.628	1.325	1.281	16.6
Benzo (b) fluoranthene	1.088	1.170	1.190	1.207	1.294		1.190	6.2
Benzo (k) fluoranthene	1.167	1.194	1.208	1.188	1.305		1.212	4.4
Benzo (a) pyrene	1.064	1.107	1.129	1.178	1.181		1.132	4.4
Indeno (1,2,3-cd) pyrene	1.376	1.390	1.263	1.520	1.390		1.388	6.5
Dibenzo (a,h) anthracene	1.159	1.143	1.036	1.248	1.154		1.148	6.6
Benzo (g,h,i) perylene	1.129	1.112	0.997	1.242	1.115		1.119	7.7
Acetophenone		2.240	2.250	2.317	2.369	2.347	2.305	2.5
2,3,4,6-Tetrachlorophenol	0.339	0.367	0.396	0.379	0.409		0.378	7.2
1,4-Dioxane-d8	0.484	0.485	0.462	0.471	0.466		0.474	2.3
Pyridine-d5		1.313	1.264	1.411	1.442	1.450	1.376	6.1

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.: BP050124 SAS No.: BP050124 SDG No.: BP050124
Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____
Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D			RRFAL2 = BP020133.D		RRFAL3 = BP020134.D	
		RRFAL4 = BP020135.D			RRFAL5 = BP020136.D		RRFAL6 = BP020137.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.592	1.618	1.729	1.800	1.848	1.718	6.5
Bis-(2-Chloroethyl)ether-d8		1.017	1.022	1.069	1.063	1.046	1.043	2.2
2-Chlorophenol-d4	1.174	1.173	1.205	1.282	1.306		1.228	5.1
4-Methylphenol-d8		1.270	1.343	1.404	1.458	1.467	1.389	6.0
Nitrobenzene-d5	0.137	0.143	0.149	0.159	0.160		0.150	6.5
2-Nitrophenol-d4	0.151	0.164	0.172	0.183	0.187		0.172	8.5
2,4-Dichlorophenol-d3	0.271	0.306	0.319	0.331	0.338		0.313	8.5
4-Chloroaniline-d4		0.427	0.443	0.438	0.450	0.433	0.438	2.0
4-Methylphenol		1.355	1.394	1.449	1.490	1.499	1.437	4.3
Dimethylphthalate-d6	1.416	1.434	1.490	1.437	1.526		1.461	3.1
Acenaphthylene-d8	1.538	1.572	1.613	1.664	1.680		1.613	3.7
4-Nitrophenol-d4		0.165	0.234	0.214	0.257	0.252	0.224	16.6
Fluorene-d10	1.183	1.210	1.240	1.187	1.270		1.218	3.0
4,6-Dinitro-2-methylphenol-		0.105	0.124	0.128	0.137	0.141	0.127	11.0
Anthracene-d10	0.810	0.854	0.874	0.888	0.900		0.865	4.1
Pyrene-d10	1.056	1.215	1.073	1.233	1.268		1.169	8.3
Benzo(a)pyrene-d12	0.907	0.942	0.969	0.987	1.030		0.967	4.8
N-Nitroso-di-n-propylamine	1.206	1.232	1.245	1.274	1.297		1.251	2.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020632

Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020134.D

Time Analyzed: 09:07

Instrument ID: BNA_P

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	94559	7.628	394839	10.41	280550	14.30
	UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
	LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
	EPA SAMPLE NO.						
01	SBLK849	78797	7.61	322126	10.38	224335	14.28
02	A43Y7	66771	7.60	270978	10.38	186217	14.28
03	A43Y7DL	81378	7.61	338072	10.39	232294	14.28
04	A43Y3	76058	7.61	306421	10.38	206592	14.28
05	A43Y3DL	84175	7.62	348967	10.38	234206	14.28
06	A43N5ME	64668	7.59	257355	10.36	180983	14.29
07	A43N6ME	88414	7.61	358924	10.38	249999	14.28
08	A43N7ME	76998	7.61	301840	10.38	215032	14.28
09	SBLK849	65133	7.61	244855	10.38	163326	14.29
10	A43Q5	65767	7.61	265841	10.38	187676	14.29
11	A43Q5MS	74761	7.61	299125	10.38	202385	14.29
12	A43Q5MSD	71298	7.61	295323	10.38	201056	14.29
13	A43N5MEDL	52114	7.61	207087	10.39	142987	14.28
14	A43N6MEDL	82822	7.61	326308	10.38	233857	14.28
15	A43N7MEDL	72401	7.61	290744	10.39	212088	14.28
16	SLCS849	70147	7.61	293918	10.38	217565	14.28



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020632 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 22:57

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	94559	7.628	394839	10.41	280550	14.30
UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020796 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020348.D Time Analyzed: 09:07

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	93881	7.61	382025	10.38	262851	14.28
UPPER LIMIT	187762	8.11	764050	10.881	525702	14.781
LOWER LIMIT	46940.5	7.11	191012.5	9.881	131425.5	13.781
EPA SAMPLE NO.						
01 SBLK849	78797	7.61	322126	10.38	224335	14.28
02 A43Y7	66771	7.60	270978	10.38	186217	14.28
03 A43Y7DL	81378	7.61	338072	10.39	232294	14.28
04 A43Y3	76058	7.61	306421	10.38	206592	14.28
05 A43Y3DL	84175	7.62	348967	10.38	234206	14.28
06 A43N5ME	64668	7.59	257355	10.36	180983	14.29
07 A43N6ME	88414	7.61	358924	10.38	249999	14.28
08 A43N7ME	76998	7.61	301840	10.38	215032	14.28

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020797 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020357.D Time Analyzed: 17:52

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	90769	7.611	365436	10.38	257300	14.29
UPPER LIMIT	181538	8.111	730872	10.881	514600	14.787
LOWER LIMIT	45384.5	7.111	182718	9.881	128650	13.787
EPA SAMPLE NO.						
01 SBLK849	65133	7.61	244855	10.38	163326	14.29
02 A43Q5	65767	7.61	265841	10.38	187676	14.29
03 A43Q5MS	74761	7.61	299125	10.38	202385	14.29
04 A43Q5MSD	71298	7.61	295323	10.38	201056	14.29
05 A43N5MEDL	52114	7.61	207087	10.39	142987	14.28
06 A43N6MEDL	82822	7.61	326308	10.38	233857	14.28
07 A43N7MEDL	72401	7.61	290744	10.39	212088	14.28
08 SLCS849	70147	7.61	293918	10.38	217565	14.28

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020632 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 09:07

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	630053	17.139	637602	21.639	700054	25.016
	UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
	LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
	EPA SAMPLE NO.						
01	SBLK849	521304	17.12	548516	21.61	616984	24.96
02	A43Y7	427130	17.11	462665	21.62	545398	24.97
03	A43Y7DL	512695	17.12	508041	21.61	579769	24.96
04	A43Y3	465336	17.13	493644	21.62	583014	24.97
05	A43Y3DL	523209	17.12	510428	21.62	583096	24.96
06	A43N5ME	413361	17.13	441058	21.62	507814	24.98
07	A43N6ME	556686	17.12	547352	21.62	637221	24.96
08	A43N7ME	468567	17.12	465409	21.60	530743	24.96
09	SBLK849	364501	17.13	425311	21.62	542092	24.97
10	A43Q5	422114	17.13	450654	21.63	509130	24.97
11	A43Q5MS	449947	17.13	474542	21.61	537992	24.97
12	A43Q5MSD	447692	17.12	482790	21.60	546822	24.96
13	A43N5MEDL	339400	17.12	414487	21.62	539869	24.95
14	A43N6MEDL	531408	17.13	544886	21.62	624484	24.96
15	A43N7MEDL	484296	17.12	513699	21.61	605771	24.97
16	SLCS849	496429	17.12	528317	21.62	597353	24.97

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020632 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 22:57

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	630053	17.139	637602	21.639	700054	25.016
UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020796 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020348.D Time Analyzed: 09:07

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	572857	17.116	575467	21.616	653462	24.968
UPPER LIMIT	1145714	17.616	1150934	22.116	1306924	25.468
LOWER LIMIT	286428.5	16.616	287733.5	21.116	326731	24.468
EPA SAMPLE NO.						
01 SBLK849	521304	17.12	548516	21.61	616984	24.96
02 A43Y7	427130	17.11	462665	21.62	545398	24.97
03 A43Y7DL	512695	17.12	508041	21.61	579769	24.96
04 A43Y3	465336	17.13	493644	21.62	583014	24.97
05 A43Y3DL	523209	17.12	510428	21.62	583096	24.96
06 A43N5ME	413361	17.13	441058	21.62	507814	24.98
07 A43N6ME	556686	17.12	547352	21.62	637221	24.96
08 A43N7ME	468567	17.12	465409	21.60	530743	24.96

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.: BP051324 SAS No.: BP051324 SDG NO.: BP051324

EPA Sample No.: SSTD020797 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BP020357.D Time Analyzed: 17:52

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	572880	17.128	612796	21.616	695735	24.963
UPPER LIMIT	1145760	17.628	1225592	22.116	1391470	25.463
LOWER LIMIT	286440	16.628	306398	21.116	347867.5	24.463
EPA SAMPLE NO.						
01 SBLK849	364501	17.13	425311	21.62	542092	24.97
02 A43Q5	422114	17.13	450654	21.63	509130	24.97
03 A43Q5MS	449947	17.13	474542	21.61	537992	24.97
04 A43Q5MSD	447692	17.12	482790	21.60	546822	24.96
05 A43N5MEDL	339400	17.12	414487	21.62	539869	24.95
06 A43N6MEDL	531408	17.13	544886	21.62	624484	24.96
07 A43N7MEDL	484296	17.12	513699	21.61	605771	24.97
08 SLCS849	496429	17.12	528317	21.62	597353	24.97

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.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160849BS	1,4-Dioxane	15800	10000	ug/Kg	63				0	0		
	Benzaldehyde	39600	36000	ug/Kg	91				0	0		
	Pyridine	39600	26000	ug/Kg	66				0	0		
	Phenol	39600	28000	ug/Kg	71				0	0		
	Bis(2-chloroethyl)ether	39600	27000	ug/Kg	68				0	0		
	2-Chlorophenol	39600	30000	ug/Kg	76				0	0		
	2-Methylphenol	39600	28000	ug/Kg	71				0	0		
	2,2-oxybis(1-Chloropropane)	39600	26000	ug/Kg	66				0	0		
	Acetophenone	39600	28000	ug/Kg	71				0	0		
	4-Methylphenol	39600	29000	ug/Kg	73				0	0		
	N-Nitroso-di-n-propylamine	39600	27000	ug/Kg	68				0	0		
	Hexachloroethane	39600	29000	ug/Kg	73				0	0		
	Nitrobenzene	39600	27000	ug/Kg	68				0	0		
	Isophorone	39600	27000	ug/Kg	68				0	0		
	2-Nitrophenol	39600	30000	ug/Kg	76				0	0		
	2,4-Dimethylphenol	39600	26000	ug/Kg	66				0	0		
	Bis(2-chloroethoxy)methane	39600	27000	ug/Kg	68				0	0		
	2,4-Dichlorophenol	39600	31000	ug/Kg	78				0	0		
	Naphthalene	39600	28000	ug/Kg	71				0	0		
	4-Chloroaniline	39600	26000	ug/Kg	66				0	0		
	Hexachlorobutadiene	39600	30000	ug/Kg	76				0	0		
	Caprolactam	39600	32000	ug/Kg	81				0	0		
	4-Chloro-3-methylphenol	39600	30000	ug/Kg	76				0	0		
	1-Methylnaphthalene	39600	29000	ug/Kg	73				0	0		
	2-Methylnaphthalene	39600	30000	ug/Kg	76				0	0		
	Hexachlorocyclopentadiene	39600	17000	ug/Kg	43				0	0		
	2,4,6-Trichlorophenol	39600	30000	ug/Kg	76				0	0		
	2,4,5-Trichlorophenol	39600	30000	ug/Kg	76				0	0		
	1,1'-Biphenyl	39600	28000	ug/Kg	71				0	0		
	2-Chloronaphthalene	39600	28000	ug/Kg	71				0	0		
	2-Nitroaniline	39600	29000	ug/Kg	73				0	0		
	Dimethylphthalate	39600	29000	ug/Kg	73				0	0		
	2,6-Dinitrotoluene	39600	30000	ug/Kg	76				0	0		
	Acenaphthylene	39600	28000	ug/Kg	71				0	0		
	3-Nitroaniline	39600	30000	ug/Kg	76				0	0		
	Acenaphthene	39600	27000	ug/Kg	68				0	0		
	2,4-Dinitrophenol	39600	27000	ug/Kg	68				0	0		
	4-Nitrophenol	39600	35000	ug/Kg	88				0	0		
	Dibenzofuran	39600	30000	ug/Kg	76				0	0		
	2,4-Dinitrotoluene	39600	33000	ug/Kg	83				0	0		
	Diethylphthalate	39600	31000	ug/Kg	78				0	0		
	Fluorene	39600	30000	ug/Kg	76				0	0		
	4-Chlorophenyl-phenylether	39600	30000	ug/Kg	76				0	0		
	4-Nitroaniline	39600	36000	ug/Kg	91				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160849BS	4,6-Dinitro-2-methylphenol	39600	30000	ug/Kg	76				0	0	
	N-Nitrosodiphenylamine	39600	29000	ug/Kg	73				0	0	
	1,2,4,5-Tetrachlorobenzene	39600	30000	ug/Kg	76				0	0	
	4-Bromophenyl-phenylether	39600	30000	ug/Kg	76				0	0	
	Hexachlorobenzene	39600	30000	ug/Kg	76				0	0	
	Atrazine	39600	32000	ug/Kg	81				0	0	
	Pentachlorophenol	39600	30000	ug/Kg	76				0	0	
	Phenanthrene	39600	29000	ug/Kg	73				0	0	
	Pentachlorobenzene	39600	28000	ug/Kg	71				0	0	
	Anthracene	39600	29000	ug/Kg	73				0	0	
	1,2,3,4-Tetrachlorobenzene	39600	26000	ug/Kg	66				0	0	
	Carbazole	39600	31000	ug/Kg	78				0	0	
	Di-n-butylphthalate	39600	32000	ug/Kg	81				0	0	
	Fluoranthene	39600	26000	ug/Kg	66				0	0	
	Pyrene	39600	27000	ug/Kg	68				0	0	
	Butylbenzylphthalate	39600	28000	ug/Kg	71				0	0	
	3,3'-Dichlorobenzidine	39600	32000	ug/Kg	81				0	0	
	Benzo(a)anthracene	39600	29000	ug/Kg	73				0	0	
	Chrysene	39600	30000	ug/Kg	76				0	0	
	Bis(2-ethylhexyl)phthalate	39600	29000	ug/Kg	73				0	0	
	Di-n-octylphthalate	39600	28000	ug/Kg	71				0	0	
	Benzo(b)fluoranthene	39600	29000	ug/Kg	73				0	0	
	Benzo(k)fluoranthene	39600	29000	ug/Kg	73				0	0	
	Benzo(a)pyrene	39600	26000	ug/Kg	66				0	0	
	Indeno(1,2,3-cd)pyrene	39600	30000	ug/Kg	76				0	0	
	Dibenzo(a,h)anthracene	39600	29000	ug/Kg	73				0	0	
	Benzo(g,h,i)perylene	39600	28000	ug/Kg	71				0	0	
	2,3,4,6-Tetrachlorophenol	39600	32000	ug/Kg	81				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A43Y7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051324

SAS No.: BP051324 SDG NO.: BP051324

Lab File ID: BP020350.D

Lab Sample ID: P2371-23

Instrument ID: BNA_P

Date Extracted: 05/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/13/2024

Level: (low/med) LOW

Time Analyzed: 09:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43Y7	P2371-23	BP020350.D	05/13/2024
A43Q5	P2371-01	BP020359.D	05/13/2024
A43Q5MS	P2371-02MS	BP020360.D	05/13/2024
A43Q5MSD	P2371-03MSD	BP020361.D	05/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A43Y3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051324

SAS No.: BP051324 SDG NO.: BP051324

Lab File ID: BP020352.D

Lab Sample ID: P2372-23

Instrument ID: BNA_P

Date Extracted: 05/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/13/2024

Level: (low/med) LOW

Time Analyzed: 11:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43Y3	P2372-23	BP020352.D	05/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK849

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051324

SAS No.: BP051324 SDG NO.: BP051324

Lab File ID: BP020349.D

Lab Sample ID: PB160849BL

Instrument ID: BNA_P

Date Extracted: 05/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/13/2024

Level: (low/med) MED

Time Analyzed: 09:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43N5ME	P2369-11ME	BP020354.D	05/13/2024
A43N6ME	P2369-12ME	BP020355.D	05/13/2024
A43N7ME	P2369-13ME	BP020356.D	05/13/2024
A43N5MEDL	P2369-11MEDL	BP020362.D	05/13/2024
A43N6MEDL	P2369-12MEDL	BP020363.D	05/13/2024
A43N7MEDL	P2369-13MEDL	BP020364.D	05/13/2024
PB160849BS	PB160849BS	BP020365.D	05/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2371-02MS	Client Sample ID:	A43Q5MS				DataFile:	BP020360.D			
1,4-Dioxane	610		550	ug/Kg	90				15	120	
Benzaldehyde	1500		1800	ug/Kg	120				0	0	
Pyridine	1500		1400	ug/Kg	93				0	0	
Phenol	1500		1500	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93				0	0	
2-Chlorophenol	1500		1600	ug/Kg	107	*			25	102	
2-Methylphenol	1500		1500	ug/Kg	100				0	0	
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87				0	0	
Acetophenone	1500		1400	ug/Kg	93				0	0	
4-Methylphenol	1500		1500	ug/Kg	100				0	0	
N-Nitroso-di-n-propylamine	1500		1400	ug/Kg	93				41	126	
Hexachloroethane	1500		1500	ug/Kg	100				0	0	
Nitrobenzene	1500		1500	ug/Kg	100				0	0	
Isophorone	1500		1500	ug/Kg	100				0	0	
2-Nitrophenol	1500		1700	ug/Kg	113				0	0	
2,4-Dimethylphenol	1500		1300	ug/Kg	87				0	0	
Bis(2-chloroethoxy)methane	1500		1500	ug/Kg	100				0	0	
2,4-Dichlorophenol	1500		1700	ug/Kg	113				0	0	
Naphthalene	1500		1600	ug/Kg	107				0	0	
4-Chloroaniline	1500		1500	ug/Kg	100				0	0	
Hexachlorobutadiene	1500		1600	ug/Kg	107				0	0	
Caprolactam	1500		1600	ug/Kg	107				0	0	
4-Chloro-3-methylphenol	1500		1700	ug/Kg	113	*			26	103	
1-Methylnaphthalene	1500		1600	ug/Kg	107				0	0	
2-Methylnaphthalene	1500		1600	ug/Kg	107				0	0	
Hexachlorocyclopentadiene	1500		900	ug/Kg	60				0	0	
2,4,6-Trichlorophenol	1500		1800	ug/Kg	120				0	0	
2,4,5-Trichlorophenol	1500		1800	ug/Kg	120				0	0	
1,1'-Biphenyl	1500		1600	ug/Kg	107				0	0	
2-Chloronaphthalene	1500		1600	ug/Kg	107				0	0	
2-Nitroaniline	1500		1700	ug/Kg	113				0	0	
Dimethylphthalate	1500		1600	ug/Kg	107				0	0	
2,6-Dinitrotoluene	1500		1700	ug/Kg	113				0	0	
Acenaphthylene	1500		1600	ug/Kg	107				0	0	
3-Nitroaniline	1500		1800	ug/Kg	120				0	0	
Acenaphthene	1500		1600	ug/Kg	107				31	137	
2,4-Dinitrophenol	1500		1500	ug/Kg	100				0	0	
4-Nitrophenol	1500		1400	ug/Kg	93				11	114	
Dibenzofuran	1500		1700	ug/Kg	113				0	0	
2,4-Dinitrotoluene	1500		1800	ug/Kg	120	*			28	89	
Diethylphthalate	1500		1600	ug/Kg	107				0	0	
Fluorene	1500		1700	ug/Kg	113				0	0	
4-Chlorophenyl-phenylether	1500		1700	ug/Kg	113				0	0	
4-Nitroaniline	1500		2000	ug/Kg	133				0	0	
4,6-Dinitro-2-methylphenol	1500		1600	ug/Kg	107				0	0	
N-Nitrosodiphenylamine	1500		1600	ug/Kg	107				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1800	ug/Kg	120				0	0	
4-Bromophenyl-phenylether	1500		1700	ug/Kg	113				0	0	
Hexachlorobenzene	1500		1700	ug/Kg	113				0	0	
Atrazine	1500		1800	ug/Kg	120				0	0	
Pentachlorophenol	1500		1700	ug/Kg	113	*			17	109	
Phenanthrene	1500		1700	ug/Kg	113				0	0	
Pentachlorobenzene	1500		1700	ug/Kg	113				0	0	
Anthracene	1500		1600	ug/Kg	107				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1600	ug/Kg	107				0	0	
Carbazole	1500		1700	ug/Kg	113				0	0	
Di-n-butylphthalate	1500		1700	ug/Kg	113				0	0	
Fluoranthene	1500		1500	ug/Kg	100				0	0	
Pyrene	1500		1500	ug/Kg	100				35	142	
Butylbenzylphthalate	1500		1600	ug/Kg	107				0	0	
3,3'-Dichlorobenzidine	1500		1500	ug/Kg	100				0	0	
Benzo(a)anthracene	1500		1600	ug/Kg	107				0	0	
Chrysene	1500		1700	ug/Kg	113				0	0	
Bis(2-ethylhexyl)phthalate	1500		1600	ug/Kg	107				0	0	
Di-n-octylphthalate	1500		1500	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1500		1700	ug/Kg	113				0	0	
Benzo(k)fluoranthene	1500		1600	ug/Kg	107				0	0	
Benzo(a)pyrene	1500		1500	ug/Kg	100				0	0	
Indeno(1,2,3-cd)pyrene	1500		1700	ug/Kg	113				0	0	
Dibenzo(a,h)anthracene	1500		1600	ug/Kg	107				0	0	
Benzo(g,h,i)perylene	1500		1600	ug/Kg	107				0	0	
2,3,4,6-Tetrachlorophenol	1500		1800	ug/Kg	120				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2371-03MSD	Client Sample ID:	A43Q5MSD					DataFile:	BP020361.D		
1,4-Dioxane	610		500	ug/Kg	82		9		15	120	50
Benzaldehyde	1500		1800	ug/Kg	120		0		0	0	0
Pyridine	1500		1300	ug/Kg	87		7	*	0	0	0
Phenol	1500		1500	ug/Kg	100	*	0		26	90	35
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93		0		0	0	0
2-Chlorophenol	1500		1500	ug/Kg	100		7		25	102	50
2-Methylphenol	1500		1500	ug/Kg	100		0		0	0	0
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87		0		0	0	0
Acetophenone	1500		1400	ug/Kg	93		0		0	0	0
4-Methylphenol	1500		1500	ug/Kg	100		0		0	0	0
N-Nitroso-di-n-propylamine	1500		1400	ug/Kg	93		0		41	126	38
Hexachloroethane	1500		1400	ug/Kg	93		7	*	0	0	0
Nitrobenzene	1500		1500	ug/Kg	100		0		0	0	0
Isophorone	1500		1400	ug/Kg	93		7	*	0	0	0
2-Nitrophenol	1500		1600	ug/Kg	107		5	*	0	0	0
2,4-Dimethylphenol	1500		1300	ug/Kg	87		0		0	0	0
Bis(2-chloroethoxy)methane	1500		1400	ug/Kg	93		7	*	0	0	0
2,4-Dichlorophenol	1500		1700	ug/Kg	113		0		0	0	0
Naphthalene	1500		1500	ug/Kg	100		7	*	0	0	0
4-Chloroaniline	1500		1400	ug/Kg	93		7	*	0	0	0
Hexachlorobutadiene	1500		1500	ug/Kg	100		7	*	0	0	0
Caprolactam	1500		1600	ug/Kg	107		0		0	0	0
4-Chloro-3-methylphenol	1500		1600	ug/Kg	107	*	5		26	103	33
1-Methylnaphthalene	1500		1500	ug/Kg	100		7	*	0	0	0
2-Methylnaphthalene	1500		1500	ug/Kg	100		7	*	0	0	0
Hexachlorocyclopentadiene	1500		900	ug/Kg	60		0		0	0	0
2,4,6-Trichlorophenol	1500		1700	ug/Kg	113		6	*	0	0	0
2,4,5-Trichlorophenol	1500		1700	ug/Kg	113		6	*	0	0	0
1,1'-Biphenyl	1500		1600	ug/Kg	107		0		0	0	0
2-Chloronaphthalene	1500		1600	ug/Kg	107		0		0	0	0
2-Nitroaniline	1500		1600	ug/Kg	107		5	*	0	0	0
Dimethylphthalate	1500		1600	ug/Kg	107		0		0	0	0
2,6-Dinitrotoluene	1500		1600	ug/Kg	107		5	*	0	0	0
Acenaphthylene	1500		1500	ug/Kg	100		7	*	0	0	0
3-Nitroaniline	1500		1700	ug/Kg	113		6	*	0	0	0
Acenaphthene	1500		1500	ug/Kg	100		7		31	137	19
2,4-Dinitrophenol	1500		1400	ug/Kg	93		7	*	0	0	0
4-Nitrophenol	1500		1900	ug/Kg	127	*	31		11	114	50
Dibenzofuran	1500		1600	ug/Kg	107		5	*	0	0	0
2,4-Dinitrotoluene	1500		1800	ug/Kg	120	*	0		28	89	47
Diethylphthalate	1500		1600	ug/Kg	107		0		0	0	0
Fluorene	1500		1600	ug/Kg	107		5	*	0	0	0
4-Chlorophenyl-phenylether	1500		1600	ug/Kg	107		5	*	0	0	0
4-Nitroaniline	1500		2100	ug/Kg	140		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		1500	ug/Kg	100		7	*	0	0	0
N-Nitrosodiphenylamine	1500		1600	ug/Kg	107		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1600	ug/Kg	107	11	*		0	0	0
4-Bromophenyl-phenylether	1500		1600	ug/Kg	107	5	*		0	0	0
Hexachlorobenzene	1500		1600	ug/Kg	107	5	*		0	0	0
Atrazine	1500		1700	ug/Kg	113	6	*		0	0	0
Pentachlorophenol	1500		1600	ug/Kg	107	5			17	109	47
Phenanthrene	1500		1600	ug/Kg	107	5	*		0	0	0
Pentachlorobenzene	1500		1600	ug/Kg	107	5	*		0	0	0
Anthracene	1500		1600	ug/Kg	107	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1500	ug/Kg	100	7	*		0	0	0
Carbazole	1500		1700	ug/Kg	113	0			0	0	0
Di-n-butylphthalate	1500		1700	ug/Kg	113	0			0	0	0
Fluoranthene	1500		1400	ug/Kg	93	7	*		0	0	0
Pyrene	1500		1400	ug/Kg	93	7			35	142	36
Butylbenzylphthalate	1500		1500	ug/Kg	100	7	*		0	0	0
3,3'-Dichlorobenzidine	1500		1500	ug/Kg	100	0			0	0	0
Benzo(a)anthracene	1500		1600	ug/Kg	107	0			0	0	0
Chrysene	1500		1600	ug/Kg	107	5	*		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100	7	*		0	0	0
Di-n-octylphthalate	1500		1500	ug/Kg	100	0			0	0	0
Benzo(b)fluoranthene	1500		1600	ug/Kg	107	5	*		0	0	0
Benzo(k)fluoranthene	1500		1500	ug/Kg	100	7	*		0	0	0
Benzo(a)pyrene	1500		1400	ug/Kg	93	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1700	ug/Kg	113	0			0	0	0
Dibenzo(a,h)anthracene	1500		1600	ug/Kg	107	0			0	0	0
Benzo(g,h,i)perylene	1500		1600	ug/Kg	107	0			0	0	0
2,3,4,6-Tetrachlorophenol	1500		1700	ug/Kg	113	6	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2371-01	A43Q5	BP020359.D	1,4-Dioxane-d8	8	5.91	74		15	120
			Pyridine-d5	40	28.09	70		20	120
			Phenol-d5	40	31.56	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.43	79		10	150
			2-Chlorophenol-d4	40	34.64	87		15	120
			4-Methylphenol-d8	40	32.27	81		10	140
			Nitrobenzene-d5	40	35.96	90		10	135
			2-Nitrophenol-d4	40	36.62	92		10	120
			2,4-Dichlorophenol-d3	40	35.93	90		10	140
			4-Chloroaniline-d4	40	35.46	89		1	145
			Dimethylphthalate-d6	40	42.08	105		10	145
			Acenaphthylene-d8	40	40.26	101		15	120
			4-Nitrophenol-d4	40	36.71	92		10	150
			Fluorene-d10	40	43.28	108		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.33	78		10	130
			Anthracene-d10	40	43.08	108		10	150
			Pyrene-d10	40	40.17	100		10	130
			Benzo(a)pyrene-d12	40	44.76	112		10	140
P2371-02MS	A43Q5MS	BP020360.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Pyridine-d5	40	26.27	66		20	120
			Phenol-d5	40	31.43	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.25	76		10	150
			2-Chlorophenol-d4	40	33.73	84		15	120
			4-Methylphenol-d8	40	30.21	76		10	140
			Nitrobenzene-d5	40	35.10	88		10	135
			2-Nitrophenol-d4	40	35.68	89		10	120
			2,4-Dichlorophenol-d3	40	36.51	91		10	140
			4-Chloroaniline-d4	40	32.83	82		1	145
			Dimethylphthalate-d6	40	36.69	92		10	145
			Acenaphthylene-d8	40	36.02	90		15	120
			4-Nitrophenol-d4	40	29.62	74		10	150
			Fluorene-d10	40	36.26	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.92	85		10	130
			Anthracene-d10	40	37.14	93		10	150
			Pyrene-d10	40	32.69	82		10	130
			Benzo(a)pyrene-d12	40	36.89	92		10	140
P2371-03MSD	A43Q5MSD	BP020361.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	24.61	62		20	120
			Phenol-d5	40	30.94	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.73	74		10	150
			2-Chlorophenol-d4	40	33.29	83		15	120
			4-Methylphenol-d8	40	29.94	75		10	140
			Nitrobenzene-d5	40	34.02	85		10	135
			2-Nitrophenol-d4	40	34.71	87		10	120
			2,4-Dichlorophenol-d3	40	35.27	88		10	140
			4-Chloroaniline-d4	40	31.81	80		1	145
			Dimethylphthalate-d6	40	35.04	88		10	145
			Acenaphthylene-d8	40	34.95	87		15	120
			4-Nitrophenol-d4	40	31.78	79		10	150

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2371-03MSD	A43Q5MSD	BP020361.D	Fluorene-d10	40	35.35	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.61	82		10	130
			Anthracene-d10	40	35.44	89		10	150
			Pyrene-d10	40	31.01	78		10	130
			Benzo(a)pyrene-d12	40	36.17	90		10	140
P2371-23	A43Y7	BP020350.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.98	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.63	42		10	150
			2-Chlorophenol-d4	40	19.98	50		15	120
			4-Methylphenol-d8	40	17.28	43		10	140
			Nitrobenzene-d5	40	19.57	49		10	135
			2-Nitrophenol-d4	40	19.21	48		10	120
			2,4-Dichlorophenol-d3	40	21.30	53		10	140
			4-Chloroaniline-d4	40	14.12	35		1	145
			Dimethylphthalate-d6	40	23.66	59		10	145
			Acenaphthylene-d8	40	21.74	54		15	120
			4-Nitrophenol-d4	40	26.28	66		10	150
			Fluorene-d10	40	24.02	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.45	44		10	130
			Anthracene-d10	40	25.82	65		10	150
			Pyrene-d10	40	21.74	54		10	130
			Benzo(a)pyrene-d12	40	24.30	61		10	140
P2371-23DL	A43Y7DL	BP020351.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.05	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.64	42		10	150
			2-Chlorophenol-d4	40	19.80	49		15	120
			4-Methylphenol-d8	40	14.71	37		10	140
			Nitrobenzene-d5	40	17.35	43		10	135
			2-Nitrophenol-d4	40	16.75	42		10	120
			2,4-Dichlorophenol-d3	40	19.24	48		10	140
			4-Chloroaniline-d4	40	12.44	31		1	145
			Dimethylphthalate-d6	40	23.15	58		10	145
			Acenaphthylene-d8	40	21.13	53		15	120
			4-Nitrophenol-d4	40	18.01	45		10	150
			Fluorene-d10	40	23.99	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.40	31		10	130
			Anthracene-d10	40	25.27	63		10	150
			Pyrene-d10	40	22.72	57		10	130
			Benzo(a)pyrene-d12	40	23.46	59		10	140

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-23	A43Y3	BP020352.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.93	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.81	47		10	150
			2-Chlorophenol-d4	40	21.25	53		15	120
			4-Methylphenol-d8	40	18.62	47		10	140
			Nitrobenzene-d5	40	21.78	54		10	135
			2-Nitrophenol-d4	40	21.24	53		10	120
			2,4-Dichlorophenol-d3	40	23.58	59		10	140
			4-Chloroaniline-d4	40	14.13	35		1	145
			Dimethylphthalate-d6	40	28.91	72		10	145
			Acenaphthylene-d8	40	26.50	66		15	120
			4-Nitrophenol-d4	40	29.57	74		10	150
			Fluorene-d10	40	29.54	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.69	57		10	130
			Anthracene-d10	40	32.36	81		10	150
			Pyrene-d10	40	28.11	70		10	130
			Benzo(a)pyrene-d12	40	30.08	75		10	140
P2372-23DL	A43Y3DL	BP020353.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.65	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.02	40		10	150
			2-Chlorophenol-d4	40	19.60	49		15	120
			4-Methylphenol-d8	40	14.16	35		10	140
			Nitrobenzene-d5	40	17.95	45		10	135
			2-Nitrophenol-d4	40	15.94	40		10	120
			2,4-Dichlorophenol-d3	40	18.81	47		10	140
			4-Chloroaniline-d4	40	10.76	27		1	145
			Dimethylphthalate-d6	40	25.46	64		10	145
			Acenaphthylene-d8	40	24.08	60		15	120
			4-Nitrophenol-d4	40	19.74	49		10	150
			Fluorene-d10	40	27.79	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.97	35		10	130
			Anthracene-d10	40	28.89	72		10	150
			Pyrene-d10	40	26.66	67		10	130
			Benzo(a)pyrene-d12	40	27.85	70		10	140

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2369-11ME	A43N5ME	BP020354.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Pyridine-d5	40	20.89	52		20	120
			Phenol-d5	40	25.71	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.26	68		10	150
			2-Chlorophenol-d4	40	29.89	75		15	120
			4-Methylphenol-d8	40	26.16	65		10	140
			Nitrobenzene-d5	40	30.47	76		10	135
			2-Nitrophenol-d4	40	28.90	72		10	120
			2,4-Dichlorophenol-d3	40	28.17	70		10	140
			4-Chloroaniline-d4	40	26.21	66		1	145
			Dimethylphthalate-d6	40	29.86	75		10	145
			Acenaphthylene-d8	40	29.76	74		15	120
			4-Nitrophenol-d4	40	26.31	66		10	150
			Fluorene-d10	40	31.16	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.13	55		10	130
			Anthracene-d10	40	32.50	81		10	150
			Pyrene-d10	40	27.93	70		10	130
			Benzo(a)pyrene-d12	40	30.68	77		10	140
P2369-11MEDL	A43N5MEDL	BP020362.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.54	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.62	54		10	150
			2-Chlorophenol-d4	40	22.96	57		15	120
			4-Methylphenol-d8	40	21.98	55		10	140
			Nitrobenzene-d5	40	21.19	53		10	135
			2-Nitrophenol-d4	40	22.27	56		10	120
			2,4-Dichlorophenol-d3	40	21.91	55		10	140
			4-Chloroaniline-d4	40	23.07	58		1	145
			Dimethylphthalate-d6	40	25.05	63		10	145
			Acenaphthylene-d8	40	25.82	65		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	27.93	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	28.74	72		10	150
			Pyrene-d10	40	22.81	57		10	130
			Benzo(a)pyrene-d12	40	26.02	65		10	140
P2369-12ME	A43N6ME	BP020355.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	17.04	43		20	120
			Phenol-d5	40	20.13	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.00	60		10	150
			2-Chlorophenol-d4	40	23.56	59		15	120
			4-Methylphenol-d8	40	20.66	52		10	140
			Nitrobenzene-d5	40	22.18	55		10	135
			2-Nitrophenol-d4	40	22.48	56		10	120
			2,4-Dichlorophenol-d3	40	22.34	56		10	140
			4-Chloroaniline-d4	40	19.99	50		1	145
			Dimethylphthalate-d6	40	22.58	56		10	145
			Acenaphthylene-d8	40	23.18	58		15	120
			4-Nitrophenol-d4	40	19.86	50		10	150

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2369-12ME	A43N6ME	BP020355.D	Fluorene-d10	40	23.07	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.81	37		10	130
			Anthracene-d10	40	23.54	59		10	150
			Pyrene-d10	40	21.69	54		10	130
			Benzo(a)pyrene-d12	40	22.61	57		10	140
P2369-12MEDL	A43N6MEDL	BP020363.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	16.26	41		20	120
			Phenol-d5	40	19.20	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.35	53		10	150
			2-Chlorophenol-d4	40	21.91	55		15	120
			4-Methylphenol-d8	40	20.17	50		10	140
			Nitrobenzene-d5	40	20.39	51		10	135
			2-Nitrophenol-d4	40	20.57	51		10	120
			2,4-Dichlorophenol-d3	40	20.69	52		10	140
			4-Chloroaniline-d4	40	20.10	50		1	145
			Dimethylphthalate-d6	40	23.31	58		10	145
			Acenaphthylene-d8	40	22.38	56		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	24.75	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.79	64		10	150
			Pyrene-d10	40	22.67	57		10	130
			Benzo(a)pyrene-d12	40	23.19	58		10	140
P2369-13ME	A43N7ME	BP020356.D	1,4-Dioxane-d8	8	5.23	65		15	120
			Pyridine-d5	40	21.48	54		20	120
			Phenol-d5	40	24.11	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.37	76		10	150
			2-Chlorophenol-d4	40	28.60	71		15	120
			4-Methylphenol-d8	40	25.86	65		10	140
			Nitrobenzene-d5	40	29.59	74		10	135
			2-Nitrophenol-d4	40	27.77	69		10	120
			2,4-Dichlorophenol-d3	40	27.97	70		10	140
			4-Chloroaniline-d4	40	25.17	63		1	145
			Dimethylphthalate-d6	40	27.90	70		10	145
			Acenaphthylene-d8	40	28.26	71		15	120
			4-Nitrophenol-d4	40	24.82	62		10	150
			Fluorene-d10	40	28.67	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.87	45		10	130
			Anthracene-d10	40	30.00	75		10	150
			Pyrene-d10	40	26.61	67		10	130
			Benzo(a)pyrene-d12	40	28.52	71		10	140
P2369-13MEDL	A43N7MEDL	BP020364.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	13.99	35		20	120
			Phenol-d5	40	16.94	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.33	66		10	150
			2-Chlorophenol-d4	40	23.14	58		15	120
			4-Methylphenol-d8	40	22.03	55		10	140
			Nitrobenzene-d5	40	20.81	52		10	135
			2-Nitrophenol-d4	40	20.56	51		10	120

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2369-13MEDL	A43N7MEDL	BP020364.D	2,4-Dichlorophenol-d3	40	22.11	55		10	140
			4-Chloroaniline-d4	40	19.77	49		1	145
			Dimethylphthalate-d6	40	24.10	60		10	145
			Acenaphthylene-d8	40	24.15	60		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	25.98	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.56	64		10	150
			Pyrene-d10	40	22.43	56		10	130
			Benzo(a)pyrene-d12	40	24.55	61		10	140
PB160849BL	PB160849BL	BP020358.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	22.45	56		20	120
		BP020349.D	Pyridine-d5	40	22.23	56		20	120
			1,4-Dioxane-d8	8	4.69	59		15	120
		BP020358.D	Phenol-d5	40	22.54	56		10	130
			Phenol-d5	40	20.65	52		10	130
		BP020349.D	Bis(2-Chloroethyl)ether-d8	40	21.62	54		10	150
			Bis(2-Chloroethyl)ether-d8	40	22.14	55		10	150
		BP020358.D	2-Chlorophenol-d4	40	25.30	63		15	120
			2-Chlorophenol-d4	40	25.30	63		15	120
		BP020349.D	4-Methylphenol-d8	40	21.42	54		10	140
			4-Methylphenol-d8	40	22.21	56		10	140
		BP020358.D	Nitrobenzene-d5	40	24.51	61		10	135
			Nitrobenzene-d5	40	24.55	61		10	135
		BP020349.D	2-Nitrophenol-d4	40	24.66	62		10	120
			2-Nitrophenol-d4	40	25.32	63		10	120
		BP020358.D	2,4-Dichlorophenol-d3	40	23.57	59		10	140
			2,4-Dichlorophenol-d3	40	23.35	58		10	140
		BP020349.D	4-Chloroaniline-d4	40	22.87	57		1	145
			4-Chloroaniline-d4	40	23.45	59		1	145
		BP020358.D	Dimethylphthalate-d6	40	27.61	69		10	145
			Dimethylphthalate-d6	40	27.45	69		10	145
		BP020349.D	Acenaphthylene-d8	40	25.69	64		15	120
			Acenaphthylene-d8	40	25.74	64		15	120
		BP020358.D	4-Nitrophenol-d4	40	25.13	63		10	150
			4-Nitrophenol-d4	40	23.39	58		10	150
		BP020349.D	Fluorene-d10	40	27.42	69		20	140
			Fluorene-d10	40	27.26	68		20	140
		BP020358.D	4,6-Dinitro-2-methylphenol-d2	40	20.10	50		10	130
			4,6-Dinitro-2-methylphenol-d2	40	16.96	42		10	130
		BP020349.D	Anthracene-d10	40	29.36	73		10	150
			Anthracene-d10	40	29.57	74		10	150
		BP020358.D	Pyrene-d10	40	26.12	65		10	130
			Pyrene-d10	40	23.53	59		10	130
		BP020349.D	Benzo(a)pyrene-d12	40	28.94	72		10	140
			Benzo(a)pyrene-d12	40	28.62	72		10	140
PB160849BS	PB160849BS	BP020365.D	1,4-Dioxane-d8	8	5.80	72		15	120
			Pyridine-d5	40	26.53	66		20	120
			Phenol-d5	40	28.73	72		10	130



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

Surrogate Summary

SW-846

SDG No.: BP051324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160849BS	PB160849BS	BP020365.D	Bis(2-Chloroethyl)ether-d8	40	27.85	70		10	150
			2-Chlorophenol-d4	40	31.21	78		15	120
			4-Methylphenol-d8	40	28.73	72		10	140
			Nitrobenzene-d5	40	30.56	76		10	135
			2-Nitrophenol-d4	40	31.03	78		10	120
			2,4-Dichlorophenol-d3	40	30.83	77		10	140
			4-Chloroaniline-d4	40	28.09	70		1	145
			Dimethylphthalate-d6	40	30.77	77		10	145
			Acenaphthylene-d8	40	29.91	75		15	120
			4-Nitrophenol-d4	40	26.30	66		10	150
			Fluorene-d10	40	30.86	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.78	74		10	130
			Anthracene-d10	40	31.54	79		10	150
			Pyrene-d10	40	27.69	69		10	130
			Benzo(a)pyrene-d12	40	30.91	77		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051324

Lab Code: CHEM

SAS No.: BP051324

SDG NO.: BP051324

Lab File ID: BP020347.D

DFTPP Injection Date: 05/13/2024

Instrument ID: BNA_P

DFTPP Injection Time: 06:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.5
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	6.6
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	77.1
443	15.0 - 24.0% of mass 442	14.8 (19.2) 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
SSTD020796	SSTDCCC020	BP020348.D	05/13/2024	08:23
SBLK849	PB160849BL	BP020349.D	05/13/2024	09:07
A43Y7	P2371-23	BP020350.D	05/13/2024	09:56
A43Y7DL	P2371-23DL	BP020351.D	05/13/2024	10:38
A43Y3	P2372-23	BP020352.D	05/13/2024	11:22
A43Y3DL	P2372-23DL	BP020353.D	05/13/2024	12:47
A43N5ME	P2369-11ME	BP020354.D	05/13/2024	14:13
A43N6ME	P2369-12ME	BP020355.D	05/13/2024	15:40
A43N7ME	P2369-13ME	BP020356.D	05/13/2024	16:24
SSTD020797	SSTDCCC020	BP020357.D	05/13/2024	17:08
SBLK849	PB160849BL	BP020358.D	05/13/2024	17:52
A43Q5	P2371-01	BP020359.D	05/13/2024	18:35
A43Q5MS	P2371-02MS	BP020360.D	05/13/2024	19:19
A43Q5MSD	P2371-03MSD	BP020361.D	05/13/2024	20:03
A43N5MEDL	P2369-11MEDL	BP020362.D	05/13/2024	20:47
A43N6MEDL	P2369-12MEDL	BP020363.D	05/13/2024	21:30
A43N7MEDL	P2369-13MEDL	BP020364.D	05/13/2024	22:13
SLCS849	PB160849BS	BP020365.D	05/13/2024	22:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051324

Lab Code: CHEM

SAS No.: BP051324

SDG NO.: BP051324

Lab File ID: BP020347.D

DFTPP Injection Date: 05/13/2024

Instrument ID: BNA_P

DFTPP Injection Time: 06:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.5
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	6.6
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	77.1
443	15.0 - 24.0% of mass 442	14.8 (19.2) 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
SSTD020798	SSTDCCC020EC	BP020366.D	05/14/2024	00:24