

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1:13:42

Lab File ID: BP021016.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020692 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.444	0.010	-8.2389	40.0
Benzaldehyde	0.822	0.878	0.010	6.7983	40.0
Pyridine	1.312	1.165	0.010	-11.2081	40.0
Phenol	1.650	1.418	0.080	-14.0736	20.0
Bis(2-Chloroethyl) ether	1.363	1.173	0.100	-13.9612	20.0
2-Chlorophenol	1.346	1.193	0.200	-11.3813	20.0
2-Methylphenol	1.276	1.117	0.010	-12.4319	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.753	0.010	-10.9762	40.0
Acetophenone	2.090	1.900	0.060	-9.0985	20.0
4-Methylphenol	1.367	1.187	0.010	-13.1923	20.0
N-Nitroso-di-n-propylamine	1.095	0.967	0.050	-11.7307	30.0
Hexachloroethane	0.605	0.512	0.100	-15.4284	20.0
Nitrobenzene	0.372	0.338	0.050	-9.0827	25.0
Isophorone	0.740	0.653	0.050	-11.6719	25.0
2-Nitrophenol	0.185	0.160	0.050	-13.4559	25.0
2,4-Dimethylphenol	0.366	0.332	0.050	-9.2885	25.0
Bis(2-Chloroethoxy) methane	0.450	0.395	0.050	-12.1268	20.0
2,4-Dichlorophenol	0.317	0.281	0.060	-11.3012	20.0
Naphthalene	1.052	0.950	0.200	-9.7304	20.0
4-Chloroaniline	0.407	0.379	0.010	-6.7924	40.0
Hexachlorobutadiene	0.238	0.205	0.040	-13.904	30.0
Caprolactam	0.098	0.095	0.010	-2.7533	40.0
4-Chloro-3-methylphenol	0.344	0.318	0.040	-7.6918	25.0
1-Methylnaphthalene	0.743	0.680	0.100	-8.4838	20.0
2-Methylnaphthalene	0.722	0.646	0.100	-10.5603	20.0
Hexachlorocyclopentadiene	0.340	0.235	0.010	-30.8139	40.0
2,4,6-Trichlorophenol	0.410	0.358	0.090	-12.8877	25.0
2,4,5-Trichlorophenol	0.434	0.373	0.100	-14.1425	25.0
1,1-Biphenyl	1.462	1.302	0.200	-10.9219	20.0
2-Chloronaphthalene	1.167	1.049	0.300	-10.1218	20.0
2-Nitroaniline	0.323	0.302	0.050	-6.3335	40.0
Dimethylphthalate	1.475	1.386	0.300	-6.0777	20.0
2,6-Dinitrotoluene	0.295	0.278	0.080	-5.8465	30.0
Acenaphthylene	1.848	1.698	0.400	-8.1548	20.0
3-Nitroaniline	0.257	0.255	0.010	-0.5162	40.0
Acenaphthene	1.227	1.132	0.200	-7.745	20.0
2,4-Dinitrophenol	0.155	0.125	0.010	-19.106	40.0
4-Nitrophenol	0.168	0.161	0.010	-4.1441	40.0
Dibenzofuran	1.680	1.559	0.300	-7.1728	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1:13:42

Lab File ID: BP021016.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020692 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.417	0.070	2.9146	30.0
Diethylphthalate	1.474	1.431	0.300	-2.9283	20.0
Fluorene	1.371	1.327	0.200	-3.1695	20.0
4-Chlorophenyl-phenylether	0.744	0.697	0.100	-6.2442	20.0
4-Nitroaniline	0.213	0.256	0.010	20.6025	40.0
4,6-Dinitro-2-methylphenol	0.128	0.111	0.010	-13.5196	40.0
N-Nitrosodiphenylamine	0.582	0.492	0.050	-15.4684	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.566	0.100	-12.9235	20.0
4-Bromophenyl-phenylether	0.234	0.192	0.070	-18.0948	20.0
Hexachlorobenzene	0.269	0.230	0.050	-14.3366	25.0
Atrazine	0.212	0.204	0.010	-3.965	25.0
Pentachlorophenol	0.146	0.121	0.010	-17.1667	40.0
Phenanthrene	1.038	0.963	0.200	-7.175	20.0
Pentachlorobenzene	0.318	0.255	0.050	-19.8366	20.0
Anthracene	1.058	0.988	0.200	-6.5873	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.244	0.050	-23.8491	20.0
Carbazole	0.865	0.862	0.050	-0.2964	40.0
Di-n-butylphthalate	1.193	1.159	0.500	-2.8771	25.0
Fluoranthene	1.493	1.156	0.400	-22.5827	25.0
Pyrene	1.520	1.225	0.400	-19.3602	25.0
Butylbenzylphthalate	0.633	0.533	0.100	-15.7385	40.0
3,3-Dichlorobenzidine	0.457	0.431	0.010	-5.7814	40.0
Benzo (a) anthracene	1.401	1.255	0.300	-10.4235	30.0
Chrysene	1.302	1.187	0.200	-8.8566	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.790	0.200	-13.2931	40.0
Di-n-octyl phthalate	1.321	1.222	0.010	-7.5292	40.0
Benzo (b) fluoranthene	1.214	1.111	0.200	-8.4406	25.0
Benzo (k) fluoranthene	1.211	1.099	0.200	-9.2599	25.0
Benzo (a) pyrene	1.147	1.029	0.200	-10.3073	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.253	0.200	-15.2088	25.0
Dibenzo (a,h) anthracene	1.224	1.041	0.200	-14.9804	30.0
Benzo (g,h,i) perylene	1.204	1.006	0.200	-16.4318	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.353	0.040	-4.9711	20.0
1,4-Dioxane-d8	0.440	0.401	0.010	-8.7265	25.0
Pyridine-d5	1.272	1.142	0.010	-10.2859	40.0
Phenol-d5	1.631	1.388	0.010	-14.893	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.876	0.050	-11.3038	25.0
2-Chlorophenol-d4	1.343	1.180	0.200	-12.1618	20.0
4-Methylphenol-d8	1.354	1.170	0.010	-13.6361	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724
 Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1:13:42
 Lab File ID: BP021016.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020692 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.138	0.050	-11.4365	20.0
2-Nitrophenol-d4	0.178	0.152	0.050	-14.539	30.0
2,4-Dichlorophenol-d3	0.322	0.287	0.060	-10.6573	20.0
4-Chloroaniline-d4	0.426	0.406	0.010	-4.7083	40.0
Dimethylphthalate-d6	1.454	1.373	0.300	-5.5386	20.0
Acenaphthylene-d8	1.633	1.512	0.400	-7.3653	20.0
4-Nitrophenol-d4	0.207	0.187	0.010	-9.6724	40.0
Fluorene-d10	1.193	1.162	0.100	-2.5801	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.102	0.010	-15.3187	40.0
Anthracene-d10	0.888	0.834	0.300	-6.0691	20.0
Pyrene-d10	1.236	1.004	0.300	-18.8331	25.0
Benzo(a)pyrene-d12	0.986	0.900	0.010	-8.7566	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1: 23:15

Lab File ID: BP021028.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020693 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.467	0.010	-3.3957	40.0
Benzaldehyde	0.822	0.936	0.010	13.9128	40.0
Pyridine	1.312	1.297	0.010	-1.1943	40.0
Phenol	1.650	1.559	0.080	-5.491	20.0
Bis(2-Chloroethyl)ether	1.363	1.238	0.100	-9.1718	20.0
2-Chlorophenol	1.346	1.273	0.200	-5.4568	20.0
2-Methylphenol	1.276	1.188	0.010	-6.9013	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.808	0.010	-8.1646	40.0
Acetophenone	2.090	1.923	0.060	-8.0054	20.0
4-Methylphenol	1.367	1.276	0.010	-6.6678	20.0
N-Nitroso-di-n-propylamine	1.095	0.977	0.050	-10.8205	30.0
Hexachloroethane	0.605	0.535	0.100	-11.554	20.0
Nitrobenzene	0.372	0.353	0.050	-5.227	25.0
Isophorone	0.740	0.677	0.050	-8.4209	25.0
2-Nitrophenol	0.185	0.174	0.050	-6.0643	25.0
2,4-Dimethylphenol	0.366	0.346	0.050	-5.3512	25.0
Bis(2-Chloroethoxy)methane	0.450	0.409	0.050	-9.1441	20.0
2,4-Dichlorophenol	0.317	0.301	0.060	-5.0488	20.0
Naphthalene	1.052	1.001	0.200	-4.8844	20.0
4-Chloroaniline	0.407	0.393	0.010	-3.3161	40.0
Hexachlorobutadiene	0.238	0.213	0.040	-10.4345	30.0
Caprolactam	0.098	0.100	0.010	2.7364	40.0
4-Chloro-3-methylphenol	0.344	0.333	0.040	-3.1739	25.0
1-Methylnaphthalene	0.743	0.707	0.100	-4.8455	20.0
2-Methylnaphthalene	0.722	0.667	0.100	-7.665	20.0
Hexachlorocyclopentadiene	0.340	0.268	0.010	-21.0098	40.0
2,4,6-Trichlorophenol	0.410	0.393	0.090	-4.3579	25.0
2,4,5-Trichlorophenol	0.434	0.409	0.100	-5.8266	25.0
1,1-Biphenyl	1.462	1.371	0.200	-6.2073	20.0
2-Chloronaphthalene	1.167	1.129	0.300	-3.2797	20.0
2-Nitroaniline	0.323	0.329	0.050	1.8233	40.0
Dimethylphthalate	1.475	1.422	0.300	-3.5739	20.0
2,6-Dinitrotoluene	0.295	0.288	0.080	-2.449	30.0
Acenaphthylene	1.848	1.772	0.400	-4.1284	20.0
3-Nitroaniline	0.257	0.292	0.010	13.8187	40.0
Acenaphthene	1.227	1.195	0.200	-2.5885	20.0
2,4-Dinitrophenol	0.155	0.123	0.010	-20.8057	40.0
4-Nitrophenol	0.168	0.164	0.010	-2.3565	40.0
Dibenzofuran	1.680	1.662	0.300	-1.0886	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1: 23:15

Lab File ID: BP021028.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020693 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.430	0.070	6.2697	30.0
Diethylphthalate	1.474	1.420	0.300	-3.711	20.0
Fluorene	1.371	1.368	0.200	-0.2141	20.0
4-Chlorophenyl-phenylether	0.744	0.710	0.100	-4.5139	20.0
4-Nitroaniline	0.213	0.292	0.010	37.3471	40.0
4,6-Dinitro-2-methylphenol	0.128	0.111	0.010	-13.2575	40.0
N-Nitrosodiphenylamine	0.582	0.514	0.050	-11.8059	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.611	0.100	-5.9979	20.0
4-Bromophenyl-phenylether	0.234	0.199	0.070	-15.1416	20.0
Hexachlorobenzene	0.269	0.241	0.050	-10.4613	25.0
Atrazine	0.212	0.199	0.010	-6.2188	25.0
Pentachlorophenol	0.146	0.132	0.010	-9.8132	40.0
Phenanthrene	1.038	1.003	0.200	-3.327	20.0
Pentachlorobenzene	0.318	0.267	0.050	-16.1753	20.0
Anthracene	1.058	1.005	0.200	-4.9786	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.262	0.050	-18.2423	20.0
Carbazole	0.865	0.930	0.050	7.5566	40.0
Di-n-butylphthalate	1.193	1.090	0.500	-8.6141	25.0
Fluoranthene	1.493	1.186	0.400	-20.5697	25.0
Pyrene	1.520	1.246	0.400	-18.028	25.0
Butylbenzylphthalate	0.633	0.517	0.100	-18.3478	40.0
3,3-Dichlorobenzidine	0.457	0.416	0.010	-9.0168	40.0
Benzo (a) anthracene	1.401	1.326	0.300	-5.3556	30.0
Chrysene	1.302	1.214	0.200	-6.7225	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.739	0.200	-18.8741	40.0
Di-n-octyl phthalate	1.321	1.127	0.010	-14.6751	40.0
Benzo (b) fluoranthene	1.214	1.120	0.200	-7.704	25.0
Benzo (k) fluoranthene	1.211	1.143	0.200	-5.6407	25.0
Benzo (a) pyrene	1.147	1.077	0.200	-6.1264	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.344	0.200	-9.0638	25.0
Dibenzo (a,h) anthracene	1.224	1.114	0.200	-8.975	30.0
Benzo (g,h,i) perylene	1.204	1.095	0.200	-9.003	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.368	0.040	-1.0768	20.0
1,4-Dioxane-d8	0.440	0.443	0.010	0.8298	25.0
Pyridine-d5	1.272	1.261	0.010	-0.9329	40.0
Phenol-d5	1.631	1.543	0.010	-5.3813	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.897	0.050	-9.255	25.0
2-Chlorophenol-d4	1.343	1.268	0.200	-5.6242	20.0
4-Methylphenol-d8	1.354	1.239	0.010	-8.4966	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724
 Instrument ID: BNA_P Calibration Date/Time: 7/17/2024 1: 23:15
 Lab File ID: BP021028.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020693 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.146	0.050	-5.9046	20.0
2-Nitrophenol-d4	0.178	0.164	0.050	-7.7474	30.0
2,4-Dichlorophenol-d3	0.322	0.309	0.060	-3.9975	20.0
4-Chloroaniline-d4	0.426	0.418	0.010	-1.8811	40.0
Dimethylphthalate-d6	1.454	1.401	0.300	-3.624	20.0
Acenaphthylene-d8	1.633	1.588	0.400	-2.7413	20.0
4-Nitrophenol-d4	0.207	0.205	0.010	-1.1211	40.0
Fluorene-d10	1.193	1.208	0.100	1.2481	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.103	0.010	-14.6861	40.0
Anthracene-d10	0.888	0.873	0.300	-1.6992	20.0
Pyrene-d10	1.236	1.014	0.300	-17.9962	25.0
Benzo(a)pyrene-d12	0.986	0.937	0.010	-5.0555	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.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:09:20

Lab File ID: BP021042.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020694 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.391	0.010	-19.2107	50.0
Benzaldehyde	0.822	0.928	0.010	12.883	50.0
Pyridine	1.312	1.150	0.010	-12.3993	50.0
Phenol	1.650	1.579	0.080	-4.2775	50.0
Bis(2-Chloroethyl)ether	1.363	1.226	0.100	-10.0681	50.0
2-Chlorophenol	1.346	1.289	0.200	-4.2987	50.0
2-Methylphenol	1.276	1.242	0.010	-2.6446	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.783	0.010	-9.4803	50.0
Acetophenone	2.090	2.008	0.060	-3.919	50.0
4-Methylphenol	1.367	1.328	0.010	-2.8314	50.0
N-Nitroso-di-n-propylamine	1.095	1.006	0.050	-8.105	50.0
Hexachloroethane	0.605	0.516	0.100	-14.6452	50.0
Nitrobenzene	0.372	0.347	0.050	-6.8561	50.0
Isophorone	0.740	0.672	0.050	-9.1783	50.0
2-Nitrophenol	0.185	0.180	0.050	-2.8186	50.0
2,4-Dimethylphenol	0.366	0.347	0.050	-5.0679	50.0
Bis(2-Chloroethoxy)methane	0.450	0.399	0.050	-11.2783	50.0
2,4-Dichlorophenol	0.317	0.308	0.060	-2.8766	50.0
Naphthalene	1.052	0.999	0.200	-5.0838	50.0
4-Chloroaniline	0.407	0.394	0.010	-3.1433	50.0
Hexachlorobutadiene	0.238	0.224	0.040	-5.8596	50.0
Caprolactam	0.098	0.097	0.010	-0.9191	50.0
4-Chloro-3-methylphenol	0.344	0.338	0.040	-1.9713	50.0
1-Methylnaphthalene	0.743	0.717	0.100	-3.4854	50.0
2-Methylnaphthalene	0.722	0.695	0.100	-3.7449	50.0
Hexachlorocyclopentadiene	0.340	0.139	0.010	-59.2059	50.0
2,4,6-Trichlorophenol	0.410	0.400	0.090	-2.4573	50.0
2,4,5-Trichlorophenol	0.434	0.423	0.100	-2.5386	50.0
1,1-Biphenyl	1.462	1.369	0.200	-6.3179	50.0
2-Chloronaphthalene	1.167	1.114	0.300	-4.5022	50.0
2-Nitroaniline	0.323	0.316	0.050	-1.9913	50.0
Dimethylphthalate	1.475	1.382	0.300	-6.286	50.0
2,6-Dinitrotoluene	0.295	0.294	0.080	-0.3621	50.0
Acenaphthylene	1.848	1.767	0.400	-4.3901	50.0
3-Nitroaniline	0.257	0.293	0.010	14.0302	50.0
Acenaphthene	1.227	1.170	0.200	-4.6578	50.0
2,4-Dinitrophenol	0.155	0.070	0.010	-54.5108	50.0
4-Nitrophenol	0.168	0.170	0.010	1.1424	50.0
Dibenzofuran	1.680	1.610	0.300	-4.1591	50.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:09:20

Lab File ID: BP021042.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020694 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.422	0.070	4.2599	50.0
Diethylphthalate	1.474	1.395	0.300	-5.412	50.0
Fluorene	1.371	1.334	0.200	-2.7189	50.0
4-Chlorophenyl-phenylether	0.744	0.699	0.100	-6.0807	50.0
4-Nitroaniline	0.213	0.293	0.010	37.6901	50.0
4,6-Dinitro-2-methylphenol	0.128	0.079	0.010	-38.5568	50.0
N-Nitrosodiphenylamine	0.582	0.531	0.050	-8.8062	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.621	0.100	-4.3778	50.0
4-Bromophenyl-phenylether	0.234	0.221	0.070	-5.5318	50.0
Hexachlorobenzene	0.269	0.257	0.050	-4.5278	50.0
Atrazine	0.212	0.215	0.010	1.3337	50.0
Pentachlorophenol	0.146	0.106	0.010	-27.1372	50.0
Phenanthrene	1.038	0.990	0.200	-4.5737	50.0
Pentachlorobenzene	0.318	0.295	0.050	-7.2579	50.0
Anthracene	1.058	1.000	0.200	-5.4262	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.292	0.050	-8.6957	50.0
Carbazole	0.865	0.894	0.050	3.3774	50.0
Di-n-butylphthalate	1.193	1.156	0.500	-3.1218	50.0
Fluoranthene	1.493	1.297	0.400	-13.1401	50.0
Pyrene	1.520	1.302	0.400	-14.3089	50.0
Butylbenzylphthalate	0.633	0.558	0.100	-11.9094	50.0
3,3-Dichlorobenzidine	0.457	0.414	0.010	-9.4591	50.0
Benzo (a) anthracene	1.401	1.309	0.300	-6.5365	50.0
Chrysene	1.302	1.222	0.200	-6.0978	50.0
Bis (2-ethylhexyl) phthalate	0.911	0.822	0.200	-9.7329	50.0
Di-n-octyl phthalate	1.321	1.193	0.010	-9.6813	50.0
Benzo (b) fluoranthene	1.214	1.107	0.200	-8.8249	50.0
Benzo (k) fluoranthene	1.211	1.125	0.200	-7.1056	50.0
Benzo (a) pyrene	1.147	1.071	0.200	-6.6573	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.365	0.200	-7.6348	50.0
Dibenzo (a,h) anthracene	1.224	1.144	0.200	-6.4858	50.0
Benzo (g,h,i) perylene	1.204	1.081	0.200	-10.1997	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.347	0.040	-6.6837	50.0
1,4-Dioxane-d8	0.440	0.360	0.010	-18.0583	50.0
Pyridine-d5	1.272	1.111	0.010	-12.6514	50.0
Phenol-d5	1.631	1.560	0.010	-4.3515	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.896	0.050	-9.2994	50.0
2-Chlorophenol-d4	1.343	1.299	0.200	-3.3438	50.0
4-Methylphenol-d8	1.354	1.311	0.010	-3.2061	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG No.: BP071724

Instrument ID: BNA_P Calibration Date/Time: 7/18/2024 1:09:20

Lab File ID: BP021042.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020694 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.151	0.050	-2.8905	50.0
2-Nitrophenol-d4	0.178	0.175	0.050	-1.3871	50.0
2,4-Dichlorophenol-d3	0.322	0.316	0.060	-1.633	50.0
4-Chloroaniline-d4	0.426	0.412	0.010	-3.274	50.0
Dimethylphthalate-d6	1.454	1.370	0.300	-5.743	50.0
Acenaphthylene-d8	1.633	1.594	0.400	-2.3857	50.0
4-Nitrophenol-d4	0.207	0.248	0.010	19.6787	50.0
Fluorene-d10	1.193	1.170	0.100	-1.8934	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.073	0.010	-39.4082	50.0
Anthracene-d10	0.888	0.874	0.300	-1.559	50.0
Pyrene-d10	1.236	1.066	0.300	-13.7545	50.0
Benzo(a)pyrene-d12	0.986	0.939	0.010	-4.7958	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021017.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

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

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021017.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

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

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021017.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.07		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	26.678		20-120		67	SPK: -40
4165-62-2	Phenol-d5	26.626		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.428		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.065		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.809		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.214		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.005		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.97		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.273		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.407		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.612		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.407		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.297		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021017.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.926		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	32.146		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	27.043		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.567		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154216	7.693				
1146-65-2	Naphthalene-d8	621240	10.452				
15067-26-2	Acenaphthene-d10	421833	14.31				
1517-22-2	Phenanthrene-d10	925607	17.128				
1719-03-5	Chrysene-d12	967216	21.569				
1520-96-3	Perylene-d12	1091286	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	HD-01-07152024	SDG No.:	BP071724
Lab Sample ID:	P3255-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
Sample Wt/Vol:	50 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021018.D	1	7/16/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1	U	7.1	8.5	43	ug/Kg
100-52-7	Benzaldehyde	29	U	29	110	210	ug/Kg
110-86-1	Pyridine	21	U	21	210	210	ug/Kg
108-95-2	Phenol	28	U	28	110	210	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	26	U	26	110	210	ug/Kg
95-57-8	2-Chlorophenol	15	U	15	54.6	110	ug/Kg
95-48-7	2-Methylphenol	25	U	25	110	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	110	210	ug/Kg
98-86-2	Acetophenone	26	U	26	110	210	ug/Kg
106-44-5	4-Methylphenol	24	U	24	110	210	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	54.6	110	ug/Kg
67-72-1	Hexachloroethane	12	U	12	54.6	110	ug/Kg
98-95-3	Nitrobenzene	20	U	20	54.6	110	ug/Kg
78-59-1	Isophorone	31	U	31	54.6	110	ug/Kg
88-75-5	2-Nitrophenol	20	U	20	54.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	16	U	16	54.6	110	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	28	U	28	54.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	10	U	10	54.6	110	ug/Kg
91-20-3	Naphthalene	16	U	16	54.6	110	ug/Kg
106-47-8	4-Chloroaniline	15	U	15	54.6	210	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	54.6	110	ug/Kg
105-60-2	Caprolactam	46	U	46	110	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	54.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	22	J	21	54.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	15	U	15	54.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	61	U	61	110	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	25	U	25	54.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	HD-01-07152024	SDG No.:	BP071724
Lab Sample ID:	P3255-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
Sample Wt/Vol:	50 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021018.D	1	7/16/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	15	U	15	54.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	17	U	17	54.6	110	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	54.6	110	ug/Kg
131-11-3	Dimethylphthalate	19	U	19	54.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	54.6	110	ug/Kg
208-96-8	Acenaphthylene	28	J	21	54.6	110	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	110	210	ug/Kg
83-32-9	Acenaphthene	60	J	19	54.6	110	ug/Kg
51-28-5	2,4-Dinitrophenol	31	U	31	110	210	ug/Kg
100-02-7	4-Nitrophenol	28	U	28	110	210	ug/Kg
132-64-9	Dibenzofuran	27	J	21	54.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	54.6	110	ug/Kg
84-66-2	Diethylphthalate	19	U	19	54.6	110	ug/Kg
86-73-7	Fluorene	60	J	16	54.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	13	U	13	54.6	110	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	110	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	210	ug/Kg
86-30-6	N-Nitrosodiphenylamine	21	U	21	54.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15	U	15	54.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	19	U	19	54.6	110	ug/Kg
118-74-1	Hexachlorobenzene	21	U	21	54.6	110	ug/Kg
1912-24-9	Atrazine	46	U	46	110	210	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	110	210	ug/Kg
85-01-8	Phenanthrene	610		19	54.6	110	ug/Kg
608-93-5	Pentachlorobenzene	33	U	33	54.6	110	ug/Kg
120-12-7	Anthracene	130		16	54.6	110	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32	U	32	54.6	110	ug/Kg
86-74-8	Carbazole	65	J	18	110	210	ug/Kg
84-74-2	Di-n-butylphthalate	39	U	39	54.6	110	ug/Kg
206-44-0	Fluoranthene	810		35	110	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	HD-01-07152024	SDG No.:	BP071724
Lab Sample ID:	P3255-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
Sample Wt/Vol:	50 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021018.D	1	7/16/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	700		31	54.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	54.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	110	210	ug/Kg
56-55-3	Benzo(a)anthracene	370		17	54.6	110	ug/Kg
218-01-9	Chrysene	420		20	54.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	54.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	110	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		21	54.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	160		24	54.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	350		21	54.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		20	54.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	J	18	54.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		17	54.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	21	U	21	54.6	110	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	94.237	*	10-130		236	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.064		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.528		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.985		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	71.312	*	10-135		178	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.233		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.535		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.634		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.038		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.183		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.209		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	16.714		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	HD-01-07152024	SDG No.:	BP071724
Lab Sample ID:	P3255-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
Sample Wt/Vol:	50 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021018.D	1	7/16/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.017		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	16.641		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	15.561		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.682		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190305	7.681				
1146-65-2	Naphthalene-d8	795259	10.446				
15067-26-2	Acenaphthene-d10	516770	14.316				
1517-22-2	Phenanthrene-d10	1066625	17.116				
1719-03-5	Chrysene-d12	937545	21.569				
1520-96-3	Perylene-d12	1107011	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	47	J			3.523	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	86	A			4.875	
000321-60-8	1,1-Biphenyl, 2-fluoro-	1100	J			12.91	
000581-40-8	Naphthalene, 2,3-dimethyl-	45	J			13.622	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.016	
000057-10-3	n-Hexadecanoic acid	380	J			18.051	
000610-48-0	Anthracene, 1-methyl-	46	J			18.163	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.228	
000613-12-7	Anthracene, 2-methyl-	81	J			18.263	
000612-94-2	Naphthalene, 2-phenyl-	75	J			18.545	
000084-65-1	9,10-Anthracenedione	110	J			18.604	
000483-87-4	Phenanthrene, 1,7-dimethyl-	100	J			18.981	
005737-13-3	Cyclopenta(def)phenanthrenone	95	J			19.128	
000057-11-4	Octadecanoic acid	55	J			19.386	
037802-95-2	Anthracen-1(2H)-one, 3,4-dihydro-8	590	J			19.857	
000238-84-6	11H-Benzo[a]fluorene	55	J			19.975	
000243-17-4	11H-Benzo[b]fluorene	81	J			20.157	

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	HD-01-07152024	SDG No.:	BP071724
Lab Sample ID:	P3255-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
Sample Wt/Vol:	50 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021018.D	1	7/16/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002381-21-7	Pyrene, 1-methyl-	58	J			20.316	
E966796	Total Alkanes	15	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS9	SDG No.:	BP071724
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021019.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162047

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.2	100	ug/Kg
100-52-7	Benzaldehyde	69	U	69	130	510	ug/Kg
110-86-1	Pyridine	51	U	51	250	510	ug/Kg
108-95-2	Phenol	66	U	66	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	130	510	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	65.5	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	130	510	ug/Kg
98-86-2	Acetophenone	62	U	62	130	510	ug/Kg
106-44-5	4-Methylphenol	57	U	57	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	65.5	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	65.5	260	ug/Kg
98-95-3	Nitrobenzene	48	U	48	65.5	260	ug/Kg
78-59-1	Isophorone	74	U	74	65.5	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	65.5	260	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	65.5	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	65.5	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	65.5	260	ug/Kg
91-20-3	Naphthalene	39	U	39	65.5	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	65.5	510	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	65.5	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	65.5	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	65.5	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	65.5	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	65.5	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	65.5	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS9	SDG No.:	BP071724
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021019.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162047

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	65.5	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	65.5	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	65.5	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	65.5	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	68	U	68	65.5	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	65.5	260	ug/Kg
99-09-2	3-Nitroaniline	68	U	68	130	510	ug/Kg
83-32-9	Acenaphthene	45	U	45	65.5	260	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	49	U	49	65.5	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	65.5	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	65.5	260	ug/Kg
86-73-7	Fluorene	39	U	39	65.5	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.5	260	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	65.5	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	65.5	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	65.5	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	65.5	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	510	ug/Kg
85-01-8	Phenanthrene	45	U	45	65.5	260	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	65.5	260	ug/Kg
120-12-7	Anthracene	39	U	39	65.5	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	65.5	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	65.5	260	ug/Kg
206-44-0	Fluoranthene	83	U	83	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS9	SDG No.:	BP071724
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021019.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162047

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	U	76	65.5	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	65.5	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	65.5	260	ug/Kg
218-01-9	Chrysene	48	U	48	65.5	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	65.5	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	65.5	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	65.5	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	65.5	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	65.5	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	65.5	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	65.5	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	65.5	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.228		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	15.262		20-120		38	SPK: -40
4165-62-2	Phenol-d5	20.078		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.362		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.722		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.752		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	20.472		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.735		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.622		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.983		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.995		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.028		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.296		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	24.733		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS9	SDG No.:	BP071724
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021019.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162047

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.044		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.919		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.437		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.098		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168742	7.687				
1146-65-2	Naphthalene-d8	712082	10.439				
15067-26-2	Acenaphthene-d10	498514	14.304				
1517-22-2	Phenanthrene-d10	1127340	17.116				
1719-03-5	Chrysene-d12	1136003	21.562				
1520-96-3	Perylene-d12	1267459	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.192	
000057-10-3	n-Hexadecanoic acid	240	J			18.051	
077899-03-7	1-Heneicosyl formate	250	J			21.221	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D24	SDG No.:	BP071724
Lab Sample ID:	P3215-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021020.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.6	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	880	ug/Kg
110-86-1	Pyridine	88	U	88	440	880	ug/Kg
108-95-2	Phenol	110	U	110	220	880	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	220	880	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	880	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	880	ug/Kg
98-86-2	Acetophenone	110	U	110	220	880	ug/Kg
106-44-5	4-Methylphenol	99	U	99	220	880	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	110	450	ug/Kg
67-72-1	Hexachloroethane	48	U	48	110	450	ug/Kg
98-95-3	Nitrobenzene	83	U	83	110	450	ug/Kg
78-59-1	Isophorone	130	U	130	110	450	ug/Kg
88-75-5	2-Nitrophenol	83	U	83	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	67	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	110	450	ug/Kg
91-20-3	Naphthalene	67	U	67	110	450	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	110	880	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	110	450	ug/Kg
105-60-2	Caprolactam	190	U	190	220	880	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	88	U	88	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	220	880	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D24	SDG No.:	BP071724
Lab Sample ID:	P3215-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021020.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	110	450	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	450	ug/Kg
131-11-3	Dimethylphthalate	78	U	78	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	110	450	ug/Kg
208-96-8	Acenaphthylene	86	U	86	110	450	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	220	880	ug/Kg
83-32-9	Acenaphthene	78	U	78	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	220	880	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	220	880	ug/Kg
132-64-9	Dibenzofuran	86	U	86	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	450	ug/Kg
84-66-2	Diethylphthalate	80	U	80	110	450	ug/Kg
86-73-7	Fluorene	67	U	67	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	110	450	ug/Kg
100-01-6	4-Nitroaniline	83	U	83	220	880	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	220	880	ug/Kg
86-30-6	N-Nitrosodiphenylamine	88	U	88	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	110	450	ug/Kg
118-74-1	Hexachlorobenzene	86	U	86	110	450	ug/Kg
1912-24-9	Atrazine	190	U	190	220	880	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	220	880	ug/Kg
85-01-8	Phenanthrene	78	U	78	110	450	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	450	ug/Kg
120-12-7	Anthracene	67	U	67	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	450	ug/Kg
86-74-8	Carbazole	75	U	75	220	880	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	450	ug/Kg
206-44-0	Fluoranthene	140	U	140	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D24	SDG No.:	BP071724
Lab Sample ID:	P3215-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021020.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	880	ug/Kg
56-55-3	Benzo(a)anthracene	72	U	72	110	450	ug/Kg
218-01-9	Chrysene	83	U	83	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	220	880	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	U	88	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	86	U	86	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	U	83	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	U	75	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	U	70	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88	U	88	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.4		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.088		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.075		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.996		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.984		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.866		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.116		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.793		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.542		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.797		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.946		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.25		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.663		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.527		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D24	SDG No.:	BP071724
Lab Sample ID:	P3215-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021020.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.527		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	24.712		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	21.443		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.835		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145951	7.681				
1146-65-2	Naphthalene-d8	590594	10.452				
15067-26-2	Acenaphthene-d10	401537	14.316				
1517-22-2	Phenanthrene-d10	908240	17.122				
1719-03-5	Chrysene-d12	971582	21.569				
1520-96-3	Perylene-d12	1183444	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	390	J			18.051	
	(DEL) Alkane: Cyclic	280	J			21.227	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25	SDG No.:	BP071724
Lab Sample ID:	P3215-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021021.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.4	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	870	ug/Kg
110-86-1	Pyridine	87	U	87	430	870	ug/Kg
108-95-2	Phenol	110	U	110	220	870	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	220	870	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	870	ug/Kg
98-86-2	Acetophenone	110	U	110	220	870	ug/Kg
106-44-5	4-Methylphenol	97	U	97	220	870	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	450	ug/Kg
67-72-1	Hexachloroethane	47	U	47	110	450	ug/Kg
98-95-3	Nitrobenzene	82	U	82	110	450	ug/Kg
78-59-1	Isophorone	130	U	130	110	450	ug/Kg
88-75-5	2-Nitrophenol	82	U	82	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	110	450	ug/Kg
91-20-3	Naphthalene	66	U	66	110	450	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	110	870	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	110	450	ug/Kg
105-60-2	Caprolactam	190	U	190	220	870	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	87	U	87	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	220	870	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25	SDG No.:	BP071724
Lab Sample ID:	P3215-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021021.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	110	450	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	450	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	110	450	ug/Kg
208-96-8	Acenaphthylene	84	U	84	110	450	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	220	870	ug/Kg
83-32-9	Acenaphthene	76	U	76	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	220	870	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	220	870	ug/Kg
132-64-9	Dibenzofuran	84	U	84	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	450	ug/Kg
84-66-2	Diethylphthalate	79	U	79	110	450	ug/Kg
86-73-7	Fluorene	66	U	66	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	110	450	ug/Kg
100-01-6	4-Nitroaniline	82	U	82	220	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	220	870	ug/Kg
86-30-6	N-Nitrosodiphenylamine	87	U	87	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	76	U	76	110	450	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	110	450	ug/Kg
1912-24-9	Atrazine	190	U	190	220	870	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	220	870	ug/Kg
85-01-8	Phenanthrene	76	U	76	110	450	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	450	ug/Kg
120-12-7	Anthracene	66	U	66	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	450	ug/Kg
86-74-8	Carbazole	74	U	74	220	870	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	450	ug/Kg
206-44-0	Fluoranthene	220	J	140	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25	SDG No.:	BP071724
Lab Sample ID:	P3215-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021021.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	130	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	870	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	71	110	450	ug/Kg
218-01-9	Chrysene	140	J	82	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	220	870	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	87	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	84	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	U	82	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	68	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.802		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.463		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.309		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.748		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.464		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.984		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	17.632		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.833		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.182		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.216		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.18		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.311		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.31		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.002		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25	SDG No.:	BP071724
Lab Sample ID:	P3215-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021021.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.856		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.705		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	19.483		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.5		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159915	7.681				
1146-65-2	Naphthalene-d8	697935	10.446				
15067-26-2	Acenaphthene-d10	483214	14.304				
1517-22-2	Phenanthrene-d10	1045166	17.128				
1719-03-5	Chrysene-d12	963066	21.563				
1520-96-3	Perylene-d12	1096210	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	320	J			11.199	
000057-10-3	n-Hexadecanoic acid	290	J			18.045	
E966796	Total Alkanes	63	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ8	SDG No.:	BP071724
Lab Sample ID:	P3215-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021022.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.7	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	91.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.7	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.2	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	91.7	370	ug/Kg
98-86-2	Acetophenone	44	U	44	91.7	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.2	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	47.2	190	ug/Kg
78-59-1	Isophorone	53	U	53	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.2	190	ug/Kg
105-60-2	Caprolactam	80	U	80	91.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	47.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ8	SDG No.:	BP071724
Lab Sample ID:	P3215-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021022.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.7	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.7	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.2	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	47.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	91.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.2	190	ug/Kg
1912-24-9	Atrazine	79	U	79	91.7	370	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.7	370	ug/Kg
85-01-8	Phenanthrene	290		32	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.2	190	ug/Kg
120-12-7	Anthracene	59	J	28	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.2	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.2	190	ug/Kg
206-44-0	Fluoranthene	410		60	91.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ8	SDG No.:	BP071724
Lab Sample ID:	P3215-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021022.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		54	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	220		30	47.2	190	ug/Kg
218-01-9	Chrysene	250		34	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		37	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	42	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	36	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	J	34	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	J	31	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.651		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.042		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.701		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.885		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.419		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	16.519		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.051		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.163		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.416		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.932		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.931		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.821		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	20.027		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ8	SDG No.:	BP071724
Lab Sample ID:	P3215-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021022.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.974		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	19.35		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	15.767		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.4		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166518	7.687				
1146-65-2	Naphthalene-d8	714177	10.44				
15067-26-2	Acenaphthene-d10	497983	14.304				
1517-22-2	Phenanthrene-d10	1098469	17.116				
1719-03-5	Chrysene-d12	1001736	21.569				
1520-96-3	Perylene-d12	1170824	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	100	J			9.769	
	unknown-01	100	J			12.21	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	540	J			17.751	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	96	J			17.998	
000057-10-3	n-Hexadecanoic acid	560	J			18.063	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	560	J			18.222	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	300	J			18.287	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	250	J			18.328	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	390	J			18.522	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	120	J			18.569	
016606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	87	J			18.634	
041464-41-9	1,1-Biphenyl, 2,2,5,6-Tetrachlo	91	J			18.663	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	210	J			18.704	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	250	J			19.022	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	560	J			19.081	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachlor	620	J			19.122	
032598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	190	J			19.345	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ8	SDG No.:	BP071724
Lab Sample ID:	P3215-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021022.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
070424-70-3	1,1-Biphenyl, 2,3,4,5,5-Pentach	340	J			19.392	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	100	J			19.463	
	unknown-02	300	J			19.863	
000243-17-4	11H-Benzo[b]fluorene	150	J			20.157	
076842-07-4	2,3,3,4,5- Pentachloro-1,1-bip	200	J			20.186	
055312-69-1	1,1-Biphenyl, 2,2,3,4,5-Pentachl	120	J			20.522	
	(DEL) Alkane: Straight-Chain20.692	110	J			20.692	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	570	J			21.227	
	(DEL) Alkane: Straight-Chain21.775	120	J			21.775	
000638-66-4	Octadecanal	130	J			22.039	
	(DEL) Alkane: Straight-Chain22.410	390	J			22.41	
015594-90-8	1-Heneicosanol	590	J			22.457	
	(DEL) Alkane: Straight-Chain23.133	180	J			23.133	
007390-81-0	Oxirane, hexadecyl-	1900	J			23.486	
	(DEL) Alkane: Straight-Chain23.963	3700	J			23.963	
	(DEL) Alkane: Straight-Chain24.057	2500	J			24.057	
026627-85-0	Hexacosanal	3100	J			25.498	
	(DEL) Alkane: Straight-Chain26.116	5800	J			26.116	
002004-39-9	1-Heptacosanol	2100	J			26.274	
	(DEL) Alkane: Straight-Chain29.180	2700	J			29.18	
000090-93-7	Methanone, bis[4-(diethylamino)phe	240	J			31.662	
E966796	Total Alkanes	16000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BP071724
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BP021023.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	92.9	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.9	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	92.9	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.9	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.9	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.9	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	47.9	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BP071724
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BP021023.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	47.9	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	92.9	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	92.9	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.9	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.9	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.9	370	ug/Kg
85-01-8	Phenanthrene	150	J	33	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	47.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.9	190	ug/Kg
86-74-8	Carbazole	32	U	32	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	47.9	190	ug/Kg
206-44-0	Fluoranthene	270		61	92.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BP071724
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BP021023.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	55	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	30	47.9	190	ug/Kg
218-01-9	Chrysene	160	J	35	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	37	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	J	43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	52	J	36	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	J	35	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.937		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.231		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.293		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.315		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.482		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.723		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.906		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.025		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.37		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.559		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.604		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.287		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	27.645		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BP071724
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BP021023.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.136		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.891		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	18.314		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.471		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142479	7.687				
1146-65-2	Naphthalene-d8	578541	10.451				
15067-26-2	Acenaphthene-d10	397286	14.316				
1517-22-2	Phenanthrene-d10	926695	17.122				
1719-03-5	Chrysene-d12	942198	21.563				
1520-96-3	Perylene-d12	1112220	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.198	
000057-10-3	n-Hexadecanoic acid	260	J			18.057	
000057-11-4	Octadecanoic acid	82	J			19.38	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	290	J			21.221	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BP071724
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021024.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.5	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	49	U	49	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.5	370	ug/Kg
98-86-2	Acetophenone	45	U	45	93.5	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48.2	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.2	190	ug/Kg
78-59-1	Isophorone	54	U	54	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.2	190	ug/Kg
105-60-2	Caprolactam	82	U	82	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BP071724
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021024.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.5	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.5	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.2	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.2	190	ug/Kg
1912-24-9	Atrazine	81	U	81	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.5	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.2	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.2	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BP071724
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021024.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.2	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.453		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	23.273		20-120		58	SPK: -40
4165-62-2	Phenol-d5	33.081		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.592		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.128		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	34.929		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	34.758		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.734		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.059		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.347		1-145		93	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.609		10-145		107	SPK: -40
93951-97-4	Acenaphthylene-d8	39.945		15-120		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	43.365		10-150		108	SPK: -40
81103-79-9	Fluorene-d10	42.608		20-140		107	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BP071724
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021024.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.065		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	43.882		10-150		110	SPK: -40
1718-52-1	Pyrene-d10	41.253		10-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.139		10-140		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169592	7.687				
1146-65-2	Naphthalene-d8	730292	10.451				
15067-26-2	Acenaphthene-d10	492297	14.316				
1517-22-2	Phenanthrene-d10	1038046	17.122				
1719-03-5	Chrysene-d12	939091	21.569				
1520-96-3	Perylene-d12	1086052	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.522	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	100	J			7.31	
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.193	
	unknown-01	84	J			14.51	
000057-10-3	n-Hexadecanoic acid	310	J			18.057	
000057-11-4	Octadecanoic acid	110	J			19.392	
	(DEL) Alkane: Straight-Chain	250	J			21.227	
E966796	Total Alkanes	250				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BP071724
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021025.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.2	100	ug/Kg
100-52-7	Benzaldehyde	69	U	69	130	510	ug/Kg
110-86-1	Pyridine	51	U	51	250	510	ug/Kg
108-95-2	Phenol	66	U	66	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	130	510	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	65.6	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	130	510	ug/Kg
98-86-2	Acetophenone	62	U	62	130	510	ug/Kg
106-44-5	4-Methylphenol	57	U	57	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	65.6	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	65.6	260	ug/Kg
98-95-3	Nitrobenzene	48	U	48	65.6	260	ug/Kg
78-59-1	Isophorone	74	U	74	65.6	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	65.6	260	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	65.6	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	65.6	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	65.6	260	ug/Kg
91-20-3	Naphthalene	39	U	39	65.6	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	65.6	510	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	65.6	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	65.6	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	65.6	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	65.6	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	65.6	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	65.6	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BP071724
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021025.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	65.6	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	65.6	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	65.6	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	65.6	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	68	U	68	65.6	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	65.6	260	ug/Kg
99-09-2	3-Nitroaniline	68	U	68	130	510	ug/Kg
83-32-9	Acenaphthene	45	U	45	65.6	260	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	49	U	49	65.6	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	65.6	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	65.6	260	ug/Kg
86-73-7	Fluorene	39	U	39	65.6	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.6	260	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	65.6	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	65.6	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	65.6	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	65.6	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	510	ug/Kg
85-01-8	Phenanthrene	320		45	65.6	260	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	65.6	260	ug/Kg
120-12-7	Anthracene	39	U	39	65.6	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	65.6	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	65.6	260	ug/Kg
206-44-0	Fluoranthene	440		83	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BP071724
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021025.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		76	65.6	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	65.6	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	42	65.6	260	ug/Kg
218-01-9	Chrysene	240	J	48	65.6	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	65.6	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		51	65.6	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	59	65.6	260	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	49	65.6	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	J	48	65.6	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	65.6	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	65.6	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	65.6	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.328		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.163		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.683		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.213		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	14.271		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	17.485		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.984		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.061		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.433		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.681		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.094		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.384		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.07		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BP071724
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021025.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.479		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.37		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	17.254		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.933		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142960	7.693				
1146-65-2	Naphthalene-d8	579589	10.446				
15067-26-2	Acenaphthene-d10	392400	14.298				
1517-22-2	Phenanthrene-d10	892729	17.116				
1719-03-5	Chrysene-d12	906372	21.563				
1520-96-3	Perylene-d12	1044903	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	850	J			14.528	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	100	J			17.739	
000057-10-3	n-Hexadecanoic acid	340	J			18.045	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	130	J			18.222	
	(DEL) Alkane: Cyclic21.216	180	J			21.216	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ6	SDG No.:	BP071724
Lab Sample ID:	P3215-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021026.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	85	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.5	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.5	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.5	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.5	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.5	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.5	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.5	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.5	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.5	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ6	SDG No.:	BP071724
Lab Sample ID:	P3215-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021026.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.5	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.5	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.5	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.5	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.5	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.5	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.5	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.5	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.5	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	310		37	54.5	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.5	220	ug/Kg
120-12-7	Anthracene	62	J	32	54.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.5	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.5	220	ug/Kg
206-44-0	Fluoranthene	320		69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ6	SDG No.:	BP071724
Lab Sample ID:	P3215-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021026.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270		63	54.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	35	54.5	220	ug/Kg
218-01-9	Chrysene	170	J	40	54.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	42	54.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	J	49	54.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	91	J	41	54.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	J	40	54.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.807		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.283		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.914		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.747		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.323		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.315		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.634		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.652		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.108		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.669		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.873		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.268		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.72		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ6	SDG No.:	BP071724
Lab Sample ID:	P3215-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021026.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.114		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	22.5		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	17.84		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.536		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123498	7.681				
1146-65-2	Naphthalene-d8	498491	10.446				
15067-26-2	Acenaphthene-d10	329660	14.31				
1517-22-2	Phenanthrene-d10	766539	17.116				
1719-03-5	Chrysene-d12	824938	21.557				
1520-96-3	Perylene-d12	970786	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			14.522	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	100	J			17.739	
000057-10-3	n-Hexadecanoic acid	220	J			18.045	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	140	J			18.216	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	130	J			21.221	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS057	SDG No.:	BP071724
Lab Sample ID:	PB162057BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021027.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		45	82.5	330	ug/Kg
110-86-1	Pyridine	930		33	170	330	ug/Kg
108-95-2	Phenol	1100		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	970		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		31	42.5	170	ug/Kg
78-59-1	Isophorone	1000		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	880		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		16	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	950		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	990		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS057	SDG No.:	BP071724
Lab Sample ID:	PB162057BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021027.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		30	42.5	170	ug/Kg
86-73-7	Fluorene	1100		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1500		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		32	42.5	170	ug/Kg
1912-24-9	Atrazine	210	J	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	840		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	980		52	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	990		50	42.5	170	ug/Kg
86-74-8	Carbazole	1200		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	980		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS057	SDG No.:	BP071724
Lab Sample ID:	PB162057BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021027.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		27	42.5	170	ug/Kg
218-01-9	Chrysene	1100		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	980		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.646		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	27.454		20-120		69	SPK: -40
4165-62-2	Phenol-d5	32.484		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.699		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.043		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	32.105		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.072		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.344		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.343		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.338		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.922		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.183		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.217		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	33.422		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS057	SDG No.:	BP071724
Lab Sample ID:	PB162057BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021027.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.638		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	32.407		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	30.611		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.401		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178649	7.692				
1146-65-2	Naphthalene-d8	782446	10.445				
15067-26-2	Acenaphthene-d10	532383	14.316				
1517-22-2	Phenanthrene-d10	1126653	17.11				
1719-03-5	Chrysene-d12	1022209	21.556				
1520-96-3	Perylene-d12	1214280	24.85				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021029.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

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

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021029.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

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

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021029.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.608		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.834		20-120		65	SPK: -40
4165-62-2	Phenol-d5	28.213		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.265		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.771		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	28.445		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.257		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.93		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.045		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.419		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.821		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.202		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.5		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.496		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK057	SDG No.:	BP071724
Lab Sample ID:	PB162057BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021029.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.544		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	31.271		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	28.127		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.084		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163736	7.693				
1146-65-2	Naphthalene-d8	711641	10.446				
15067-26-2	Acenaphthene-d10	499350	14.31				
1517-22-2	Phenanthrene-d10	1105508	17.116				
1719-03-5	Chrysene-d12	1071930	21.563				
1520-96-3	Perylene-d12	1241894	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23	SDG No.:	BP071724
Lab Sample ID:	P3215-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021030.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	21.2	210	ug/Kg
100-52-7	Benzaldehyde	140	U	140	260	1100	ug/Kg
110-86-1	Pyridine	110	U	110	530	1100	ug/Kg
108-95-2	Phenol	140	U	140	260	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	260	1100	ug/Kg
95-57-8	2-Chlorophenol	74	U	74	140	540	ug/Kg
95-48-7	2-Methylphenol	130	U	130	260	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	260	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	260	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	260	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	140	540	ug/Kg
67-72-1	Hexachloroethane	58	U	58	140	540	ug/Kg
98-95-3	Nitrobenzene	99	U	99	140	540	ug/Kg
78-59-1	Isophorone	150	U	150	140	540	ug/Kg
88-75-5	2-Nitrophenol	99	U	99	140	540	ug/Kg
105-67-9	2,4-Dimethylphenol	80	U	80	140	540	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	540	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	140	540	ug/Kg
91-20-3	Naphthalene	80	U	80	140	540	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	140	540	ug/Kg
105-60-2	Caprolactam	230	U	230	260	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	540	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	540	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	140	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	300	260	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	540	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23	SDG No.:	BP071724
Lab Sample ID:	P3215-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021030.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	77	U	77	140	540	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	140	540	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	140	540	ug/Kg
131-11-3	Dimethylphthalate	93	U	93	140	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	140	540	ug/Kg
208-96-8	Acenaphthylene	100	U	100	140	540	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	260	1100	ug/Kg
83-32-9	Acenaphthene	93	U	93	140	540	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	260	1100	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	260	1100	ug/Kg
132-64-9	Dibenzofuran	100	U	100	140	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	540	ug/Kg
84-66-2	Diethylphthalate	96	U	96	140	540	ug/Kg
86-73-7	Fluorene	80	U	80	140	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	140	540	ug/Kg
100-01-6	4-Nitroaniline	99	U	99	260	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	260	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	140	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93	U	93	140	540	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	540	ug/Kg
1912-24-9	Atrazine	230	U	230	260	1100	ug/Kg
87-86-5	Pentachlorophenol	240	U	240	260	1100	ug/Kg
85-01-8	Phenanthrene	93	U	93	140	540	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	540	ug/Kg
120-12-7	Anthracene	80	U	80	140	540	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	140	540	ug/Kg
86-74-8	Carbazole	90	U	90	260	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	540	ug/Kg
206-44-0	Fluoranthene	220	J	170	260	540	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23	SDG No.:	BP071724
Lab Sample ID:	P3215-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021030.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	160	140	540	ug/Kg
85-68-7	Butylbenzylphthalate	270	U	270	140	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	260	1100	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	87	140	540	ug/Kg
218-01-9	Chrysene	150	J	99	140	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	140	540	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	260	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	110	140	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	140	540	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	100	140	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	U	99	140	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	U	90	140	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	U	83	140	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	540	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.793		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	17.404		20-120		44	SPK: -40
4165-62-2	Phenol-d5	26.047		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.956		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.018		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	27.63		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	26.127		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.942		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.073		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.903		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.332		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.4		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.83		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	30.354		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23	SDG No.:	BP071724
Lab Sample ID:	P3215-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021030.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.666		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.48		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	28.123		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.263		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207267	7.687				
1146-65-2	Naphthalene-d8	888726	10.446				
15067-26-2	Acenaphthene-d10	586860	14.316				
1517-22-2	Phenanthrene-d10	1217497	17.116				
1719-03-5	Chrysene-d12	1107510	21.563				
1520-96-3	Perylene-d12	1294417	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	360	J			3.522	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	250	J			7.31	
000770-35-4	1-Phenoxypropan-2-ol	520	J			11.193	
000057-10-3	n-Hexadecanoic acid	500	J			18.057	
	(DEL) Alkane: Straight-Chain21.227	450	J			21.227	
	(DEL) Alkane: Straight-Chain23.951	840	J			23.951	
	(DEL) Alkane: Straight-Chain26.098	1200	J			26.098	
E966796	Total Alkanes	2500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MS	SDG No.:	BP071724
Lab Sample ID:	P3215-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021031.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300		35	21.1	210	ug/Kg
100-52-7	Benzaldehyde	3400		140	260	1100	ug/Kg
110-86-1	Pyridine	3300		110	530	1100	ug/Kg
108-95-2	Phenol	3600		140	260	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3200		130	260	1100	ug/Kg
95-57-8	2-Chlorophenol	3500		73	140	540	ug/Kg
95-48-7	2-Methylphenol	3500		120	260	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		190	260	1100	ug/Kg
98-86-2	Acetophenone	3400		130	260	1100	ug/Kg
106-44-5	4-Methylphenol	3600		120	260	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3200		160	140	540	ug/Kg
67-72-1	Hexachloroethane	3200		58	140	540	ug/Kg
98-95-3	Nitrobenzene	3600		99	140	540	ug/Kg
78-59-1	Isophorone	3400		150	140	540	ug/Kg
88-75-5	2-Nitrophenol	3800		99	140	540	ug/Kg
105-67-9	2,4-Dimethylphenol	3500		80	140	540	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3300		140	140	540	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		51	140	540	ug/Kg
91-20-3	Naphthalene	3500		80	140	540	ug/Kg
106-47-8	4-Chloroaniline	3000		77	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	3400		140	140	540	ug/Kg
105-60-2	Caprolactam	4000		230	260	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3800		160	140	540	ug/Kg
90-12-0	1-Methylnaphthalene	3600		110	140	540	ug/Kg
91-57-6	2-Methylnaphthalene	3500		73	140	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		300	260	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3600		160	140	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800		120	140	540	ug/Kg



Client:				Date Collected:	7/10/2024 12:00:00 AM	
Project:				Date Received:	7/10/2024 12:00:00 AM	
Client Sample ID:	A4D23MS			SDG No.:	BP071724	
Lab Sample ID:	P3215-09MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	68.8	
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021031.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3600		77	140	540	ug/Kg
91-58-7	2-Chloronaphthalene	3500		83	140	540	ug/Kg
88-74-4	2-Nitroaniline	4100		130	140	540	ug/Kg
131-11-3	Dimethylphthalate	3500		93	140	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800		140	140	540	ug/Kg
208-96-8	Acenaphthylene	3600		100	140	540	ug/Kg
99-09-2	3-Nitroaniline	4500		140	260	1100	ug/Kg
83-32-9	Acenaphthene	3500		93	140	540	ug/Kg
51-28-5	2,4-Dinitrophenol	3700		150	260	1100	ug/Kg
100-02-7	4-Nitrophenol	4300		140	260	1100	ug/Kg
132-64-9	Dibenzofuran	3700		100	140	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100		140	140	540	ug/Kg
84-66-2	Diethylphthalate	3600		96	140	540	ug/Kg
86-73-7	Fluorene	3700		80	140	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3500		64	140	540	ug/Kg
100-01-6	4-Nitroaniline	5600		99	260	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3400		250	260	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3300		110	140	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		77	140	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3200		93	140	540	ug/Kg
118-74-1	Hexachlorobenzene	3400		100	140	540	ug/Kg
1912-24-9	Atrazine	2700		230	260	1100	ug/Kg
87-86-5	Pentachlorophenol	3500		240	260	1100	ug/Kg
85-01-8	Phenanthrene	3700		93	140	540	ug/Kg
608-93-5	Pentachlorobenzene	3200		170	140	540	ug/Kg
120-12-7	Anthracene	3600		80	140	540	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3100		160	140	540	ug/Kg
86-74-8	Carbazole	4000		89	260	1100	ug/Kg
84-74-2	Di-n-butylphthalate	3600		190	140	540	ug/Kg
206-44-0	Fluoranthene	3200		170	260	540	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MS	SDG No.:	BP071724
Lab Sample ID:	P3215-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021031.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300		160	140	540	ug/Kg
85-68-7	Butylbenzylphthalate	3200		270	140	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2700		150	260	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3600		86	140	540	ug/Kg
218-01-9	Chrysene	3700		99	140	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		310	140	540	ug/Kg
117-84-0	Di-n-octyl phthalate	3400		240	260	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800		110	140	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500		120	140	540	ug/Kg
50-32-8	Benzo(a)pyrene	3300		100	140	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		99	140	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3500		89	140	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3500		83	140	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3700		110	140	540	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.317		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.334		20-120		51	SPK: -40
4165-62-2	Phenol-d5	27.686		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.003		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.069		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.039		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.674		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.385		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.511		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.398		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.735		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.394		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.835		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	31.84		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MS	SDG No.:	BP071724
Lab Sample ID:	P3215-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021031.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.8		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	30.47		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	27.34		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.991		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182226	7.687				
1146-65-2	Naphthalene-d8	728899	10.446				
15067-26-2	Acenaphthene-d10	480282	14.31				
1517-22-2	Phenanthrene-d10	1109774	17.122				
1719-03-5	Chrysene-d12	1124361	21.563				
1520-96-3	Perylene-d12	1319827	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	77	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MSD	SDG No.:	BP071724
Lab Sample ID:	P3215-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021032.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300		35	21.1	210	ug/Kg
100-52-7	Benzaldehyde	3500		140	260	1100	ug/Kg
110-86-1	Pyridine	3300		110	530	1100	ug/Kg
108-95-2	Phenol	3800		140	260	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3400		130	260	1100	ug/Kg
95-57-8	2-Chlorophenol	3700		74	140	540	ug/Kg
95-48-7	2-Methylphenol	3700		120	260	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3400		190	260	1100	ug/Kg
98-86-2	Acetophenone	3600		130	260	1100	ug/Kg
106-44-5	4-Methylphenol	3800		120	260	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3400		160	140	540	ug/Kg
67-72-1	Hexachloroethane	3300		58	140	540	ug/Kg
98-95-3	Nitrobenzene	3600		99	140	540	ug/Kg
78-59-1	Isophorone	3500		150	140	540	ug/Kg
88-75-5	2-Nitrophenol	3800		99	140	540	ug/Kg
105-67-9	2,4-Dimethylphenol	3600		80	140	540	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3400		140	140	540	ug/Kg
120-83-2	2,4-Dichlorophenol	3900		51	140	540	ug/Kg
91-20-3	Naphthalene	3600		80	140	540	ug/Kg
106-47-8	4-Chloroaniline	3000		77	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	3500		140	140	540	ug/Kg
105-60-2	Caprolactam	4100		230	260	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3900		160	140	540	ug/Kg
90-12-0	1-Methylnaphthalene	3600		110	140	540	ug/Kg
91-57-6	2-Methylnaphthalene	3600		74	140	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		300	260	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800		160	140	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3900		120	140	540	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MSD	SDG No.:	BP071724
Lab Sample ID:	P3215-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021032.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3700		77	140	540	ug/Kg
91-58-7	2-Chloronaphthalene	3600		83	140	540	ug/Kg
88-74-4	2-Nitroaniline	4100		130	140	540	ug/Kg
131-11-3	Dimethylphthalate	3600		93	140	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800		140	140	540	ug/Kg
208-96-8	Acenaphthylene	3600		100	140	540	ug/Kg
99-09-2	3-Nitroaniline	4400		140	260	1100	ug/Kg
83-32-9	Acenaphthene	3600		93	140	540	ug/Kg
51-28-5	2,4-Dinitrophenol	3900		150	260	1100	ug/Kg
100-02-7	4-Nitrophenol	4100		140	260	1100	ug/Kg
132-64-9	Dibenzofuran	3700		100	140	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100		140	140	540	ug/Kg
84-66-2	Diethylphthalate	3600		96	140	540	ug/Kg
86-73-7	Fluorene	3700		80	140	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3500		64	140	540	ug/Kg
100-01-6	4-Nitroaniline	5500		99	260	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500		250	260	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3500		110	140	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3700		77	140	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400		93	140	540	ug/Kg
118-74-1	Hexachlorobenzene	3500		100	140	540	ug/Kg
1912-24-9	Atrazine	2800		230	260	1100	ug/Kg
87-86-5	Pentachlorophenol	3600		240	260	1100	ug/Kg
85-01-8	Phenanthrene	3800		93	140	540	ug/Kg
608-93-5	Pentachlorobenzene	3300		170	140	540	ug/Kg
120-12-7	Anthracene	3600		80	140	540	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3400		160	140	540	ug/Kg
86-74-8	Carbazole	4200		90	260	1100	ug/Kg
84-74-2	Di-n-butylphthalate	3700		200	140	540	ug/Kg
206-44-0	Fluoranthene	3500		170	260	540	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MSD	SDG No.:	BP071724
Lab Sample ID:	P3215-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021032.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500		160	140	540	ug/Kg
85-68-7	Butylbenzylphthalate	3400		270	140	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2800		150	260	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3800		86	140	540	ug/Kg
218-01-9	Chrysene	3900		99	140	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3600		310	140	540	ug/Kg
117-84-0	Di-n-octyl phthalate	3400		240	260	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800		110	140	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	3600		120	140	540	ug/Kg
50-32-8	Benzo(a)pyrene	3400		100	140	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		99	140	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		90	140	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3600		83	140	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3800		110	140	540	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.268		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	20.75		20-120		52	SPK: -40
4165-62-2	Phenol-d5	29.495		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.501		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.254		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	29.649		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.058		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.761		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.304		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.778		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.488		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.836		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.165		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	32.056		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23MSD	SDG No.:	BP071724
Lab Sample ID:	P3215-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021032.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.227		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	31.452		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	28.381		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.241		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183141	7.687				
1146-65-2	Naphthalene-d8	759312	10.451				
15067-26-2	Acenaphthene-d10	496493	14.316				
1517-22-2	Phenanthrene-d10	1099532	17.128				
1719-03-5	Chrysene-d12	1089366	21.563				
1520-96-3	Perylene-d12	1340066	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	77	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02	SDG No.:	BP071724
Lab Sample ID:	P3215-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021033.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.8	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.9	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.8	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.8	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	48.9	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.9	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.9	200	ug/Kg
78-59-1	Isophorone	55	U	55	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.9	200	ug/Kg
91-20-3	Naphthalene	98	J	29	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	48.9	200	ug/Kg
105-60-2	Caprolactam	83	U	83	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	56	J	38	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	70	J	26	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02	SDG No.:	BP071724
Lab Sample ID:	P3215-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021033.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	48.9	200	ug/Kg
208-96-8	Acenaphthylene	160	J	37	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	94.8	380	ug/Kg
83-32-9	Acenaphthene	290		33	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.8	380	ug/Kg
132-64-9	Dibenzofuran	190	J	37	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.9	200	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.9	200	ug/Kg
86-73-7	Fluorene	320		29	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.9	200	ug/Kg
1912-24-9	Atrazine	82	U	82	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.8	380	ug/Kg
85-01-8	Phenanthrene	3500	E	33	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.9	200	ug/Kg
120-12-7	Anthracene	820		29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.9	200	ug/Kg
86-74-8	Carbazole	320	J	32	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.9	200	ug/Kg
206-44-0	Fluoranthene	4400	E	62	94.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02	SDG No.:	BP071724
Lab Sample ID:	P3215-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021033.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500		56	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	2200		31	48.9	200	ug/Kg
218-01-9	Chrysene	2300		36	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	110	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		38	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	800		37	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640		36	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350		32	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	30	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.979		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.004	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	22.303		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.114		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.637		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.051		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	22.843		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.264		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.311		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.572		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.313		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.287		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.669		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.257		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02	SDG No.:	BP071724
Lab Sample ID:	P3215-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BP021033.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.95		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	25.6		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	18.106		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.542		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224959	7.687				
1146-65-2	Naphthalene-d8	946492	10.44				
15067-26-2	Acenaphthene-d10	627310	14.304				
1517-22-2	Phenanthrene-d10	1256218	17.116				
1719-03-5	Chrysene-d12	1049138	21.569				
1520-96-3	Perylene-d12	1294143	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	550	J			3.028	
	unknown-01	570	J			3.752	
	unknown-02	210	J			4.505	
000060-35-5	Acetamide	150	J			4.964	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.193	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	120	J			15.586	
007320-53-8	Dibenzofuran, 4-methyl-	140	J			15.828	
002523-39-9	9H-Fluorene, 3-methyl-	120	J			16.404	
000486-25-9	9H-Fluorene-9-one	120	J			16.769	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	150	J			16.851	
000132-65-0	Dibenzothiophene	190	J			16.933	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	200	J			17.733	
002531-84-2	Phenanthrene, 2-methyl-	630	J			18.016	
000057-10-3	n-Hexadecanoic acid	1300	J			18.063	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	190	J			18.163	
000203-64-5	4H-Cyclopenta[def]phenanthrene	890	J			18.228	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	300	J			18.263	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C02	SDG No.:	BP071724
Lab Sample ID:	P3215-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021033.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	160	J			18.328	
000612-94-2	Naphthalene, 2-phenyl-	310	J			18.545	
000084-65-1	9,10-Anthracenedione	250	J			18.598	
003674-69-9	Phenanthrene, 4,5-dimethyl-	160	J			18.792	
003674-66-6	Phenanthrene, 2,5-dimethyl-	280	J			18.98	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	270	J			19.028	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	220	J			19.075	
041464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	360	J			19.116	
000238-84-6	11H-Benzo[a]fluorene	270	J			20.157	
	unknown-03	340	J			21.221	
000629-92-5	Nonadecane	500	J			23.951	
000192-97-2	Benzo[e]pyrene	440	J			24.557	
055103-80-5	Pregn-5-en-3-ol, 21-bromo-20-methy	890	J			30.321	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BP071724
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021034.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

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

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BP071724
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021034.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.7	190	ug/Kg
208-96-8	Acenaphthylene	100	J	36	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.6	370	ug/Kg
83-32-9	Acenaphthene	190		33	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	120	J	36	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.7	190	ug/Kg
86-73-7	Fluorene	190		28	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.7	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.6	370	ug/Kg
85-01-8	Phenanthrene	2300		33	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.7	190	ug/Kg
120-12-7	Anthracene	460		28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.7	190	ug/Kg
86-74-8	Carbazole	240	J	31	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	68	47.7	190	ug/Kg
206-44-0	Fluoranthene	2900		61	92.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BP071724
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021034.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		55	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		30	47.7	190	ug/Kg
218-01-9	Chrysene	1600		35	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		110	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		37	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	660		43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	520		36	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		35	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		31	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	J	29	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.979		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.932	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	20.863		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.124		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.594		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	10.582		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	22.663		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.474		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.619		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.465		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.418		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.097		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	24.317		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BP071724
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021034.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.137		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.383		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	16.057		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.975		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193398	7.687				
1146-65-2	Naphthalene-d8	814035	10.439				
15067-26-2	Acenaphthene-d10	571714	14.292				
1517-22-2	Phenanthrene-d10	1199086	17.121				
1719-03-5	Chrysene-d12	1053490	21.568				
1520-96-3	Perylene-d12	1268675	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
056052-83-6	2-Hexene, 1-methoxy-, (E)-	490	J			3.028	
	unknown-01	740	J			3.751	
000754-05-2	Silane, ethenyltrimethyl-	150	J			4.504	
1010306-71-7	(3,3-Dimethyloxiranyl)methanol	190	J			4.957	
1000372-71-7	Pentan-2-yl 2-methylbutanoate	150	J			7.881	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.192	
	unknown-02	190	J			14.522	
000486-25-9	9H-Fluoren-9-one	110	J			16.769	
000132-65-0	Dibenzothiophene	120	J			16.921	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	740	J			17.733	
068194-04-7	2,2,4,6-Tetrachloro-1,1-biphenyl	120	J			17.857	
038444-77-8	2,4,6-Trichloro-1,1-biphenyl	120	J			17.98	
002531-84-2	Phenanthrene, 2-methyl-	300	J			18.021	
000057-10-3	n-Hexadecanoic acid	880	J			18.051	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	880	J			18.221	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	410	J			18.28	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachloro-	290	J			18.327	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BP071724
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021034.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	220	J			18.515	
000612-94-2	Naphthalene, 2-phenyl-	200	J			18.545	
000084-65-1	9,10-Anthracenedione	170	J			18.598	
073575-53-8	2,3,4,5-Tetrachloro-1,1-biphenyl	180	J			18.704	
003674-69-9	Phenanthrene, 4,5-dimethyl-	120	J			18.798	
003674-66-6	Phenanthrene, 2,5-dimethyl-	200	J			18.98	
033025-41-1	1,1-Biphenyl, 2,3,4,4-tetrachlor	380	J			19.033	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	420	J			19.08	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	620	J			19.121	
002381-21-7	Pyrene, 1-methyl-	110	J			19.974	
000243-17-4	11H-Benzo[b]fluorene	270	J			20.157	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	260	J			21.221	
	(DEL) Alkane: Straight-Chain22.403	200	J			22.403	
	(DEL) Alkane: Straight-Chain22.445	190	J			22.445	
	(DEL) Alkane: Straight-Chain23.956	700	J			23.956	
018206-97-8	Octacosyl acetate	850	J			24.044	
	(DEL) Alkane: Straight-Chain26.109	750	J			26.109	
E966796	Total Alkanes	1800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09	SDG No.:	BP071724
Lab Sample ID:	P3215-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021035.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.7	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.3	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	95.7	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.7	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.3	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.3	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.3	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.3	200	ug/Kg
91-20-3	Naphthalene	280		29	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.3	200	ug/Kg
105-60-2	Caprolactam	84	U	84	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	85	J	38	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	27	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09	SDG No.:	BP071724
Lab Sample ID:	P3215-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021035.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.3	200	ug/Kg
208-96-8	Acenaphthylene	140	J	37	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.7	380	ug/Kg
83-32-9	Acenaphthene	440		34	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.7	380	ug/Kg
132-64-9	Dibenzofuran	300		37	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.3	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.3	200	ug/Kg
86-73-7	Fluorene	390		29	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.3	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.7	380	ug/Kg
85-01-8	Phenanthrene	4000	E	34	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.3	200	ug/Kg
120-12-7	Anthracene	700		29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.3	200	ug/Kg
86-74-8	Carbazole	430		32	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	J	71	49.3	200	ug/Kg
206-44-0	Fluoranthene	4200	E	63	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09	SDG No.:	BP071724
Lab Sample ID:	P3215-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021035.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		57	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	2200		31	49.3	200	ug/Kg
218-01-9	Chrysene	2300		36	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		110	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		38	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	790		37	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		36	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350		32	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	J	30	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.3	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	2.046	*	20-120		5	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.934		15-120		37	SPK: -8
4165-62-2	Phenol-d5	19.942		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.236		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.612		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	12.084		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	20.616		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.34		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.256		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.112		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.17		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.587		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.945		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.29		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09	SDG No.:	BP071724
Lab Sample ID:	P3215-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021035.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.764		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.443		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	14.398		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.587		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160151	7.693				
1146-65-2	Naphthalene-d8	690744	10.452				
15067-26-2	Acenaphthene-d10	512229	14.316				
1517-22-2	Phenanthrene-d10	1162715	17.128				
1719-03-5	Chrysene-d12	1068609	21.575				
1520-96-3	Perylene-d12	1320222	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	480	J			3.023	
	unknown-01	780	J			3.746	
056960-89-5	Guanidine, monothiocyanate	200	J			4.958	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.199	
000486-25-9	9H-Fluoren-9-one	230	J			16.781	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	160	J			16.869	
000132-65-0	Dibenzothiophene	220	J			16.94	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	830	J			17.745	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	210	J			17.857	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	130	J			18.004	
004505-48-0	1H-Indene, 2-phenyl-	390	J			18.034	
000057-10-3	n-Hexadecanoic acid	550	J			18.057	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	1200	J			18.228	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	530	J			18.287	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	330	J			18.34	
052663-59-9	1,1-Biphenyl, 2,2,3,4-tetrachloro-	300	J			18.522	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	440	J			18.551	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C09	SDG No.:	BP071724
Lab Sample ID:	P3215-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021035.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	600	J			18.61	
070362-49-1	3,3,4,5-Tetrachloro-1,1-biphenyl	190	J			18.71	
052251-71-5	Anthracene, 2-ethyl-	150	J			18.81	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			18.981	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	510	J			19.028	
032598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	490	J			19.087	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	720	J			19.134	
002381-21-7	Pyrene, 1-methyl-	140	J			19.992	
000243-17-4	11H-Benzo[b]fluorene	250	J			20.157	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			20.957	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	260	J			21.222	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.304	
015594-90-8	1-Heneicosanol	120	J			22.457	
	(DEL) Alkane: Straight-Chain26.110	2000	J			26.11	
E966796	Total Alkanes	2000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BP071724
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021036.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.5	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	91.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.5	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.1	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	91.5	370	ug/Kg
98-86-2	Acetophenone	44	U	44	91.5	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.1	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.1	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	47.1	190	ug/Kg
78-59-1	Isophorone	53	U	53	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.1	190	ug/Kg
91-20-3	Naphthalene	85	J	28	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.1	190	ug/Kg
105-60-2	Caprolactam	80	U	80	91.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	54	J	37	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	61	J	25	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BP071724
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021036.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.1	190	ug/Kg
208-96-8	Acenaphthylene	85	J	35	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.5	370	ug/Kg
83-32-9	Acenaphthene	190		32	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.5	370	ug/Kg
132-64-9	Dibenzofuran	110	J	35	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.1	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	47.1	190	ug/Kg
86-73-7	Fluorene	190		28	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	47.1	190	ug/Kg
1912-24-9	Atrazine	79	U	79	91.5	370	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.5	370	ug/Kg
85-01-8	Phenanthrene	1900		32	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.1	190	ug/Kg
120-12-7	Anthracene	420		28	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	47.1	190	ug/Kg
86-74-8	Carbazole	160	J	31	91.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	110	J	68	47.1	190	ug/Kg
206-44-0	Fluoranthene	2000		60	91.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BP071724
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021036.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	1100		30	47.1	190	ug/Kg
218-01-9	Chrysene	1100		34	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	110	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		37	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		42	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	350		35	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		34	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	31	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	J	29	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.1	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.995	*	20-120		2	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.987		15-120		37	SPK: -8
4165-62-2	Phenol-d5	21.515		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.791		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.063		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.204		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.979		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.239		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.282		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.974		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.291		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.33		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.032		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.599		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BP071724
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021036.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.73		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.639		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	15.211		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.344		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202668	7.687				
1146-65-2	Naphthalene-d8	881392	10.452				
15067-26-2	Acenaphthene-d10	593822	14.316				
1517-22-2	Phenanthrene-d10	1241378	17.128				
1719-03-5	Chrysene-d12	1081358	21.569				
1520-96-3	Perylene-d12	1320826	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	190	J			3.028	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	340	J			3.752	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.199	
	(DEL) Alkane: Straight-Chain16.075	79	J			16.075	
000132-65-0	Dibenzothiophene	130	J			16.939	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	730	J			17.745	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	220	J			17.857	
000057-10-3	n-Hexadecanoic acid	710	J			18.051	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	1000	J			18.228	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	590	J			18.292	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	390	J			18.339	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	450	J			18.522	
000084-65-1	9,10-Anthracenedione	130	J			18.604	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachlor	170	J			18.669	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	160	J			18.71	
003674-69-9	Phenanthrene, 4,5-dimethyl-	130	J			18.81	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			18.981	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BP071724
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021036.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
074472-34-7	2,3,4,5-Tetrachloro-1,1-biphenyl	390	J			19.028	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	680	J			19.092	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	900	J			19.134	
052663-59-9	1,1-Biphenyl, 2,2,3,4-tetrachloro-	330	J			19.339	
068194-05-8	2,2,3,4,6-Pentachloro-1,1-biphe	220	J			19.404	
038380-01-7	1,1-Biphenyl, 2,2,4,4,5-pentach	110	J			19.475	
057465-28-8	3,3,4,4,,5-Pentachloro-1,1-biph	150	J			19.875	
002381-21-7	Pyrene, 1-methyl-	160	J			19.98	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.151	
032598-14-4	1,1-Biphenyl, 2,3,3,4,4-pentach	110	J			20.204	
003442-78-2	Pyrene, 2-methyl-	96	J			20.328	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	120	J			20.522	
000479-79-8	11H-Benzo[a]fluoren-11-one	92	J			20.957	
000082-05-3	(DEL) Alkane: Cyclic21.216	310	J			21.216	
	7H-Benz[de]anthracen-7-one	92	J			21.304	
	(DEL) Alkane: Straight-Chain21.775	82	J			21.775	
	(DEL) Alkane: Straight-Chain22.416	110	J			22.416	
	(DEL) Alkane: Straight-Chain23.957	650	J			23.957	
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BP071724
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021037.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.2	220	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	56.2	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.2	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.2	220	ug/Kg
78-59-1	Isophorone	63	U	63	56.2	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.2	220	ug/Kg
91-20-3	Naphthalene	58	J	33	56.2	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.2	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.2	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BP071724
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021037.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.2	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.2	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.2	220	ug/Kg
208-96-8	Acenaphthylene	160	J	42	56.2	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	53	J	38	56.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.2	220	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.2	220	ug/Kg
86-73-7	Fluorene	66	J	33	56.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.2	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.2	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.2	220	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	960		38	56.2	220	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.2	220	ug/Kg
120-12-7	Anthracene	240		33	56.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.2	220	ug/Kg
86-74-8	Carbazole	120	J	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.2	220	ug/Kg
206-44-0	Fluoranthene	1900		71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BP071724
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021037.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		65	56.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	110	56.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	990		36	56.2	220	ug/Kg
218-01-9	Chrysene	1300		41	56.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	710		130	56.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		44	56.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		50	56.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	440		42	56.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		41	56.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		37	56.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	J	34	56.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.992		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.671	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	20.479		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.427		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.105		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	12.989		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	23.59		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.232		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.566		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.492		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.754		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.162		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.21		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BP071724
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021037.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.978		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	25.634		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	17.057		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.644		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225077	7.687				
1146-65-2	Naphthalene-d8	934164	10.457				
15067-26-2	Acenaphthene-d10	613178	14.31				
1517-22-2	Phenanthrene-d10	1222871	17.134				
1719-03-5	Chrysene-d12	1050706	21.586				
1520-96-3	Perylene-d12	1266423	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	610	J			3.028	
	unknown-01	540	J			3.752	
022146-25-4	Allyldimethyl(vinyl)silane	140	J			4.505	
005076-20-0	Oxirane, tetramethyl-	300	J			4.964	
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	150	J			5.728	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.198	
000501-94-0	Benzeneethanol, 4-hydroxy-	440	J			13.487	
	(DEL) Alkane: Straight-Chain16.069	130	J			16.069	
000520-43-4	Benzoic acid, 2-hydroxy-4-methoxy-	220	J			16.845	
000544-63-8	Tetradecanoic acid	180	J			17.034	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	300	J			17.745	
000506-12-7	Heptadecanoic acid	130	J			17.798	
000373-49-9	Palmitoleic acid	290	J			17.939	
010030-73-6	(E)-Hexadec-9-enoic acid	960	J			17.998	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	520	J			18.233	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	260	J			18.292	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	130	J			18.339	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BP071724
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021037.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	130	J			18.522	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.557	
000084-65-1	9,10-Anthracenedione	150	J			18.616	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	500	J			19.086	
041464-46-4	1,1-Biphenyl, 2,3,4,6-tetrachlo	650	J			19.122	
000057-11-4	Octadecanoic acid	350	J			19.398	
056558-17-9	1,1-Biphenyl, 2,3,4,4,6-Pentach	100	J			19.475	
074472-35-8	1,1-Biphenyl, 2,3,3,4,6-Pentachl	110	J			19.869	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	98	J			20.528	
	(DEL) Alkane: Straight-Chain21.233	700	J			21.233	
000544-77-4	Hexadecane, 1-iodo-	310	J			22.422	
	(DEL) Alkane: Straight-Chain23.980	1200	J			23.98	
018206-97-8	Octacosyl acetate	880	J			24.068	
	(DEL) Alkane: Straight-Chain26.139	2100	J			26.139	
E966796	Total Alkanes	4100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BP071724
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021038.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.8	210	ug/Kg
91-20-3	Naphthalene	61	J	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	J	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BP071724
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021038.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	170	J	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	63	J	35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	47	J	39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	71	J	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	960		35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	290		30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	120	J	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	1900		66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BP071724
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021038.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1100		33	51.8	210	ug/Kg
218-01-9	Chrysene	1300		38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	490		120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	630		46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	420		39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	J	32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.62		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	8.262		20-120		21	SPK: -40
4165-62-2	Phenol-d5	26.162		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.506		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.062		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	23.253		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.092		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.625		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.359		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.558		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.932		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.155		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	31.483		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BP071724
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021038.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.593		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	30.916		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	19.026		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.694		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233852	7.693				
1146-65-2	Naphthalene-d8	931207	10.457				
15067-26-2	Acenaphthene-d10	591604	14.304				
1517-22-2	Phenanthrene-d10	1135874	17.128				
1719-03-5	Chrysene-d12	993363	21.598				
1520-96-3	Perylene-d12	1229043	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	530	J			3.04	
	unknown-01	340	J			3.758	
055724-04-4	2-Pentanol, 5-methoxy-2-methyl-	98	J			4.511	
056960-89-5	Guanidine, monothiocyanate	260	J			4.969	
000770-35-4	1-Phenoxypropan-2-ol	85	J			11.198	
000501-94-0	Benzeneethanol, 4-hydroxy-	690	J			13.487	
039029-41-9	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	200	J			14.545	
034874-76-5	Benzoic acid, 3-formyl-4,6-dihydro	230	J			16.845	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	960	J			17.739	
002416-20-8	Hexadecenoic acid, Z-11-	840	J			18.016	
068194-04-7	2,2,4,6-Tetrachloro-1,1-bipheny	2200	J			18.233	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	1400	J			18.298	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	750	J			18.339	
041464-39-5	1,1-Biphenyl, 2,2,3,5-tetrachlo	1000	J			18.528	
070362-49-1	3,3,4,5-Tetrachloro-1,1-biphenyl	480	J			18.716	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	2800	J			19.098	
073575-53-8	2,3,4,5-Tetrachloro-1,1-biphenyl	2200	J			19.139	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BP071724
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021038.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
052663-61-3	1,1-Biphenyl, 2,2,3,5,5-pentach	1600	J			19.422	
032598-14-4	1,1-Biphenyl, 2,3,3,4,4-pentach	980	J			19.48	
037680-73-2	1,1-Biphenyl, 2,2,4,5,5-pentach	1200	J			19.886	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	810	J			20.216	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ4	SDG No.:	BP071724
Lab Sample ID:	P3215-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021039.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.2	93	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	60	U	60	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.5	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	84	U	84	120	460	ug/Kg
98-86-2	Acetophenone	56	U	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	59.5	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.5	240	ug/Kg
98-95-3	Nitrobenzene	43	U	43	59.5	240	ug/Kg
78-59-1	Isophorone	67	U	67	59.5	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	59.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	59.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	59.5	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.5	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.5	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.5	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.5	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ4	SDG No.:	BP071724
Lab Sample ID:	P3215-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021039.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	59.5	240	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	59.5	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.5	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.5	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	70	J	41	59.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	67	U	67	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	59.5	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.5	240	ug/Kg
86-73-7	Fluorene	80	J	35	59.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.5	240	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.5	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.5	240	ug/Kg
1912-24-9	Atrazine	99	U	99	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	970		41	59.5	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.5	240	ug/Kg
120-12-7	Anthracene	190	J	35	59.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.5	240	ug/Kg
86-74-8	Carbazole	91	J	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	85	U	85	59.5	240	ug/Kg
206-44-0	Fluoranthene	1200		76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ4	SDG No.:	BP071724
Lab Sample ID:	P3215-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021039.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		69	59.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	610		38	59.5	240	ug/Kg
218-01-9	Chrysene	690		43	59.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	430		130	59.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		46	59.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		53	59.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	350		45	59.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		43	59.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	39	59.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	59.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.255		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.982		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.313		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.512		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.46		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.099		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.461		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.623		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.302		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.13		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.256		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.273		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	26.001		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ4	SDG No.:	BP071724
Lab Sample ID:	P3215-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021039.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.991		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	26.537		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	20.926		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.92		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210135	7.699				
1146-65-2	Naphthalene-d8	906783	10.469				
15067-26-2	Acenaphthene-d10	603246	14.322				
1517-22-2	Phenanthrene-d10	1217636	17.145				
1719-03-5	Chrysene-d12	1113048	21.592				
1520-96-3	Perylene-d12	1319403	24.921				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	1200	J			14.546	
000057-11-4	Octadecanoic acid	110	J			16.534	
058130-58-8	2,3-Dihydro farnesyl acetate	110	J			17.651	
000057-10-3	n-Hexadecanoic acid	530	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			18.245	
000832-64-4	Phenanthrene, 4-methyl-	130	J			18.292	
023017-97-2	Cholest-4-en-26-oic acid, 3-oxo-	380	J			18.434	
000084-65-1	9,10-Anthracenedione	170	J			18.622	
000058-22-0	Testosterone	310	J			18.698	
000781-43-1	9,10-Dimethylanthracene	180	J			18.816	
	unknown-02	110	J			19.057	
155056-69-2	1,12-Bis(2-nitrophenoxy)dodecane	120	J			19.222	
000334-48-5	n-Decanoic acid	110	J			19.404	
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobe	150	J			19.486	
1000373-94-5	1,1,6-trimethyl-3-methylene-2-(3,6	94	J			19.516	
002381-21-7	Pyrene, 1-methyl-	170	J			20.286	
067064-62-4	8,9,10,11-Tetrahydrobenz[a]anthrac	99	J			20.322	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ4	SDG No.:	BP071724
Lab Sample ID:	P3215-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021039.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
086917-79-5	6-Isopropenyl-4,8a-dimethyl-4a,5,6	150	J			20.369	
301643-32-3	Cyclohexene, 4-(4-ethylcyclohexyl)	110	J			20.539	
1000195-85-4	1-Isopropenyl-4,5-dimethylbicyclo[	380	J			22.475	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D26	SDG No.:	BP071724
Lab Sample ID:	P3215-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021040.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	87.3	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	46	U	46	87.3	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	87.3	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.3	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	87.3	350	ug/Kg
98-86-2	Acetophenone	42	U	42	87.3	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	87.3	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45	180	ug/Kg
78-59-1	Isophorone	51	U	51	45	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	45	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45	180	ug/Kg
91-20-3	Naphthalene	54	J	26	45	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	45	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45	180	ug/Kg
105-60-2	Caprolactam	76	U	76	87.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45	180	ug/Kg
90-12-0	1-Methylnaphthalene	75	J	35	45	180	ug/Kg
91-57-6	2-Methylnaphthalene	74	J	24	45	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.3	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	45	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D26	SDG No.:	BP071724
Lab Sample ID:	P3215-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021040.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	45	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	45	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	87.3	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	87.3	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.3	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45	180	ug/Kg
86-73-7	Fluorene	26	U	26	45	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	87.3	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	87.3	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	45	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45	180	ug/Kg
1912-24-9	Atrazine	75	U	75	87.3	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	87.3	350	ug/Kg
85-01-8	Phenanthrene	290		31	45	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45	180	ug/Kg
120-12-7	Anthracene	37	J	26	45	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45	180	ug/Kg
86-74-8	Carbazole	30	U	30	87.3	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45	180	ug/Kg
206-44-0	Fluoranthene	390		57	87.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D26	SDG No.:	BP071724
Lab Sample ID:	P3215-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021040.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230		52	45	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	45	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	87.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	200		29	45	180	ug/Kg
218-01-9	Chrysene	320		33	45	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	87.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		35	45	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	J	40	45	180	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	34	45	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	J	33	45	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	J	30	45	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.037		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.893	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	23.285		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.184		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.049		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.709		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	25.146		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.959		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.895		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.822		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.609		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.406		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.495		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.375		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D26	SDG No.:	BP071724
Lab Sample ID:	P3215-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021040.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.31		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	27.346		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	18.686		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.598		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217983	7.699				
1146-65-2	Naphthalene-d8	907226	10.469				
15067-26-2	Acenaphthene-d10	592386	14.316				
1517-22-2	Phenanthrene-d10	1191674	17.139				
1719-03-5	Chrysene-d12	1016372	21.592				
1520-96-3	Perylene-d12	1225911	24.915				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	170	J			3.04	
004254-14-2	R-(-)-1,2-propanediol	75	J			3.54	
	unknown-01	280	J			3.764	
004292-75-5	Cyclohexane, hexyl-	80	J			11.14	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.21	
	(DEL) Alkane: Straight-Chain11.451	90	J			11.451	
	(DEL) Alkane: Straight-Chain13.110	90	J			13.11	
000581-40-8	Naphthalene, 2,3-dimethyl-	100	J			13.64	
	(DEL) Alkane: Straight-Chain14.204	75	J			14.204	
	unknown-02	180	J			14.545	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	120	J			14.734	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	85	J			14.951	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	110	J			15.116	
	(DEL) Alkane: Straight-Chain15.169	83	J			15.169	
001689-64-1	9H-Fluoren-9-ol	110	J			15.704	
	(DEL) Alkane: Straight-Chain16.075	260	J			16.075	
000092-81-9	Acridine, 9,10-dihydro-	99	J			16.786	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D26	SDG No.:	BP071724
Lab Sample ID:	P3215-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021040.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
019218-94-1	Tetradecane, 1-iodo-	140	J			16.869	
	(DEL) Alkane: Straight-Chain17.634	93	J			17.634	
000613-12-7	Anthracene, 2-methyl-	150	J			18.045	
000057-10-3	n-Hexadecanoic acid	700	J			18.075	
000832-69-9	Phenanthrene, 1-methyl-	150	J			18.233	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b-dihydro100		J			18.286	
	(DEL) Alkane: Straight-Chain18.351	120	J			18.351	
093327-56-1	6-Phenylbenzocyclohepten-7-one	84	J			18.557	
001576-69-8	Phenanthrene, 2,7-dimethyl-	74	J			18.869	
003674-66-6	Phenanthrene, 2,5-dimethyl-	280	J			19.004	
000613-59-2	Naphthalene, 2-(phenylmethyl)-	130	J			19.339	
002381-21-7	Pyrene, 1-methyl-	360	J			19.992	
1000298-98-3	(1R,2S,8R,8Ar)-8-hydroxy-1-(2-hydr	170	J			20.674	
1000194-70-7	2,6,10,15,19,23-Hexamethyl-tetraco	120	J			20.698	
1000406-04-8	Pentadecafluorooctanoic acid, octa	900	J			21.227	
001454-84-8	n-Nonadecanol-1	540	J			22.463	
	(DEL) Alkane: Straight-Chain23.986	710	J			23.986	
	(DEL) Alkane: Straight-Chain26.133	660	J			26.133	
E966796	Total Alkanes	2200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00	SDG No.:	BP071724
Lab Sample ID:	P3215-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021041.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
108-95-2	Phenol	55	U	55	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.8	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.8	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.8	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.8	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.8	220	ug/Kg
91-20-3	Naphthalene	340		32	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.8	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	64	J	43	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	30	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00	SDG No.:	BP071724
Lab Sample ID:	P3215-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021041.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.8	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	420		37	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	370		41	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.8	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.8	220	ug/Kg
86-73-7	Fluorene	570		32	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.8	220	ug/Kg
1912-24-9	Atrazine	92	U	92	110	430	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	430	ug/Kg
85-01-8	Phenanthrene	5100	E	37	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.8	220	ug/Kg
120-12-7	Anthracene	1100		32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.8	220	ug/Kg
86-74-8	Carbazole	670		36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	54.8	220	ug/Kg
206-44-0	Fluoranthene	5100	E	70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00	SDG No.:	BP071724
Lab Sample ID:	P3215-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021041.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2800		63	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	2200		35	54.8	220	ug/Kg
218-01-9	Chrysene	2100		40	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		43	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	680		41	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		40	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		36	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95	J	34	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.997		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.68	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	17.928		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.303		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.604		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	2.94	*	10-140		7	SPK: -40
4165-60-0	Nitrobenzene-d5	22.764		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.461		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.466		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.775		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.11		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.832		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.22		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.163		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00	SDG No.:	BP071724
Lab Sample ID:	P3215-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021041.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.718		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	23.517		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	17.404		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.488		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219249	7.699				
1146-65-2	Naphthalene-d8	902178	10.457				
15067-26-2	Acenaphthene-d10	603714	14.316				
1517-22-2	Phenanthrene-d10	1287576	17.128				
1719-03-5	Chrysene-d12	1109008	21.598				
1520-96-3	Perylene-d12	1344448	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	520	J			3.028	
	unknown-01	780	J			3.752	
	(DEL) Alkane: Straight-Chain3.822	120	J			3.822	
	unknown-02	200	J			4.505	
056960-89-5	Guanidine, monothiocyanate	160	J			4.963	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.198	
	unknown-03	2200	J			14.54	
007320-53-8	Dibenzofuran, 4-methyl-	88	J			15.687	
001689-64-1	9H-Fluoren-9-ol	100	J			15.834	
001430-97-3	9H-Fluorene, 2-methyl-	130	J			16.41	
000486-25-9	9H-Fluoren-9-one	170	J			16.781	
000132-65-0	Dibenzothiophene	310	J			16.945	
000260-94-6	Acridine	110	J			17.333	
002531-84-2	Phenanthrene, 2-methyl-	310	J			18.033	
000832-69-9	Phenanthrene, 1-methyl-	690	J			18.086	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b-dihydro120		J			18.175	
000203-64-5	4H-Cyclopenta[def]phenanthrene	830	J			18.245	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C00	SDG No.:	BP071724
Lab Sample ID:	P3215-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021041.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-64-4	Phenanthrene, 4-methyl-	180	J			18.281	
000612-94-2	Naphthalene, 2-phenyl-	330	J			18.557	
000084-65-1	9,10-Anthracenedione	410	J			18.622	
003674-66-6	Phenanthrene, 2,5-dimethyl-	150	J			18.992	
000081-84-5	Naphthalic anhydride	190	J			19.039	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.157	
002381-21-7	Pyrene, 1-methyl-	89	J			19.998	
000238-84-6	11H-Benzo[a]fluorene	120	J			20.174	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.969	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			21.157	
000225-11-6	Benzo(a)acridine	160	J			21.263	
000082-05-3	7H-Benz[de]anthracen-7-one	88	J			21.322	
E966796	Total Alkanes	120				99	ug/Kg



Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BS9								
P3178-04	A4BS9	Solid	1-Heneicosyl formate	*	250.000	J		
P3178-04	A4BS9	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P3178-04	A4BS9	Solid	n-Hexadecanoic acid	*	240.000	J		
P3178-04	A4BS9	Solid	Total Alkanes	*	0.000	37	260	ug/Kg
Total Tics :				680.00				
Total Concentration:				680.00				
Client ID : A4BD3								
P3215-01	A4BD3	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3215-01	A4BD3	Solid	Ethanol, 2-(tetradecyloxy)-	*	290.000	J		
P3215-01	A4BD3	Solid	n-Hexadecanoic acid	*	260.000	J		
P3215-01	A4BD3	Solid	Octadecanoic acid	*	82.000	J		
P3215-01	A4BD3	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				792.00				
P3215-01	A4BD3	Solid	Benzo(a)anthracene		130.000	J	30	190 ug/Kg
P3215-01	A4BD3	Solid	Benzo(a)pyrene		52.000	J	36	190 ug/Kg
P3215-01	A4BD3	Solid	Benzo(b)fluoranthene		180.000	J	37	190 ug/Kg
P3215-01	A4BD3	Solid	Benzo(k)fluoranthene		74.000	J	43	190 ug/Kg
P3215-01	A4BD3	Solid	Chrysene		160.000	J	35	190 ug/Kg
P3215-01	A4BD3	Solid	Fluoranthene		270.000		61	190 ug/Kg
P3215-01	A4BD3	Solid	Indeno(1,2,3-cd)pyrene		43.000	J	35	190 ug/Kg
P3215-01	A4BD3	Solid	Phenanthrene		150.000	J	33	190 ug/Kg
P3215-01	A4BD3	Solid	Pyrene		160.000	J	55	190 ug/Kg
Total Svoc :				1,219.00				
Total Concentration:				2,011.00				
Client ID : A4BD4								
P3215-02	A4BD4	Solid	(DEL) Alkane: Straight-Chain21.2	*	250.000	J		
P3215-02	A4BD4	Solid	1-Phenoxypropan-2-ol	*	260.000	J		
P3215-02	A4BD4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	100.000	J		
P3215-02	A4BD4	Solid	n-Hexadecanoic acid	*	310.000	J		
P3215-02	A4BD4	Solid	Octadecanoic acid	*	110.000	J		
P3215-02	A4BD4	Solid	Propylene Glycol	*	150.000	J		
P3215-02	A4BD4	Solid	unknown-01	*	84.000	J		
P3215-02	A4BD4	Solid	Total Alkanes	*	250.000	27	190	ug/Kg
Total Tics :				1,514.00				
Total Concentration:				1,514.00				
Client ID : A4C00								

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-03	A4C00	Solid	(DEL) Alkane: Straight-Chain3.82 *	120.000	J			
P3215-03	A4C00	Solid	1-Phenoxypropan-2-ol *	180.000	J			
P3215-03	A4C00	Solid	11H-Benzo[a]fluoren-11-one *	130.000	J			
P3215-03	A4C00	Solid	11H-Benzo[a]fluorene *	120.000	J			
P3215-03	A4C00	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	120.000	J			
P3215-03	A4C00	Solid	3-Penten-2-ol *	520.000	J			
P3215-03	A4C00	Solid	4H-Cyclopenta[def]phenanthrene *	830.000	J			
P3215-03	A4C00	Solid	7H-Benz[de]anthracen-7-one *	88.000	J			
P3215-03	A4C00	Solid	9,10-Anthracenedione *	410.000	J			
P3215-03	A4C00	Solid	9H-Fluoren-9-ol *	100.000	J			
P3215-03	A4C00	Solid	9H-Fluoren-9-one *	170.000	J			
P3215-03	A4C00	Solid	9H-Fluorene, 2-methyl- *	130.000	J			
P3215-03	A4C00	Solid	Acridine *	110.000	J			
P3215-03	A4C00	Solid	Benzo(a)acridine *	160.000	J			
P3215-03	A4C00	Solid	Benzo[b]naphtho[2,1-d]thiophene *	110.000	J			
P3215-03	A4C00	Solid	Cyclopenta(def)phenanthrenone *	180.000	J			
P3215-03	A4C00	Solid	Dibenzofuran, 4-methyl- *	88.000	J			
P3215-03	A4C00	Solid	Dibenzothiophene *	310.000	J			
P3215-03	A4C00	Solid	Guanidine, monothiocyanate *	160.000	J			
P3215-03	A4C00	Solid	Naphthalene, 2-phenyl- *	330.000	J			
P3215-03	A4C00	Solid	Naphthalic anhydride *	190.000	J			
P3215-03	A4C00	Solid	Phenanthrene, 1-methyl- *	690.000	J			
P3215-03	A4C00	Solid	Phenanthrene, 2,5-dimethyl- *	150.000	J			
P3215-03	A4C00	Solid	Phenanthrene, 2-methyl- *	310.000	J			
P3215-03	A4C00	Solid	Phenanthrene, 4-methyl- *	180.000	J			
P3215-03	A4C00	Solid	Pyrene, 1-methyl- *	89.000	J			
P3215-03	A4C00	Solid	unknown-01 *	780.000	J			
P3215-03	A4C00	Solid	unknown-02 *	200.000	J			
P3215-03	A4C00	Solid	unknown-03 *	2,200.000	J			
P3215-03	A4C00	Solid	Total Alkanes *	120.000		31	220	ug/Kg
Total Tics :				9,275.00				
P3215-03	A4C00	Solid	1-Methylnaphthalene	64.000	J	43	220	ug/Kg
P3215-03	A4C00	Solid	2-Methylnaphthalene	110.000	J	30	220	ug/Kg
P3215-03	A4C00	Solid	Acenaphthene	420.000		37	220	ug/Kg
P3215-03	A4C00	Solid	Anthracene	1,100.000		32	220	ug/Kg
P3215-03	A4C00	Solid	Benzo(a)anthracene	2,200.000		35	220	ug/Kg
P3215-03	A4C00	Solid	Benzo(a)pyrene	680.000		41	220	ug/Kg
P3215-03	A4C00	Solid	Benzo(b)fluoranthene	2,400.000		43	220	ug/Kg
P3215-03	A4C00	Solid	Benzo(g,h,i)perylene	95.000	J	34	220	ug/Kg
P3215-03	A4C00	Solid	Benzo(k)fluoranthene	920.000		49	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-03	A4C00	Solid	Carbazole	670.000		36	430	ug/Kg
P3215-03	A4C00	Solid	Chrysene	2,100.000		40	220	ug/Kg
P3215-03	A4C00	Solid	Dibenzo(a,h)anthracene	300.000		36	220	ug/Kg
P3215-03	A4C00	Solid	Dibenzofuran	370.000		41	220	ug/Kg
P3215-03	A4C00	Solid	Fluoranthene	5,100.000	E	70	220	ug/Kg
P3215-03	A4C00	Solid	Fluorene	570.000		32	220	ug/Kg
P3215-03	A4C00	Solid	Indeno(1,2,3-cd)pyrene	560.000		40	220	ug/Kg
P3215-03	A4C00	Solid	Naphthalene	340.000		32	220	ug/Kg
P3215-03	A4C00	Solid	Phenanthrene	5,100.000	E	37	220	ug/Kg
P3215-03	A4C00	Solid	Pyrene	2,800.000		63	220	ug/Kg

Total Svoc : 25,899.00

Total Concentration: 35,174.00

Client ID : A4C02

P3215-04	A4C02	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	220.000	J
P3215-04	A4C02	Solid	1,1-Biphenyl, 2,2-dichloro-	*	120.000	J
P3215-04	A4C02	Solid	1,1-Biphenyl, 2,3,5,5-tetrachlo	*	360.000	J
P3215-04	A4C02	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	200.000	J
P3215-04	A4C02	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	270.000	J
P3215-04	A4C02	Solid	1-Phenoxypropan-2-ol	*	190.000	J
P3215-04	A4C02	Solid	11H-Benzo[a]fluorene	*	270.000	J
P3215-04	A4C02	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	190.000	J
P3215-04	A4C02	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	160.000	J
P3215-04	A4C02	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	150.000	J
P3215-04	A4C02	Solid	3-Penten-2-ol	*	550.000	J
P3215-04	A4C02	Solid	4H-Cyclopenta[def]phenanthrene	*	890.000	J
P3215-04	A4C02	Solid	5H-Dibenzo[a,d]cycloheptene	*	300.000	J
P3215-04	A4C02	Solid	9,10-Anthracenedione	*	250.000	J
P3215-04	A4C02	Solid	9H-Fluoren-9-one	*	120.000	J
P3215-04	A4C02	Solid	9H-Fluorene, 3-methyl-	*	120.000	J
P3215-04	A4C02	Solid	Acetamide	*	150.000	J
P3215-04	A4C02	Solid	Benzo[e]pyrene	*	440.000	J
P3215-04	A4C02	Solid	Dibenzofuran, 4-methyl-	*	140.000	J
P3215-04	A4C02	Solid	Dibenzothiophene	*	190.000	J
P3215-04	A4C02	Solid	n-Hexadecanoic acid	*	1,300.000	J
P3215-04	A4C02	Solid	Naphthalene, 2-phenyl-	*	310.000	J
P3215-04	A4C02	Solid	Nonadecane	*	500.000	J
P3215-04	A4C02	Solid	Phenanthrene, 2,5-dimethyl-	*	280.000	J
P3215-04	A4C02	Solid	Phenanthrene, 2-methyl-	*	630.000	J
P3215-04	A4C02	Solid	Phenanthrene, 4,5-dimethyl-	*	160.000	J
P3215-04	A4C02	Solid	Pregn-5-en-3-ol, 21-bromo-20-me	*	890.000	J

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-04	A4C02	Solid	unknown-01	*	570.000	J		
P3215-04	A4C02	Solid	unknown-02	*	210.000	J		
P3215-04	A4C02	Solid	unknown-03	*	340.000	J		
P3215-04	A4C02	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				10,470.00				
P3215-04	A4C02	Solid	1-Methylnaphthalene		56.000	J 38	200	ug/Kg
P3215-04	A4C02	Solid	2-Methylnaphthalene		70.000	J 26	200	ug/Kg
P3215-04	A4C02	Solid	Acenaphthene		290.000	33	200	ug/Kg
P3215-04	A4C02	Solid	Acenaphthylene		160.000	J 37	200	ug/Kg
P3215-04	A4C02	Solid	Anthracene		820.000	29	200	ug/Kg
P3215-04	A4C02	Solid	Benzo(a)anthracene		2,200.000	31	200	ug/Kg
P3215-04	A4C02	Solid	Benzo(a)pyrene		800.000	37	200	ug/Kg
P3215-04	A4C02	Solid	Benzo(b)fluoranthene		2,500.000	38	200	ug/Kg
P3215-04	A4C02	Solid	Benzo(g,h,i)perylene		100.000	J 30	200	ug/Kg
P3215-04	A4C02	Solid	Benzo(k)fluoranthene		1,100.000	44	200	ug/Kg
P3215-04	A4C02	Solid	Bis(2-ethylhexyl)phthalate		170.000	J 110	200	ug/Kg
P3215-04	A4C02	Solid	Carbazole		320.000	J 32	380	ug/Kg
P3215-04	A4C02	Solid	Chrysene		2,300.000	36	200	ug/Kg
P3215-04	A4C02	Solid	Dibenzo(a,h)anthracene		350.000	32	200	ug/Kg
P3215-04	A4C02	Solid	Dibenzofuran		190.000	J 37	200	ug/Kg
P3215-04	A4C02	Solid	Fluoranthene		4,400.000	E 62	200	ug/Kg
P3215-04	A4C02	Solid	Fluorene		320.000	29	200	ug/Kg
P3215-04	A4C02	Solid	Indeno(1,2,3-cd)pyrene		640.000	36	200	ug/Kg
P3215-04	A4C02	Solid	Naphthalene		98.000	J 29	200	ug/Kg
P3215-04	A4C02	Solid	Phenanthrene		3,500.000	E 33	200	ug/Kg
P3215-04	A4C02	Solid	Pyrene		2,500.000	56	200	ug/Kg
Total Svoc :				22,884.00				
Total Concentration:				33,354.00				
Client ID :	A4C08							
P3215-05	A4C08	Solid	(3,3-Dimethyloxiranyl)methanol	*	190.000	J		
P3215-05	A4C08	Solid	(DEL) Alkane: Straight-Chain22.4	*	200.000	J		
P3215-05	A4C08	Solid	(DEL) Alkane: Straight-Chain22.4	*	190.000	J		
P3215-05	A4C08	Solid	(DEL) Alkane: Straight-Chain23.5	*	700.000	J		
P3215-05	A4C08	Solid	(DEL) Alkane: Straight-Chain26.1	*	750.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	410.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo	*	220.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,2,6,6-tetrachloro-	*	290.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	620.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,3,4,4-tetrachlor	*	380.000	J		
P3215-05	A4C08	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	740.000	J		

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-05	A4C08	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P3215-05	A4C08	Solid	11H-Benzo[b]fluorene	*	270.000	J		
P3215-05	A4C08	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	880.000	J		
P3215-05	A4C08	Solid	2,2,4,6-Tetrachloro-1,1-biphenyl	*	120.000	J		
P3215-05	A4C08	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	180.000	J		
P3215-05	A4C08	Solid	2,4,6-Trichloro-1,1-biphenyl	*	120.000	J		
P3215-05	A4C08	Solid	2-Hexene, 1-methoxy-, (E)-	*	490.000	J		
P3215-05	A4C08	Solid	9,10-Anthracenedione	*	170.000	J		
P3215-05	A4C08	Solid	9H-Fluoren-9-one	*	110.000	J		
P3215-05	A4C08	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	420.000	J		
P3215-05	A4C08	Solid	Dibenzothiophene	*	120.000	J		
P3215-05	A4C08	Solid	n-Hexadecanoic acid	*	880.000	J		
P3215-05	A4C08	Solid	Naphthalene, 2-phenyl-	*	200.000	J		
P3215-05	A4C08	Solid	Octacosyl acetate	*	850.000	J		
P3215-05	A4C08	Solid	Pentadecafluorooctanoic acid, hex	*	260.000	J		
P3215-05	A4C08	Solid	Pentan-2-yl 2-methylbutanoate	*	150.000	J		
P3215-05	A4C08	Solid	Phenanthrene, 2,5-dimethyl-	*	200.000	J		
P3215-05	A4C08	Solid	Phenanthrene, 2-methyl-	*	300.000	J		
P3215-05	A4C08	Solid	Phenanthrene, 4,5-dimethyl-	*	120.000	J		
P3215-05	A4C08	Solid	Pyrene, 1-methyl-	*	110.000	J		
P3215-05	A4C08	Solid	Silane, ethenyltrimethyl-	*	150.000	J		
P3215-05	A4C08	Solid	unknown-01	*	740.000	J		
P3215-05	A4C08	Solid	unknown-02	*	190.000	J		
P3215-05	A4C08	Solid	Total Alkanes	*	1,800.000	27	190	ug/Kg
Total Tics :				13,700.00				
P3215-05	A4C08	Solid	1-Methylnaphthalene		44.000	J	37	190 ug/Kg
P3215-05	A4C08	Solid	2-Methylnaphthalene		54.000	J	26	190 ug/Kg
P3215-05	A4C08	Solid	Acenaphthene		190.000		33	190 ug/Kg
P3215-05	A4C08	Solid	Acenaphthylene		100.000	J	36	190 ug/Kg
P3215-05	A4C08	Solid	Anthracene		460.000		28	190 ug/Kg
P3215-05	A4C08	Solid	Benzo(a)anthracene		1,500.000		30	190 ug/Kg
P3215-05	A4C08	Solid	Benzo(a)pyrene		520.000		36	190 ug/Kg
P3215-05	A4C08	Solid	Benzo(b)fluoranthene		1,800.000		37	190 ug/Kg
P3215-05	A4C08	Solid	Benzo(g,h,i)perylene		71.000	J	29	190 ug/Kg
P3215-05	A4C08	Solid	Benzo(k)fluoranthene		660.000		43	190 ug/Kg
P3215-05	A4C08	Solid	Bis(2-ethylhexyl)phthalate		270.000		110	190 ug/Kg
P3215-05	A4C08	Solid	Carbazole		240.000	J	31	370 ug/Kg
P3215-05	A4C08	Solid	Chrysene		1,600.000		35	190 ug/Kg
P3215-05	A4C08	Solid	Di-n-butylphthalate		130.000	J	68	190 ug/Kg
P3215-05	A4C08	Solid	Dibenzo(a,h)anthracene		230.000		31	190 ug/Kg

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-05	A4C08	Solid	Dibenzofuran	120.000	J	36	190	ug/Kg
P3215-05	A4C08	Solid	Fluoranthene	2,900.000		61	190	ug/Kg
P3215-05	A4C08	Solid	Fluorene	190.000		28	190	ug/Kg
P3215-05	A4C08	Solid	Indeno(1,2,3-cd)pyrene	440.000		35	190	ug/Kg
P3215-05	A4C08	Solid	Naphthalene	83.000	J	28	190	ug/Kg
P3215-05	A4C08	Solid	Phenanthrene	2,300.000		33	190	ug/Kg
P3215-05	A4C08	Solid	Pyrene	1,700.000		55	190	ug/Kg
Total Svoc :				15,602.00				
Total Concentration:				29,302.00				

Client ID : A4C09

P3215-06	A4C09	Solid	(DEL) Alkane: Straight-Chain26.1 *	2,000.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,2,3,4-tetrachloro- *	300.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo *	1,200.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo *	530.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo *	510.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,3,3-trichloro- *	130.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	830.000	J			
P3215-06	A4C09	Solid	1,1-Biphenyl, 3,3,4,4-tetrachlo *	490.000	J			
P3215-06	A4C09	Solid	1-Heneicosanol *	120.000	J			
P3215-06	A4C09	Solid	1-Phenoxypropan-2-ol *	140.000	J			
P3215-06	A4C09	Solid	11H-Benzo[a]fluoren-11-one *	120.000	J			
P3215-06	A4C09	Solid	11H-Benzo[b]fluorene *	250.000	J			
P3215-06	A4C09	Solid	1H-Indene, 2-phenyl- *	390.000	J			
P3215-06	A4C09	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl *	210.000	J			
P3215-06	A4C09	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	330.000	J			
P3215-06	A4C09	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl *	720.000	J			
P3215-06	A4C09	Solid	3,3,4,5-Tetrachloro-1,1-biphenyl *	190.000	J			
P3215-06	A4C09	Solid	3-Penten-2-ol *	480.000	J			
P3215-06	A4C09	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	440.000	J			
P3215-06	A4C09	Solid	7H-Benz[de]anthracen-7-one *	120.000	J			
P3215-06	A4C09	Solid	9,10-Anthracenedione *	600.000	J			
P3215-06	A4C09	Solid	9H-Fluoren-9-one *	230.000	J			
P3215-06	A4C09	Solid	Anthracene, 1,2,3,4-tetrahydro- *	160.000	J			
P3215-06	A4C09	Solid	Anthracene, 2-ethyl- *	150.000	J			
P3215-06	A4C09	Solid	Dibenzothiophene *	220.000	J			
P3215-06	A4C09	Solid	Guanidine, monothiocyanate *	200.000	J			
P3215-06	A4C09	Solid	n-Hexadecanoic acid *	550.000	J			
P3215-06	A4C09	Solid	Pentadecafluorooctanoic acid, hex *	260.000	J			
P3215-06	A4C09	Solid	Phenanthrene, 2,5-dimethyl- *	230.000	J			
P3215-06	A4C09	Solid	Pyrene, 1-methyl- *	140.000	J			

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-06	A4C09	Solid	unknown-01	*	780.000	J		
P3215-06	A4C09	Solid	Total Alkanes	*	2,000.000	28	200	ug/Kg
Total Tics :				15,020.00				
P3215-06	A4C09	Solid	1-Methylnaphthalene	85.000	J	38	200	ug/Kg
P3215-06	A4C09	Solid	2-Methylnaphthalene	120.000	J	27	200	ug/Kg
P3215-06	A4C09	Solid	Acenaphthene	440.000		34	200	ug/Kg
P3215-06	A4C09	Solid	Acenaphthylene	140.000	J	37	200	ug/Kg
P3215-06	A4C09	Solid	Anthracene	700.000		29	200	ug/Kg
P3215-06	A4C09	Solid	Benzo(a)anthracene	2,200.000		31	200	ug/Kg
P3215-06	A4C09	Solid	Benzo(a)pyrene	790.000		37	200	ug/Kg
P3215-06	A4C09	Solid	Benzo(b)fluoranthene	2,500.000		38	200	ug/Kg
P3215-06	A4C09	Solid	Benzo(g,h,i)perylene	99.000	J	30	200	ug/Kg
P3215-06	A4C09	Solid	Benzo(k)fluoranthene	1,100.000		44	200	ug/Kg
P3215-06	A4C09	Solid	Bis(2-ethylhexyl)phthalate	270.000		110	200	ug/Kg
P3215-06	A4C09	Solid	Carbazole	430.000		32	380	ug/Kg
P3215-06	A4C09	Solid	Chrysene	2,300.000		36	200	ug/Kg
P3215-06	A4C09	Solid	Di-n-butylphthalate	71.000	J	71	200	ug/Kg
P3215-06	A4C09	Solid	Dibenzo(a,h)anthracene	350.000		32	200	ug/Kg
P3215-06	A4C09	Solid	Dibenzofuran	300.000		37	200	ug/Kg
P3215-06	A4C09	Solid	Fluoranthene	4,200.000	E	63	200	ug/Kg
P3215-06	A4C09	Solid	Fluorene	390.000		29	200	ug/Kg
P3215-06	A4C09	Solid	Indeno(1,2,3-cd)pyrene	660.000		36	200	ug/Kg
P3215-06	A4C09	Solid	Naphthalene	280.000		29	200	ug/Kg
P3215-06	A4C09	Solid	Phenanthrene	4,000.000	E	34	200	ug/Kg
P3215-06	A4C09	Solid	Pyrene	2,400.000		57	200	ug/Kg
Total Svoc :				23,825.00				
Total Concentration:				38,845.00				

Client ID : A4C12

P3215-07	A4C12	Solid	(DEL) Alkane: Cyclic21.216	*	310.000	J		
P3215-07	A4C12	Solid	(DEL) Alkane: Straight-Chain16.0	*	79.000	J		
P3215-07	A4C12	Solid	(DEL) Alkane: Straight-Chain21.7	*	82.000	J		
P3215-07	A4C12	Solid	(DEL) Alkane: Straight-Chain22.4	*	110.000	J		
P3215-07	A4C12	Solid	(DEL) Alkane: Straight-Chain23.5	*	650.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,3,4-tetrachloro-	*	330.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,4,4,5-pentach	*	110.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	390.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo	*	590.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo	*	220.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	1,000.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,3,3,4,4-pentach	*	110.000	J		

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,3,3,4,6-pentach	*	120.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	160.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	900.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,3,4,6-Tetrachlor	*	170.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	730.000	J		
P3215-07	A4C12	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	680.000	J		
P3215-07	A4C12	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3215-07	A4C12	Solid	11H-Benzo[a]fluoren-11-one	*	92.000	J		
P3215-07	A4C12	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P3215-07	A4C12	Solid	2,2,3,4,6-Pentachloro-1,1-biphe	*	220.000	J		
P3215-07	A4C12	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	450.000	J		
P3215-07	A4C12	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	390.000	J		
P3215-07	A4C12	Solid	2H-Pyran, tetrahydro-2-methyl-	*	340.000	J		
P3215-07	A4C12	Solid	3,3,4,4,,5-Pentachloro-1,1-biph	*	150.000	J		
P3215-07	A4C12	Solid	3-Penten-2-ol	*	190.000	J		
P3215-07	A4C12	Solid	7H-Benz[de]anthracen-7-one	*	92.000	J		
P3215-07	A4C12	Solid	9,10-Anthracenedione	*	130.000	J		
P3215-07	A4C12	Solid	Dibenzothiophene	*	130.000	J		
P3215-07	A4C12	Solid	n-Hexadecanoic acid	*	710.000	J		
P3215-07	A4C12	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J		
P3215-07	A4C12	Solid	Phenanthrene, 4,5-dimethyl-	*	130.000	J		
P3215-07	A4C12	Solid	Pyrene, 1-methyl-	*	160.000	J		
P3215-07	A4C12	Solid	Pyrene, 2-methyl-	*	96.000	J		
P3215-07	A4C12	Solid	Total Alkanes	*	1,200.000	27	190	ug/Kg
Total Tics :				11,601.00				
P3215-07	A4C12	Solid	1-Methylnaphthalene		54.000	J	37	190 ug/Kg
P3215-07	A4C12	Solid	2-Methylnaphthalene		61.000	J	25	190 ug/Kg
P3215-07	A4C12	Solid	Acenaphthene		190.000		32	190 ug/Kg
P3215-07	A4C12	Solid	Acenaphthylene		85.000	J	35	190 ug/Kg
P3215-07	A4C12	Solid	Anthracene		420.000		28	190 ug/Kg
P3215-07	A4C12	Solid	Benzo(a)anthracene		1,100.000		30	190 ug/Kg
P3215-07	A4C12	Solid	Benzo(a)pyrene		350.000		35	190 ug/Kg
P3215-07	A4C12	Solid	Benzo(b)fluoranthene		1,200.000		37	190 ug/Kg
P3215-07	A4C12	Solid	Benzo(g,h,i)perylene		41.000	J	29	190 ug/Kg
P3215-07	A4C12	Solid	Benzo(k)fluoranthene		400.000		42	190 ug/Kg
P3215-07	A4C12	Solid	Bis(2-ethylhexyl)phthalate		150.000	J	110	190 ug/Kg
P3215-07	A4C12	Solid	Carbazole		160.000	J	31	370 ug/Kg
P3215-07	A4C12	Solid	Chrysene		1,100.000		34	190 ug/Kg
P3215-07	A4C12	Solid	Di-n-butylphthalate		110.000	J	68	190 ug/Kg
P3215-07	A4C12	Solid	Dibenzo(a,h)anthracene		150.000	J	31	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-07	A4C12	Solid	Dibenzofuran	110.000	J	35	190	ug/Kg
P3215-07	A4C12	Solid	Fluoranthene	2,000.000		60	190	ug/Kg
P3215-07	A4C12	Solid	Fluorene	190.000		28	190	ug/Kg
P3215-07	A4C12	Solid	Indeno(1,2,3-cd)pyrene	270.000		34	190	ug/Kg
P3215-07	A4C12	Solid	Naphthalene	85.000	J	28	190	ug/Kg
P3215-07	A4C12	Solid	Phenanthrene	1,900.000		32	190	ug/Kg
P3215-07	A4C12	Solid	Pyrene	1,200.000		54	190	ug/Kg
Total Svoc :				11,326.00				
Total Concentration:				22,927.00				
Client ID : A4D23								
P3215-08	A4D23	Solid	(DEL) Alkane: Straight-Chain21.2 *	450.000	J			
P3215-08	A4D23	Solid	(DEL) Alkane: Straight-Chain23.5 *	840.000	J			
P3215-08	A4D23	Solid	(DEL) Alkane: Straight-Chain26.6 *	1,200.000	J			
P3215-08	A4D23	Solid	1-Phenoxypropan-2-ol *	520.000	J			
P3215-08	A4D23	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	250.000	J			
P3215-08	A4D23	Solid	n-Hexadecanoic acid *	500.000	J			
P3215-08	A4D23	Solid	Propylene Glycol *	360.000	J			
P3215-08	A4D23	Solid	Total Alkanes *	2,500.000		77	540	ug/Kg
Total Tics :				6,620.00				
P3215-08	A4D23	Solid	Benzo(a)anthracene	110.000	J	87	540	ug/Kg
P3215-08	A4D23	Solid	Benzo(a)pyrene	120.000	J	100	540	ug/Kg
P3215-08	A4D23	Solid	Benzo(b)fluoranthene	180.000	J	110	540	ug/Kg
P3215-08	A4D23	Solid	Chrysene	150.000	J	99	540	ug/Kg
P3215-08	A4D23	Solid	Fluoranthene	220.000	J	170	540	ug/Kg
P3215-08	A4D23	Solid	Pyrene	200.000	J	160	540	ug/Kg
Total Svoc :				980.00				
Total Concentration:				7,600.00				
Client ID : A4D24								
P3215-11	A4D24	Solid	(DEL) Alkane: Cyclic21.227 *	280.000	J			
P3215-11	A4D24	Solid	n-Hexadecanoic acid *	390.000	J			
P3215-11	A4D24	Solid	Total Alkanes *	280.000		64	450	ug/Kg
Total Tics :				950.00				
Total Concentration:				950.00				
Client ID : A4D25								
P3215-12	A4D25	Solid	1-Phenoxypropan-2-ol *	320.000	J			
P3215-12	A4D25	Solid	n-Hexadecanoic acid *	290.000	J			
P3215-12	A4D25	Solid	Total Alkanes *	0.000		63	450	ug/Kg
Total Tics :				610.00				
P3215-12	A4D25	Solid	Benzo(a)anthracene	120.000	J	71	450	ug/Kg

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-12	A4D25	Solid	Benzo(a)pyrene	110.000	J	84	450	ug/Kg
P3215-12	A4D25	Solid	Benzo(b)fluoranthene	150.000	J	87	450	ug/Kg
P3215-12	A4D25	Solid	Chrysene	140.000	J	82	450	ug/Kg
P3215-12	A4D25	Solid	Fluoranthene	220.000	J	140	450	ug/Kg
P3215-12	A4D25	Solid	Pyrene	210.000	J	130	450	ug/Kg
Total Svoc :				950.00				
Total Concentration:				1,560.00				

Client ID : A4D26

P3215-13	A4D26	Solid	(1R,2S,8R,8Ar)-8-hydroxy-1-(2-h *	170.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain11.4 *	90.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain13.1 *	90.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain14.2 *	75.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain15.1 *	83.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain16.(*	260.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain17.(*	93.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain18.2 *	120.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain23.9 *	710.000	J			
P3215-13	A4D26	Solid	(DEL) Alkane: Straight-Chain26.1 *	660.000	J			
P3215-13	A4D26	Solid	1-Phenoxypropan-2-ol *	180.000	J			
P3215-13	A4D26	Solid	1H-Cyclopropa[1]phenanthrene,1a *	100.000	J			
P3215-13	A4D26	Solid	2,6,10,15,19,23-Hexamethyl-tetra *	120.000	J			
P3215-13	A4D26	Solid	3-Penten-2-ol *	170.000	J			
P3215-13	A4D26	Solid	6-Phenylbenzocyclohepten-7-one *	84.000	J			
P3215-13	A4D26	Solid	9H-Fluoren-9-ol *	110.000	J			
P3215-13	A4D26	Solid	Acridine, 9,10-dihydro- *	99.000	J			
P3215-13	A4D26	Solid	Anthracene, 2-methyl- *	150.000	J			
P3215-13	A4D26	Solid	Cyclohexane, hexyl- *	80.000	J			
P3215-13	A4D26	Solid	n-Hexadecanoic acid *	700.000	J			
P3215-13	A4D26	Solid	n-Nonadecanol-1 *	540.000	J			
P3215-13	A4D26	Solid	Naphthalene, 1,4,6-trimethyl- *	110.000	J			
P3215-13	A4D26	Solid	Naphthalene, 1,6,7-trimethyl- *	120.000	J			
P3215-13	A4D26	Solid	Naphthalene, 2,3,6-trimethyl- *	85.000	J			
P3215-13	A4D26	Solid	Naphthalene, 2,3-dimethyl- *	100.000	J			
P3215-13	A4D26	Solid	Naphthalene, 2-(phenylmethyl)- *	130.000	J			
P3215-13	A4D26	Solid	Pentadecafluorooctanoic acid, oct: *	900.000	J			
P3215-13	A4D26	Solid	Phenanthrene, 1-methyl- *	150.000	J			
P3215-13	A4D26	Solid	Phenanthrene, 2,5-dimethyl- *	280.000	J			
P3215-13	A4D26	Solid	Phenanthrene, 2,7-dimethyl- *	74.000	J			
P3215-13	A4D26	Solid	Pyrene, 1-methyl- *	360.000	J			
P3215-13	A4D26	Solid	R-(-)-1,2-propanediol *	75.000	J			

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-13	A4D26	Solid	Tetradecane, 1-iodo-	*	140.000	J		
P3215-13	A4D26	Solid	unknown-01	*	280.000	J		
P3215-13	A4D26	Solid	unknown-02	*	180.000	J		
P3215-13	A4D26	Solid	Total Alkanes	*	2,200.000	25	180	ug/Kg
Total Tics :				9,868.00				
P3215-13	A4D26	Solid	1-Methylnaphthalene		75.000	J 35	180	ug/Kg
P3215-13	A4D26	Solid	2-Methylnaphthalene		74.000	J 24	180	ug/Kg
P3215-13	A4D26	Solid	Anthracene		37.000	J 26	180	ug/Kg
P3215-13	A4D26	Solid	Benzo(a)anthracene		200.000	29	180	ug/Kg
P3215-13	A4D26	Solid	Benzo(a)pyrene		84.000	J 34	180	ug/Kg
P3215-13	A4D26	Solid	Benzo(b)fluoranthene		320.000	35	180	ug/Kg
P3215-13	A4D26	Solid	Benzo(k)fluoranthene		89.000	J 40	180	ug/Kg
P3215-13	A4D26	Solid	Chrysene		320.000	33	180	ug/Kg
P3215-13	A4D26	Solid	Dibenzo(a,h)anthracene		50.000	J 30	180	ug/Kg
P3215-13	A4D26	Solid	Fluoranthene		390.000	57	180	ug/Kg
P3215-13	A4D26	Solid	Indeno(1,2,3-cd)pyrene		73.000	J 33	180	ug/Kg
P3215-13	A4D26	Solid	Naphthalene		54.000	J 26	180	ug/Kg
P3215-13	A4D26	Solid	Phenanthrene		290.000	31	180	ug/Kg
P3215-13	A4D26	Solid	Pyrene		230.000	52	180	ug/Kg
Total Svoc :				2,286.00				
Total Concentration:				12,154.00				

Client ID : A4D43

P3215-15	A4D43	Solid	(DEL) Alkane: Straight-Chain16.(	*	130.000	J		
P3215-15	A4D43	Solid	(DEL) Alkane: Straight-Chain21.2	*	700.000	J		
P3215-15	A4D43	Solid	(DEL) Alkane: Straight-Chain23.5	*	1,200.000	J		
P3215-15	A4D43	Solid	(DEL) Alkane: Straight-Chain26.1	*	2,100.000	J		
P3215-15	A4D43	Solid	(E)-Hexadec-9-enoic acid	*	960.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	520.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	130.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,3,3,4,6-pentach	*	98.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,3,3,4,6-Pentachl	*	110.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,3,4,4,6-Pentach	*	100.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,3,4,6-tetrachlo	*	650.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	300.000	J		
P3215-15	A4D43	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	500.000	J		
P3215-15	A4D43	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3215-15	A4D43	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	130.000	J		
P3215-15	A4D43	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	260.000	J		
P3215-15	A4D43	Solid	3-Penten-2-ol	*	610.000	J		
P3215-15	A4D43	Solid	9,10-Anthracenedione	*	150.000	J		

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-15	A4D43	Solid	Allyldimethyl(vinyl)silane	*	140.000	J		
P3215-15	A4D43	Solid	Benzeneethanol, 4-hydroxy-	*	440.000	J		
P3215-15	A4D43	Solid	Benzoic acid, 2-hydroxy-4-methoxy-	*	220.000	J		
P3215-15	A4D43	Solid	Bicyclo[4.2.0]octa-1,3,5-triene	*	150.000	J		
P3215-15	A4D43	Solid	Heptadecanoic acid	*	130.000	J		
P3215-15	A4D43	Solid	Hexadecane, 1-iodo-	*	310.000	J		
P3215-15	A4D43	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P3215-15	A4D43	Solid	Octacosyl acetate	*	880.000	J		
P3215-15	A4D43	Solid	Octadecanoic acid	*	350.000	J		
P3215-15	A4D43	Solid	Oxirane, tetramethyl-	*	300.000	J		
P3215-15	A4D43	Solid	Palmitoleic acid	*	290.000	J		
P3215-15	A4D43	Solid	Tetradecanoic acid	*	180.000	J		
P3215-15	A4D43	Solid	unknown-01	*	540.000	J		
P3215-15	A4D43	Solid	Total Alkanes	*	4,100.000	32	220	ug/Kg
Total Tics :					16,988.00			
P3215-15	A4D43	Solid	Acenaphthene		53.000	J 38	220	ug/Kg
P3215-15	A4D43	Solid	Acenaphthylene		160.000	J 42	220	ug/Kg
P3215-15	A4D43	Solid	Anthracene		240.000	33	220	ug/Kg
P3215-15	A4D43	Solid	Benzo(a)anthracene		990.000	36	220	ug/Kg
P3215-15	A4D43	Solid	Benzo(a)pyrene		440.000	42	220	ug/Kg
P3215-15	A4D43	Solid	Benzo(b)fluoranthene		1,900.000	44	220	ug/Kg
P3215-15	A4D43	Solid	Benzo(g,h,i)perylene		73.000	J 34	220	ug/Kg
P3215-15	A4D43	Solid	Benzo(k)fluoranthene		580.000	50	220	ug/Kg
P3215-15	A4D43	Solid	Bis(2-ethylhexyl)phthalate		710.000	130	220	ug/Kg
P3215-15	A4D43	Solid	Butylbenzylphthalate		140.000	J 110	220	ug/Kg
P3215-15	A4D43	Solid	Carbazole		120.000	J 37	440	ug/Kg
P3215-15	A4D43	Solid	Chrysene		1,300.000	41	220	ug/Kg
P3215-15	A4D43	Solid	Dibenzo(a,h)anthracene		250.000	37	220	ug/Kg
P3215-15	A4D43	Solid	Fluoranthene		1,900.000	71	220	ug/Kg
P3215-15	A4D43	Solid	Fluorene		66.000	J 33	220	ug/Kg
P3215-15	A4D43	Solid	Indeno(1,2,3-cd)pyrene		450.000	41	220	ug/Kg
P3215-15	A4D43	Solid	Naphthalene		58.000	J 33	220	ug/Kg
P3215-15	A4D43	Solid	Phenanthrene		960.000	38	220	ug/Kg
P3215-15	A4D43	Solid	Pyrene		1,100.000	65	220	ug/Kg
Total Svoc :					11,490.00			
Total Concentration:					28,478.00			
Client ID : A4D44								
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,2,3,5,5-pentachloro-	*	1,600.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,2,3,5-tetrachloro-	*	1,000.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,2,4,4-tetrachloro-	*	1,400.000	J		

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,2,4,5,5-pentach	*	1,200.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,2,4,6,6-Pentach	*	810.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,3,3,4,4-pentach	*	980.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	960.000	J		
P3215-16	A4D44	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	2,800.000	J		
P3215-16	A4D44	Solid	1-Phenoxypropan-2-ol	*	85.000	J		
P3215-16	A4D44	Solid	2,2,4,6-Tetrachloro-1,1-bipheny	*	2,200.000	J		
P3215-16	A4D44	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	2,200.000	J		
P3215-16	A4D44	Solid	2-Pentanol, 5-methoxy-2-methyl-	*	98.000	J		
P3215-16	A4D44	Solid	3,3,4,5-Tetrachloro-1,1-biphenyl	*	480.000	J		
P3215-16	A4D44	Solid	3-Penten-2-ol	*	530.000	J		
P3215-16	A4D44	Solid	Benzeneethanol, 4-hydroxy-	*	690.000	J		
P3215-16	A4D44	Solid	Benzoic acid, 3-formyl-4,6-dihyd	*	230.000	J		
P3215-16	A4D44	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	750.000	J		
P3215-16	A4D44	Solid	Guanidine, monothiocyanate	*	260.000	J		
P3215-16	A4D44	Solid	Hexadecenoic acid, Z-11-	*	840.000	J		
P3215-16	A4D44	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	200.000	J		
P3215-16	A4D44	Solid	unknown-01	*	340.000	J		
P3215-16	A4D44	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				19,653.00				
P3215-16	A4D44	Solid	2-Methylnaphthalene		47.000	J	28	ug/Kg
P3215-16	A4D44	Solid	Acenaphthene		63.000	J	35	ug/Kg
P3215-16	A4D44	Solid	Acenaphthylene		170.000	J	39	ug/Kg
P3215-16	A4D44	Solid	Anthracene		290.000		30	ug/Kg
P3215-16	A4D44	Solid	Benzo(a)anthracene		1,100.000		33	ug/Kg
P3215-16	A4D44	Solid	Benzo(a)pyrene		420.000		39	ug/Kg
P3215-16	A4D44	Solid	Benzo(b)fluoranthene		1,700.000		40	ug/Kg
P3215-16	A4D44	Solid	Benzo(g,h,i)perylene		80.000	J	32	ug/Kg
P3215-16	A4D44	Solid	Benzo(k)fluoranthene		630.000		46	ug/Kg
P3215-16	A4D44	Solid	Bis(2-ethylhexyl)phthalate		490.000		120	ug/Kg
P3215-16	A4D44	Solid	Carbazole		120.000	J	34	ug/Kg
P3215-16	A4D44	Solid	Chrysene		1,300.000		38	ug/Kg
P3215-16	A4D44	Solid	Dibenzo(a,h)anthracene		250.000		34	ug/Kg
P3215-16	A4D44	Solid	Dibenzofuran		47.000	J	39	ug/Kg
P3215-16	A4D44	Solid	Fluoranthene		1,900.000		66	ug/Kg
P3215-16	A4D44	Solid	Fluorene		71.000	J	30	ug/Kg
P3215-16	A4D44	Solid	Indeno(1,2,3-cd)pyrene		450.000		38	ug/Kg
P3215-16	A4D44	Solid	Naphthalene		61.000	J	30	ug/Kg
P3215-16	A4D44	Solid	Phenanthrene		960.000		35	ug/Kg
P3215-16	A4D44	Solid	Pyrene		1,100.000		60	ug/Kg

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				11,249.00				
Total Concentration:				30,902.00				
Client ID : A4CJ4								
P3215-19	A4CJ4	Solid	1,1,6-trimethyl-3-methylene-2-(3-methyl-5-oxo-2-phenyl-1,3-dioxane-5-carbonyl)ethane	94.000	J			
P3215-19	A4CJ4	Solid	1,12-Bis(2-nitrophenoxy)dodecane	120.000	J			
P3215-19	A4CJ4	Solid	1-Isopropenyl-4,5-dimethylbicyclo[2.2.1]hept-2-ene	380.000	J			
P3215-19	A4CJ4	Solid	2,3-Dihydro farnesyl acetate	110.000	J			
P3215-19	A4CJ4	Solid	4H-Cyclopenta[def]phenanthrene	210.000	J			
P3215-19	A4CJ4	Solid	5-Bromo-4-oxo-4,5,6,7-tetrahydro-2H-pyran	150.000	J			
P3215-19	A4CJ4	Solid	6-Isopropenyl-4,8a-dimethyl-4a,5,8a-tetrahydronaphthalene	150.000	J			
P3215-19	A4CJ4	Solid	8,9,10,11-Tetrahydrobenz[a]anthracene	99.000	J			
P3215-19	A4CJ4	Solid	9,10-Anthracenedione	170.000	J			
P3215-19	A4CJ4	Solid	9,10-Dimethylanthracene	180.000	J			
P3215-19	A4CJ4	Solid	Cholest-4-en-26-oic acid, 3-oxo-	380.000	J			
P3215-19	A4CJ4	Solid	Cyclohexene, 4-(4-ethylcyclohexyl)-	110.000	J			
P3215-19	A4CJ4	Solid	n-Decanoic acid	110.000	J			
P3215-19	A4CJ4	Solid	n-Hexadecanoic acid	530.000	J			
P3215-19	A4CJ4	Solid	Octadecanoic acid	110.000	J			
P3215-19	A4CJ4	Solid	Phenanthrene, 4-methyl-	130.000	J			
P3215-19	A4CJ4	Solid	Pyrene, 1-methyl-	170.000	J			
P3215-19	A4CJ4	Solid	Testosterone	310.000	J			
P3215-19	A4CJ4	Solid	unknown-01	1,200.000	J			
P3215-19	A4CJ4	Solid	unknown-02	110.000	J			
P3215-19	A4CJ4	Solid	Total Alkanes	0.000		34	240	ug/Kg
Total Tics :				4,823.00				
P3215-19	A4CJ4	Solid	Acenaphthene	70.000	J	41	240	ug/Kg
P3215-19	A4CJ4	Solid	Anthracene	190.000	J	35	240	ug/Kg
P3215-19	A4CJ4	Solid	Benzo(a)anthracene	610.000		38	240	ug/Kg
P3215-19	A4CJ4	Solid	Benzo(a)pyrene	350.000		45	240	ug/Kg
P3215-19	A4CJ4	Solid	Benzo(b)fluoranthene	790.000		46	240	ug/Kg
P3215-19	A4CJ4	Solid	Benzo(k)fluoranthene	270.000		53	240	ug/Kg
P3215-19	A4CJ4	Solid	Bis(2-ethylhexyl)phthalate	430.000		130	240	ug/Kg
P3215-19	A4CJ4	Solid	Carbazole	91.000	J	39	460	ug/Kg
P3215-19	A4CJ4	Solid	Chrysene	690.000		43	240	ug/Kg
P3215-19	A4CJ4	Solid	Dibenzo(a,h)anthracene	110.000	J	39	240	ug/Kg
P3215-19	A4CJ4	Solid	Fluoranthene	1,200.000		76	240	ug/Kg
P3215-19	A4CJ4	Solid	Fluorene	80.000	J	35	240	ug/Kg
P3215-19	A4CJ4	Solid	Indeno(1,2,3-cd)pyrene	240.000		43	240	ug/Kg
P3215-19	A4CJ4	Solid	Phenanthrene	970.000		41	240	ug/Kg
P3215-19	A4CJ4	Solid	Pyrene	890.000		69	240	ug/Kg

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SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				6,981.00				
Total Concentration:				11,804.00				
Client ID : A4CJ5								
P3215-20	A4CJ5	Solid	(DEL) Alkane: Cyclic21.216	*	180.000	J		
P3215-20	A4CJ5	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	130.000	J		
P3215-20	A4CJ5	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	100.000	J		
P3215-20	A4CJ5	Solid	n-Hexadecanoic acid	*	340.000	J		
P3215-20	A4CJ5	Solid	unknown-01	*	850.000	J		
P3215-20	A4CJ5	Solid	Total Alkanes	*	180.000	37	260	ug/Kg
Total Tics :				1,780.00				
P3215-20	A4CJ5	Solid	Benzo(a)anthracene		200.000	J 42	260	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(a)pyrene		110.000	J 49	260	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(b)fluoranthene		260.000	51	260	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(k)fluoranthene		110.000	J 59	260	ug/Kg
P3215-20	A4CJ5	Solid	Chrysene		240.000	J 48	260	ug/Kg
P3215-20	A4CJ5	Solid	Fluoranthene		440.000	83	260	ug/Kg
P3215-20	A4CJ5	Solid	Indeno(1,2,3-cd)pyrene		79.000	J 48	260	ug/Kg
P3215-20	A4CJ5	Solid	Phenanthrene		320.000	45	260	ug/Kg
P3215-20	A4CJ5	Solid	Pyrene		300.000	76	260	ug/Kg
Total Svoc :				2,059.00				
Total Concentration:				3,839.00				
Client ID : A4CJ6								
P3215-21	A4CJ6	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo	*	140.000	J		
P3215-21	A4CJ6	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	100.000	J		
P3215-21	A4CJ6	Solid	n-Hexadecanoic acid	*	220.000	J		
P3215-21	A4CJ6	Solid	Pentadecafluorooctanoic acid, hex	*	130.000	J		
P3215-21	A4CJ6	Solid	unknown-01	*	160.000	J		
P3215-21	A4CJ6	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :				750.00				
P3215-21	A4CJ6	Solid	Anthracene		62.000	J 32	220	ug/Kg
P3215-21	A4CJ6	Solid	Benzo(a)anthracene		170.000	J 35	220	ug/Kg
P3215-21	A4CJ6	Solid	Benzo(a)pyrene		91.000	J 41	220	ug/Kg
P3215-21	A4CJ6	Solid	Benzo(b)fluoranthene		200.000	J 42	220	ug/Kg
P3215-21	A4CJ6	Solid	Benzo(k)fluoranthene		68.000	J 49	220	ug/Kg
P3215-21	A4CJ6	Solid	Chrysene		170.000	J 40	220	ug/Kg
P3215-21	A4CJ6	Solid	Fluoranthene		320.000	69	220	ug/Kg
P3215-21	A4CJ6	Solid	Indeno(1,2,3-cd)pyrene		60.000	J 40	220	ug/Kg
P3215-21	A4CJ6	Solid	Phenanthrene		310.000	37	220	ug/Kg
P3215-21	A4CJ6	Solid	Pyrene		270.000	63	220	ug/Kg
Total Svoc :				1,721.00				

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,471.00				
Client ID : A4CJ8								
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain20.6 *	110.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain21.7 *	120.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain22.4 *	390.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain23.1 *	180.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain23.9 *	3,700.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain24.6 *	2,500.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain26.1 *	5,800.000	J			
P3215-23	A4CJ8	Solid	(DEL) Alkane: Straight-Chain29.1 *	2,700.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,3,4,5-Pentachl *	120.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo *	560.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo *	250.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,4,6,6-Pentach *	100.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo *	390.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,2,5,6-Tetrachlo *	91.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo *	210.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,3,4,5,5-Pentach *	340.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,3,4,6-Tetrachlor *	620.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,3,4-trichloro- *	96.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	540.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 2,4,5-trichloro- *	87.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 3,3,4,4-tetrachlo *	190.000	J			
P3215-23	A4CJ8	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo *	560.000	J			
P3215-23	A4CJ8	Solid	1-Heneicosanol *	590.000	J			
P3215-23	A4CJ8	Solid	1-Heptacosanol *	2,100.000	J			
P3215-23	A4CJ8	Solid	11H-Benzo[b]fluorene *	150.000	J			
P3215-23	A4CJ8	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl *	120.000	J			
P3215-23	A4CJ8	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	300.000	J			
P3215-23	A4CJ8	Solid	2,3,3,4,5- Pentachloro-1,1-bip *	200.000	J			
P3215-23	A4CJ8	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl *	250.000	J			
P3215-23	A4CJ8	Solid	Benzoic acid *	100.000	J			
P3215-23	A4CJ8	Solid	Hexacosanal *	3,100.000	J			
P3215-23	A4CJ8	Solid	Methanone, bis[4-(diethylamino)p *	240.000	J			
P3215-23	A4CJ8	Solid	n-Hexadecanoic acid *	560.000	J			
P3215-23	A4CJ8	Solid	Octadecanal *	130.000	J			
P3215-23	A4CJ8	Solid	Oxalic acid, isobutyl hexadecyl es *	570.000	J			
P3215-23	A4CJ8	Solid	Oxirane, hexadecyl- *	1,900.000	J			
P3215-23	A4CJ8	Solid	unknown-01 *	100.000	J			
P3215-23	A4CJ8	Solid	unknown-02 *	300.000	J			

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-23	A4CJ8	Solid	Total Alkanes	*	16,000.000	27	190	ug/Kg
Total Tics :				46,364.00				
P3215-23	A4CJ8	Solid	Anthracene		59.000	J 28	190	ug/Kg
P3215-23	A4CJ8	Solid	Benzo(a)anthracene		220.000	30	190	ug/Kg
P3215-23	A4CJ8	Solid	Benzo(a)pyrene		120.000	J 36	190	ug/Kg
P3215-23	A4CJ8	Solid	Benzo(b)fluoranthene		310.000	37	190	ug/Kg
P3215-23	A4CJ8	Solid	Benzo(k)fluoranthene		100.000	J 42	190	ug/Kg
P3215-23	A4CJ8	Solid	Chrysene		250.000	34	190	ug/Kg
P3215-23	A4CJ8	Solid	Dibenzo(a,h)anthracene		40.000	J 31	190	ug/Kg
P3215-23	A4CJ8	Solid	Fluoranthene		410.000	60	190	ug/Kg
P3215-23	A4CJ8	Solid	Indeno(1,2,3-cd)pyrene		93.000	J 34	190	ug/Kg
P3215-23	A4CJ8	Solid	Phenanthrene		290.000	32	190	ug/Kg
P3215-23	A4CJ8	Solid	Pyrene		310.000	54	190	ug/Kg
Total Svoc :				2,202.00				
Total Concentration:				48,566.00				
Client ID : HD-01-07152024								
P3255-01	HD-01-07152024	Solid	1,1-Biphenyl, 2-fluoro-	*	1,100.000	J		
P3255-01	HD-01-07152024	Solid	11H-Benzo[a]fluorene	*	55.000	J		
P3255-01	HD-01-07152024	Solid	11H-Benzo[b]fluorene	*	81.000	J		
P3255-01	HD-01-07152024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	86.000	A		
P3255-01	HD-01-07152024	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P3255-01	HD-01-07152024	Solid	9,10-Anthracenedione	*	110.000	J		
P3255-01	HD-01-07152024	Solid	Anthracen-1(2H)-one, 3,4-dihydro	*	590.000	J		
P3255-01	HD-01-07152024	Solid	Anthracene, 1-methyl-	*	46.000	J		
P3255-01	HD-01-07152024	Solid	Anthracene, 2-methyl-	*	81.000	J		
P3255-01	HD-01-07152024	Solid	Cyclopenta(def)phenanthrenone	*	95.000	J		
P3255-01	HD-01-07152024	Solid	n-Hexadecanoic acid	*	380.000	J		
P3255-01	HD-01-07152024	Solid	Naphthalene, 2,3-dimethyl-	*	45.000	J		
P3255-01	HD-01-07152024	Solid	Naphthalene, 2-phenyl-	*	75.000	J		
P3255-01	HD-01-07152024	Solid	Octadecanoic acid	*	55.000	J		
P3255-01	HD-01-07152024	Solid	Phenanthrene, 1,7-dimethyl-	*	100.000	J		
P3255-01	HD-01-07152024	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P3255-01	HD-01-07152024	Solid	Propylene Glycol	*	47.000	J		
P3255-01	HD-01-07152024	Solid	Pyrene, 1-methyl-	*	58.000	J		
P3255-01	HD-01-07152024	Solid	Total Alkanes	*	0.000	15	110	ug/Kg
Total Tics :				3,314.00				
P3255-01	HD-01-07152024	Solid	1-Methylnaphthalene		22.000	J 21	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Acenaphthene		60.000	J 19	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Acenaphthylene		28.000	J 21	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Anthracene		130.000	16	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3255-01	HD-01-07152024	Solid	Benzo(a)anthracene	370.000		17	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Benzo(a)pyrene	350.000		21	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Benzo(b)fluoranthene	470.000		21	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Benzo(g,h,i)perylene	200.000		17	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Benzo(k)fluoranthene	160.000		24	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Carbazole	65.000	J	18	210	ug/Kg
P3255-01	HD-01-07152024	Solid	Chrysene	420.000		20	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Dibenzo(a,h)anthracene	61.000	J	18	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Dibenzofuran	27.000	J	21	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Fluoranthene	810.000		35	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Fluorene	60.000	J	16	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Indeno(1,2,3-cd)pyrene	170.000		20	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Phenanthrene	610.000		19	110	ug/Kg
P3255-01	HD-01-07152024	Solid	Pyrene	700.000		31	110	ug/Kg
Total Svoc :				4,713.00				
Total Concentration:				8,027.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 : _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020646 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 14:25

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
01 SBLK057	154216	7.69	621240	10.45	421833	14.31
02 HD-01-07152024	190305	7.68	795259	10.45	516770	14.32
03 A4BS9	168742	7.69	712082	10.44	498514	14.30
04 A4D24	145951	7.68	590594	10.45	401537	14.32
05 A4D25	159915	7.68	697935	10.45	483214	14.30
06 A4CJ8	166518	7.69	714177	10.44	497983	14.30
07 A4BD3	142479	7.69	578541	10.45	397286	14.32
08 A4BD4	169592	7.69	730292	10.45	492297	14.32
09 A4CJ5	142960	7.69	579589	10.45	392400	14.30
10 A4CJ6	123498	7.68	498491	10.45	329660	14.31
11 SLCS057	178649	7.69	782446	10.45	532383	14.32
12 SBLK057	163736	7.69	711641	10.45	499350	14.31
13 A4D23	207267	7.69	888726	10.45	586860	14.32
14 A4D23MS	182226	7.69	728899	10.45	480282	14.31
15 A4D23MSD	183141	7.69	759312	10.45	496493	14.32
16 A4C02	224959	7.69	946492	10.44	627310	14.30
17 A4C08	193398	7.69	814035	10.44	571714	14.29
18 A4C09	160151	7.69	690744	10.45	512229	14.32
19 A4C12	202668	7.69	881392	10.45	593822	14.32
20 A4D43	225077	7.69	934164	10.46	613178	14.31
21 A4D44	233852	7.69	931207	10.46	591604	14.30
22 A4CJ4	210135	7.70	906783	10.47	603246	14.32
23 A4D26	217983	7.70	907226	10.47	592386	14.32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020646 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 08:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
24 A4C00	219249	7.70	902178	10.46	603714	14.32

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.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020692 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP021016.D Time Analyzed: 14:25

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	139088	7.687	584697	10.44	400726	14.32
UPPER LIMIT	278176	8.187	1169394	10.94	801452	14.816
LOWER LIMIT	69544	7.187	292348.5	9.94	200363	13.816
EPA SAMPLE NO.						
01 SBLK057	154216	7.69	621240	10.45	421833	14.31
02 HD-01-07152024	190305	7.68	795259	10.45	516770	14.32
03 A4BS9	168742	7.69	712082	10.44	498514	14.30
04 A4D24	145951	7.68	590594	10.45	401537	14.32
05 A4D25	159915	7.68	697935	10.45	483214	14.30
06 A4CJ8	166518	7.69	714177	10.44	497983	14.30
07 A4BD3	142479	7.69	578541	10.45	397286	14.32
08 A4BD4	169592	7.69	730292	10.45	492297	14.32
09 A4CJ5	142960	7.69	579589	10.45	392400	14.30
10 A4CJ6	123498	7.68	498491	10.45	329660	14.31
11 SLCS057	178649	7.69	782446	10.45	532383	14.32

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.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020693 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP021028.D Time Analyzed: 23:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	150762	7.687	624975	10.45	412604	14.32
UPPER LIMIT	301524	8.187	1249950	10.952	825208	14.816
LOWER LIMIT	75381	7.187	312487.5	9.952	206302	13.816
EPA SAMPLE NO.						
01 SBLK057	163736	7.69	711641	10.45	499350	14.31
02 A4D23	207267	7.69	888726	10.45	586860	14.32
03 A4D23MS	182226	7.69	728899	10.45	480282	14.31
04 A4D23MSD	183141	7.69	759312	10.45	496493	14.32
05 A4C02	224959	7.69	946492	10.44	627310	14.30
06 A4C08	193398	7.69	814035	10.44	571714	14.29
07 A4C09	160151	7.69	690744	10.45	512229	14.32
08 A4C12	202668	7.69	881392	10.45	593822	14.32
09 A4D43	225077	7.69	934164	10.46	613178	14.31
10 A4D44	233852	7.69	931207	10.46	591604	14.30
11 A4CJ4	210135	7.70	906783	10.47	603246	14.32
12 A4D26	217983	7.70	907226	10.47	592386	14.32
13 A4C00	219249	7.70	902178	10.46	603714	14.32

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020646 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 14:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18434e+04	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
01	SBLK057	925607	17.13	967216	21.57	1.09129e+	24.88
02	HD-01-07152024	1.06663	17.12	937545	21.57	1.10701e+	24.87
03	A4BS9	1.12734	17.12	1.136e+00	21.56	1.26746e+	24.87
04	A4D24	908240	17.12	971582	21.57	1.18344e+	24.87
05	A4D25	1.04517	17.13	963066	21.56	1.09621e+	24.87
06	A4CJ8	1.09847	17.12	1.00174e+	21.57	1.17082e+	24.87
07	A4BD3	926695	17.12	942198	21.56	1.11222e+	24.86
08	A4BD4	1.03805	17.12	939091	21.57	1.08605e+	24.87
09	A4CJ5	892729	17.12	906372	21.56	1.0449e+0	24.85
10	A4CJ6	766539	17.12	824938	21.56	970786	24.85
11	SLCS057	1.12665	17.11	1.02221e+	21.56	1.21428e+	24.85
12	SBLK057	1.10551	17.12	1.07193e+	21.56	1.24189e+	24.87
13	A4D23	1.2175e	17.12	1.10751e+	21.56	1.29442e+	24.86
14	A4D23MS	1.10977	17.12	1.12436e+	21.56	1.31983e+	24.87
15	A4D23MSD	1.09953	17.13	1.08937e+	21.56	1.34007e+	24.86
16	A4C02	1.25622	17.12	1.04914e+	21.57	1.29414e+	24.87
17	A4C08	1.19909	17.12	1.05349e+	21.57	1.26868e+	24.87
18	A4C09	1.16272	17.13	1.06861e+	21.58	1.32022e+	24.88
19	A4C12	1.24138	17.13	1.08136e+	21.57	1.32083e+	24.89
20	A4D43	1.22287	17.13	1.05071e+	21.59	1.26642e+	24.90
21	A4D44	1.13587	17.13	993363	21.60	1.22904e+	24.98

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020646 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 07:13

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18434e+0	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
22 A4CJ4	1.21764	17.15	1.11305e+	21.59	1.3194e+0	24.92
23 A4D26	1.19167	17.14	1.01637e+	21.59	1.22591e+	24.92
24 A4C00	1.28758	17.13	1.10901e+	21.60	1.34445e+	24.93

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.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020692 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP021016.D Time Analyzed: 14:25

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	928675	17.11	962915	21.568	1.07273e+01	24.874
UPPER LIMIT	1857350	17.61	1925830	22.068	2145460	25.374
LOWER LIMIT	464337.5	16.61	481457.5	21.068	536365	24.374
EPA SAMPLE NO.						
01 SBLK057	925607	17.13	967216	21.57	1.09129e+	24.88
02 HD-01-07152024	1.06663	17.12	937545	21.57	1.10701e+	24.87
03 A4BS9	1.12734	17.12	1.136e+00	21.56	1.26746e+	24.87
04 A4D24	908240	17.12	971582	21.57	1.18344e+	24.87
05 A4D25	1.04517	17.13	963066	21.56	1.09621e+	24.87
06 A4CJ8	1.09847	17.12	1.00174e+	21.57	1.17082e+	24.87
07 A4BD3	926695	17.12	942198	21.56	1.11222e+	24.86
08 A4BD4	1.03805	17.12	939091	21.57	1.08605e+	24.87
09 A4CJ5	892729	17.12	906372	21.56	1.0449e+0	24.85
10 A4CJ6	766539	17.12	824938	21.56	970786	24.85
11 SLCS057	1.12665	17.11	1.02221e+	21.56	1.21428e+	24.85

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071724 SAS No.: BP071724 SDG NO.: BP071724

EPA Sample No.: SSTD020693 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BP021028.D Time Analyzed: 23:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	949657	17.122	1.01562e+	21.563	1.19682e+01	24.88
UPPER LIMIT	1899314	17.622	2031240	22.063	2393640	25.38
LOWER LIMIT	474828.5	16.622	507810	21.063	598410	24.38
EPA SAMPLE NO.						
01 SBLK057	1.10551	17.12	1.07193e+	21.56	1.24189e+	24.87
02 A4D23	1.2175e	17.12	1.10751e+	21.56	1.29442e+	24.86
03 A4D23MS	1.10977	17.12	1.12436e+	21.56	1.31983e+	24.87
04 A4D23MSD	1.09953	17.13	1.08937e+	21.56	1.34007e+	24.86
05 A4C02	1.25622	17.12	1.04914e+	21.57	1.29414e+	24.87
06 A4C08	1.19909	17.12	1.05349e+	21.57	1.26868e+	24.87
07 A4C09	1.16272	17.13	1.06861e+	21.58	1.32022e+	24.88
08 A4C12	1.24138	17.13	1.08136e+	21.57	1.32083e+	24.89
09 A4D43	1.22287	17.13	1.05071e+	21.59	1.26642e+	24.90
10 A4D44	1.13587	17.13	993363	21.60	1.22904e+	24.98
11 A4CJ4	1.21764	17.15	1.11305e+	21.59	1.3194e+0	24.92
12 A4D26	1.19167	17.14	1.01637e+	21.59	1.22591e+	24.92
13 A4C00	1.28758	17.13	1.10901e+	21.60	1.34445e+	24.93

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.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162057BS	1,4-Dioxane	530	330	ug/Kg	62				0	0		
	Benzaldehyde	1300	1100	ug/Kg	85				0	0		
	Pyridine	1300	930	ug/Kg	72				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	1000	ug/Kg	77				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1100	ug/Kg	85				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	970	ug/Kg	75				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	1000	ug/Kg	77				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	880	ug/Kg	68				0	0		
	Bis(2-chloroethoxy)methane	1300	990	ug/Kg	76				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	950	ug/Kg	73				0	0		
	Hexachlorobutadiene	1300	990	ug/Kg	76				0	0		
	Caprolactam	1300	1200	ug/Kg	92				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	460	ug/Kg	35				0	0		
	2,4,6-Trichlorophenol	1300	980	ug/Kg	75				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	1000	ug/Kg	77				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1500	ug/Kg	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162057BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0	
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0	
	Atrazine	1300	210	ug/Kg	16				0	0	
	Pentachlorophenol	1300	840	ug/Kg	65				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	980	ug/Kg	75				0	0	
	Anthracene	1300	1000	ug/Kg	77				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	990	ug/Kg	76				0	0	
	Carbazole	1300	1200	ug/Kg	92				0	0	
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluoranthene	1300	980	ug/Kg	75				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0	
	Chrysene	1300	1100	ug/Kg	85				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0	
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0	
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(a)pyrene	1300	980	ug/Kg	75				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0	
	2,3,4,6-Tetrachlorophenol	1300	940	ug/Kg	72				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BS9

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071724

SAS No.: BP071724 SDG NO.: BP071724

Lab File ID: BP021019.D

Lab Sample ID: P3178-04

Instrument ID: BNA_P

Date Extracted: 07/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/17/2024

Level: (low/med) LOW

Time Analyzed: 15:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BS9	P3178-04	BP021019.D	07/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK057

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071724

SAS No.: BP071724 SDG NO.: BP071724

Lab File ID: BP021029.D

Lab Sample ID: PB162057BL

Instrument ID: BNA_P

Date Extracted: 07/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/17/2024

Level: (low/med) LOW

Time Analyzed: 23:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D23	P3215-08	BP021030.D	07/18/2024
A4D23MS	P3215-09MS	BP021031.D	07/18/2024
A4D23MSD	P3215-10MSD	BP021032.D	07/18/2024
A4C02	P3215-04	BP021033.D	07/18/2024
A4C08	P3215-05	BP021034.D	07/18/2024
A4C09	P3215-06	BP021035.D	07/18/2024
A4C12	P3215-07	BP021036.D	07/18/2024
A4D43	P3215-15	BP021037.D	07/18/2024
A4D44	P3215-16	BP021038.D	07/18/2024
A4CJ4	P3215-19	BP021039.D	07/18/2024
A4D26	P3215-13	BP021040.D	07/18/2024
A4C00	P3215-03	BP021041.D	07/18/2024
A4D24	P3215-11	BP021020.D	07/17/2024
A4D25	P3215-12	BP021021.D	07/17/2024
A4CJ8	P3215-23	BP021022.D	07/17/2024
A4BD3	P3215-01	BP021023.D	07/17/2024
A4BD4	P3215-02	BP021024.D	07/17/2024
A4CJ5	P3215-20	BP021025.D	07/17/2024
A4CJ6	P3215-21	BP021026.D	07/17/2024
PB162057BS	PB162057BS	BP021027.D	07/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HD-01-07152024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071724

SAS No.: BP071724 SDG NO.: BP071724

Lab File ID: BP021018.D

Lab Sample ID: P3255-01

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/17/2024

Level: (low/med) LOW

Time Analyzed: 15:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HD-01-07152024	P3255-01	BP021018.D	07/17/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3215-09MS	Client Sample ID:	A4D23MS				DataFile:	BP021031.D			
1,4-Dioxane	1700		1300	ug/Kg	76				15	120	
Benzaldehyde	4300		3400	ug/Kg	79				0	0	
Pyridine	4300		3300	ug/Kg	77				0	0	
Phenol	4300		3600	ug/Kg	84				26	90	
Bis(2-chloroethyl)ether	4300		3200	ug/Kg	74				0	0	
2-Chlorophenol	4300		3500	ug/Kg	81				25	102	
2-Methylphenol	4300		3500	ug/Kg	81				0	0	
2,2-oxybis(1-Chloropropane)	4300		3200	ug/Kg	74				0	0	
Acetophenone	4300		3400	ug/Kg	79				0	0	
4-Methylphenol	4300		3600	ug/Kg	84				0	0	
N-Nitroso-di-n-propylamine	4300		3200	ug/Kg	74				41	126	
Hexachloroethane	4300		3200	ug/Kg	74				0	0	
Nitrobenzene	4300		3600	ug/Kg	84				0	0	
Isophorone	4300		3400	ug/Kg	79				0	0	
2-Nitrophenol	4300		3800	ug/Kg	88				0	0	
2,4-Dimethylphenol	4300		3500	ug/Kg	81				0	0	
Bis(2-chloroethoxy)methane	4300		3300	ug/Kg	77				0	0	
2,4-Dichlorophenol	4300		3800	ug/Kg	88				0	0	
Naphthalene	4300		3500	ug/Kg	81				0	0	
4-Chloroaniline	4300		3000	ug/Kg	70				0	0	
Hexachlorobutadiene	4300		3400	ug/Kg	79				0	0	
Caprolactam	4300		4000	ug/Kg	93				0	0	
4-Chloro-3-methylphenol	4300		3800	ug/Kg	88				26	103	
1-Methylnaphthalene	4300		3600	ug/Kg	84				0	0	
2-Methylnaphthalene	4300		3500	ug/Kg	81				0	0	
Hexachlorocyclopentadiene	4300		1600	ug/Kg	37				0	0	
2,4,6-Trichlorophenol	4300		3600	ug/Kg	84				0	0	
2,4,5-Trichlorophenol	4300		3800	ug/Kg	88				0	0	
1,1'-Biphenyl	4300		3600	ug/Kg	84				0	0	
2-Chloronaphthalene	4300		3500	ug/Kg	81				0	0	
2-Nitroaniline	4300		4100	ug/Kg	95				0	0	
Dimethylphthalate	4300		3500	ug/Kg	81				0	0	
2,6-Dinitrotoluene	4300		3800	ug/Kg	88				0	0	
Acenaphthylene	4300		3600	ug/Kg	84				0	0	
3-Nitroaniline	4300		4500	ug/Kg	105				0	0	
Acenaphthene	4300		3500	ug/Kg	81				31	137	
2,4-Dinitrophenol	4300		3700	ug/Kg	86				0	0	
4-Nitrophenol	4300		4300	ug/Kg	100				11	114	
Dibenzofuran	4300		3700	ug/Kg	86				0	0	
2,4-Dinitrotoluene	4300		4100	ug/Kg	95	*			28	89	
Diethylphthalate	4300		3600	ug/Kg	84				0	0	
Fluorene	4300		3700	ug/Kg	86				0	0	
4-Chlorophenyl-phenylether	4300		3500	ug/Kg	81				0	0	
4-Nitroaniline	4300		5600	ug/Kg	130				0	0	
4,6-Dinitro-2-methylphenol	4300		3400	ug/Kg	79				0	0	
N-Nitrosodiphenylamine	4300		3300	ug/Kg	77				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071724

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	4300		3600	ug/Kg	84				0	0	
4-Bromophenyl-phenylether	4300		3200	ug/Kg	74				0	0	
Hexachlorobenzene	4300		3400	ug/Kg	79				0	0	
Atrazine	4300		2700	ug/Kg	63				0	0	
Pentachlorophenol	4300		3500	ug/Kg	81				17	109	
Phenanthrene	4300		3700	ug/Kg	86				0	0	
Pentachlorobenzene	4300		3200	ug/Kg	74				0	0	
Anthracene	4300		3600	ug/Kg	84				0	0	
1,2,3,4-Tetrachlorobenzene	4300		3100	ug/Kg	72				0	0	
Carbazole	4300		4000	ug/Kg	93				0	0	
Di-n-butylphthalate	4300		3600	ug/Kg	84				0	0	
Fluoranthene	4300	220	3200	ug/Kg	69				0	0	
Pyrene	4300	200	3300	ug/Kg	72				35	142	
Butylbenzylphthalate	4300		3200	ug/Kg	74				0	0	
3,3'-Dichlorobenzidine	4300		2700	ug/Kg	63				0	0	
Benzo(a)anthracene	4300	110	3600	ug/Kg	81				0	0	
Chrysene	4300	150	3700	ug/Kg	83				0	0	
Bis(2-ethylhexyl)phthalate	4300	0	3500	ug/Kg	81				0	0	
Di-n-octylphthalate	4300		3400	ug/Kg	79				0	0	
Benzo(b)fluoranthene	4300	180	3800	ug/Kg	84				0	0	
Benzo(k)fluoranthene	4300		3500	ug/Kg	81				0	0	
Benzo(a)pyrene	4300	120	3300	ug/Kg	74				0	0	
Indeno(1,2,3-cd)pyrene	4300		3700	ug/Kg	86				0	0	
Dibenzo(a,h)anthracene	4300		3500	ug/Kg	81				0	0	
Benzo(g,h,i)perylene	4300		3500	ug/Kg	81				0	0	
2,3,4,6-Tetrachlorophenol	4300		3700	ug/Kg	86				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3215-10MSD	Client Sample ID:	A4D23MSD					DataFile:	BP021032.D		
1,4-Dioxane	1700		1300	ug/Kg	76	0			15	120	50
Benzaldehyde	4300		3500	ug/Kg	81	3	*		0	0	0
Pyridine	4300		3300	ug/Kg	77	0			0	0	0
Phenol	4300		3800	ug/Kg	88	5			26	90	35
Bis(2-chloroethyl)ether	4300		3400	ug/Kg	79	7	*		0	0	0
2-Chlorophenol	4300		3700	ug/Kg	86	6			25	102	50
2-Methylphenol	4300		3700	ug/Kg	86	6	*		0	0	0
2,2-oxybis(1-Chloropropane)	4300		3400	ug/Kg	79	7	*		0	0	0
Acetophenone	4300		3600	ug/Kg	84	6	*		0	0	0
4-Methylphenol	4300		3800	ug/Kg	88	5	*		0	0	0
N-Nitroso-di-n-propylamine	4300		3400	ug/Kg	79	7			41	126	38
Hexachloroethane	4300		3300	ug/Kg	77	4	*		0	0	0
Nitrobenzene	4300		3600	ug/Kg	84	0			0	0	0
Isophorone	4300		3500	ug/Kg	81	3	*		0	0	0
2-Nitrophenol	4300		3800	ug/Kg	88	0			0	0	0
2,4-Dimethylphenol	4300		3600	ug/Kg	84	4	*		0	0	0
Bis(2-chloroethoxy)methane	4300		3400	ug/Kg	79	3	*		0	0	0
2,4-Dichlorophenol	4300		3900	ug/Kg	91	3	*		0	0	0
Naphthalene	4300		3600	ug/Kg	84	4	*		0	0	0
4-Chloroaniline	4300		3000	ug/Kg	70	0			0	0	0
Hexachlorobutadiene	4300		3500	ug/Kg	81	3	*		0	0	0
Caprolactam	4300		4100	ug/Kg	95	2	*		0	0	0
4-Chloro-3-methylphenol	4300		3900	ug/Kg	91	3			26	103	33
1-Methylnaphthalene	4300		3600	ug/Kg	84	0			0	0	0
2-Methylnaphthalene	4300		3600	ug/Kg	84	4	*		0	0	0
Hexachlorocyclopentadiene	4300		1800	ug/Kg	42	13	*		0	0	0
2,4,6-Trichlorophenol	4300		3800	ug/Kg	88	5	*		0	0	0
2,4,5-Trichlorophenol	4300		3900	ug/Kg	91	3	*		0	0	0
1,1'-Biphenyl	4300		3700	ug/Kg	86	2	*		0	0	0
2-Chloronaphthalene	4300		3600	ug/Kg	84	4	*		0	0	0
2-Nitroaniline	4300		4100	ug/Kg	95	0			0	0	0
Dimethylphthalate	4300		3600	ug/Kg	84	4	*		0	0	0
2,6-Dinitrotoluene	4300		3800	ug/Kg	88	0			0	0	0
Acenaphthylene	4300		3600	ug/Kg	84	0			0	0	0
3-Nitroaniline	4300		4400	ug/Kg	102	3	*		0	0	0
Acenaphthene	4300		3600	ug/Kg	84	4			31	137	19
2,4-Dinitrophenol	4300		3900	ug/Kg	91	6	*		0	0	0
4-Nitrophenol	4300		4100	ug/Kg	95	5			11	114	50
Dibenzofuran	4300		3700	ug/Kg	86	0			0	0	0
2,4-Dinitrotoluene	4300		4100	ug/Kg	95	*	0		28	89	47
Diethylphthalate	4300		3600	ug/Kg	84	0			0	0	0
Fluorene	4300		3700	ug/Kg	86	0			0	0	0
4-Chlorophenyl-phenylether	4300		3500	ug/Kg	81	0			0	0	0
4-Nitroaniline	4300		5500	ug/Kg	128	2	*		0	0	0
4,6-Dinitro-2-methylphenol	4300		3500	ug/Kg	81	3	*		0	0	0
N-Nitrosodiphenylamine	4300		3500	ug/Kg	81	5	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071724

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	4300		3700	ug/Kg	86	2	*		0	0	0
4-Bromophenyl-phenylether	4300		3400	ug/Kg	79	7	*		0	0	0
Hexachlorobenzene	4300		3500	ug/Kg	81	3	*		0	0	0
Atrazine	4300		2800	ug/Kg	65	3	*		0	0	0
Pentachlorophenol	4300		3600	ug/Kg	84	4			17	109	47
Phenanthrene	4300		3800	ug/Kg	88	2	*		0	0	0
Pentachlorobenzene	4300		3300	ug/Kg	77	4	*		0	0	0
Anthracene	4300		3600	ug/Kg	84	0			0	0	0
1,2,3,4-Tetrachlorobenzene	4300		3400	ug/Kg	79	9	*		0	0	0
Carbazole	4300		4200	ug/Kg	98	5	*		0	0	0
Di-n-butylphthalate	4300		3700	ug/Kg	86	2	*		0	0	0
Fluoranthene	4300	220	3500	ug/Kg	76	10	*		0	0	0
Pyrene	4300	200	3500	ug/Kg	77	7			35	142	36
Butylbenzylphthalate	4300		3400	ug/Kg	79	7	*		0	0	0
3,3'-Dichlorobenzidine	4300		2800	ug/Kg	65	3	*		0	0	0
Benzo(a)anthracene	4300	110	3800	ug/Kg	86	6	*		0	0	0
Chrysene	4300	150	3900	ug/Kg	87	5	*		0	0	0
Bis(2-ethylhexyl)phthalate	4300	0	3600	ug/Kg	84	4	*		0	0	0
Di-n-octylphthalate	4300		3400	ug/Kg	79	0			0	0	0
Benzo(b)fluoranthene	4300	180	3800	ug/Kg	84	0			0	0	0
Benzo(k)fluoranthene	4300		3600	ug/Kg	84	4	*		0	0	0
Benzo(a)pyrene	4300	120	3400	ug/Kg	76	3	*		0	0	0
Indeno(1,2,3-cd)pyrene	4300		3700	ug/Kg	86	0			0	0	0
Dibenzo(a,h)anthracene	4300		3600	ug/Kg	84	4	*		0	0	0
Benzo(g,h,i)perylene	4300		3600	ug/Kg	84	4	*		0	0	0
2,3,4,6-Tetrachlorophenol	4300		3800	ug/Kg	88	2	*		0	0	0



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

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3178-04	A4BS9	BP021019.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	15.26	38		20	120
			Phenol-d5	40	20.08	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.36	51		10	150
			2-Chlorophenol-d4	40	20.72	52		15	120
			4-Methylphenol-d8	40	20.75	52		10	140
			Nitrobenzene-d5	40	20.47	51		10	135
			2-Nitrophenol-d4	40	20.74	52		10	120
			2,4-Dichlorophenol-d3	40	20.62	52		10	140
			4-Chloroaniline-d4	40	21.98	55		1	145
			Dimethylphthalate-d6	40	23.00	57		10	145
			Acenaphthylene-d8	40	23.03	58		15	120
			4-Nitrophenol-d4	40	22.30	56		10	150
			Fluorene-d10	40	24.73	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.04	40		10	130
			Anthracene-d10	40	23.92	60		10	150
			Pyrene-d10	40	21.44	54		10	130
			Benzo(a)pyrene-d12	40	24.10	60		10	140

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-01	A4BD3	BP021023.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.23	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.29	56		10	150
			2-Chlorophenol-d4	40	23.32	58		15	120
			4-Methylphenol-d8	40	20.48	51		10	140
			Nitrobenzene-d5	40	23.72	59		10	135
			2-Nitrophenol-d4	40	23.91	60		10	120
			2,4-Dichlorophenol-d3	40	24.03	60		10	140
			4-Chloroaniline-d4	40	17.37	43		1	145
			Dimethylphthalate-d6	40	24.56	61		10	145
			Acenaphthylene-d8	40	25.60	64		15	120
			4-Nitrophenol-d4	40	25.29	63		10	150
			Fluorene-d10	40	27.65	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.14	45		10	130
			Anthracene-d10	40	26.89	67		10	150
			Pyrene-d10	40	18.31	46		10	130
			Benzo(a)pyrene-d12	40	13.47	34		10	140
P3215-02	A4BD4	BP021024.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	23.27	58		20	120
			Phenol-d5	40	33.08	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.59	81		10	150
			2-Chlorophenol-d4	40	32.13	80		15	120
			4-Methylphenol-d8	40	34.93	87		10	140
			Nitrobenzene-d5	40	34.76	87		10	135
			2-Nitrophenol-d4	40	35.73	89		10	120
			2,4-Dichlorophenol-d3	40	35.06	88		10	140
			4-Chloroaniline-d4	40	37.35	93		1	145
			Dimethylphthalate-d6	40	42.61	107		10	145
			Acenaphthylene-d8	40	39.95	100		15	120
			4-Nitrophenol-d4	40	43.37	108		10	150
			Fluorene-d10	40	42.61	107		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.07	80		10	130
			Anthracene-d10	40	43.88	110		10	150
			Pyrene-d10	40	41.25	103		10	130
			Benzo(a)pyrene-d12	40	45.14	113		10	140
P3215-03	A4C00	BP021041.D	1,4-Dioxane-d8	8	3.00	37		15	120
			Pyridine-d5	40	1.68	4	*	20	120
			Phenol-d5	40	17.93	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.30	51		10	150
			2-Chlorophenol-d4	40	19.60	49		15	120
			4-Methylphenol-d8	40	2.94	7	*	10	140
			Nitrobenzene-d5	40	22.76	57		10	135
			2-Nitrophenol-d4	40	23.46	59		10	120
			2,4-Dichlorophenol-d3	40	18.47	46		10	140
			4-Chloroaniline-d4	40	3.78	9		1	145
			Dimethylphthalate-d6	40	24.11	60		10	145
			Acenaphthylene-d8	40	23.83	60		15	120
			4-Nitrophenol-d4	40	21.22	53		10	150

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-03	A4C00	BP021041.D	Fluorene-d10	40	25.16	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.72	27		10	130
			Anthracene-d10	40	23.52	59		10	150
			Pyrene-d10	40	17.40	44		10	130
			Benzo(a)pyrene-d12	40	11.49	29		10	140
P3215-04	A4C02	BP021033.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	2.00	5	*	20	120
			Phenol-d5	40	22.30	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.11	53		10	150
			2-Chlorophenol-d4	40	22.64	57		15	120
			4-Methylphenol-d8	40	19.05	48		10	140
			Nitrobenzene-d5	40	22.84	57		10	135
			2-Nitrophenol-d4	40	23.26	58		10	120
			2,4-Dichlorophenol-d3	40	23.31	58		10	140
			4-Chloroaniline-d4	40	3.57	9		1	145
			Dimethylphthalate-d6	40	25.31	63		10	145
			Acenaphthylene-d8	40	25.29	63		15	120
			4-Nitrophenol-d4	40	23.67	59		10	150
			Fluorene-d10	40	26.26	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.95	45		10	130
			Anthracene-d10	40	25.60	64		10	150
			Pyrene-d10	40	18.11	45		10	130
			Benzo(a)pyrene-d12	40	12.54	31		10	140
			1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	2.93	7	*	20	120
P3215-05	A4C08	BP021034.D	Phenol-d5	40	20.86	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.12	53		10	150
			2-Chlorophenol-d4	40	21.59	54		15	120
			4-Methylphenol-d8	40	10.58	26		10	140
			Nitrobenzene-d5	40	22.66	57		10	135
			2-Nitrophenol-d4	40	23.47	59		10	120
			2,4-Dichlorophenol-d3	40	21.62	54		10	140
			4-Chloroaniline-d4	40	3.47	9		1	145
			Dimethylphthalate-d6	40	23.42	59		10	145
			Acenaphthylene-d8	40	23.00	57		15	120
			4-Nitrophenol-d4	40	23.10	58		10	150
			Fluorene-d10	40	24.32	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.14	40		10	130
			Anthracene-d10	40	23.38	58		10	150
			Pyrene-d10	40	16.06	40		10	130
			Benzo(a)pyrene-d12	40	10.98	27		10	140
			1,4-Dioxane-d8	8	2.93	37		15	120
			Pyridine-d5	40	2.05	5	*	20	120
			Phenol-d5	40	19.94	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.24	48		10	150
P3215-06	A4C09	BP021035.D	2-Chlorophenol-d4	40	20.61	52		15	120
			4-Methylphenol-d8	40	12.08	30		10	140
			Nitrobenzene-d5	40	20.62	52		10	135
			2-Nitrophenol-d4	40	21.34	53		10	120

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-06	A4C09	BP021035.D	2,4-Dichlorophenol-d3	40	20.26	51		10	140
			4-Chloroaniline-d4	40	4.11	10		1	145
			Dimethylphthalate-d6	40	21.17	53		10	145
			Acenaphthylene-d8	40	21.59	54		15	120
			4-Nitrophenol-d4	40	20.95	52		10	150
			Fluorene-d10	40	23.29	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.76	34		10	130
			Anthracene-d10	40	21.44	54		10	150
			Pyrene-d10	40	14.40	36		10	130
			Benzo(a)pyrene-d12	40	10.59	26		10	140
P3215-07	A4C12	BP021036.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	1.00	2	*	20	120
			Phenol-d5	40	21.52	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.79	52		10	150
			2-Chlorophenol-d4	40	22.06	55		15	120
			4-Methylphenol-d8	40	18.20	46		10	140
			Nitrobenzene-d5	40	21.98	55		10	135
			2-Nitrophenol-d4	40	22.24	56		10	120
			2,4-Dichlorophenol-d3	40	21.28	53		10	140
			4-Chloroaniline-d4	40	5.97	15		1	145
			Dimethylphthalate-d6	40	22.29	56		10	145
			Acenaphthylene-d8	40	22.33	56		15	120
			4-Nitrophenol-d4	40	18.03	45		10	150
			Fluorene-d10	40	23.60	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.73	29		10	130
			Anthracene-d10	40	22.64	57		10	150
			Pyrene-d10	40	15.21	38		10	130
			Benzo(a)pyrene-d12	40	10.34	26		10	140
P3215-08	A4D23	BP021030.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	17.40	44		20	120
			Phenol-d5	40	26.05	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.96	65		10	150
			2-Chlorophenol-d4	40	26.02	65		15	120
			4-Methylphenol-d8	40	27.63	69		10	140
			Nitrobenzene-d5	40	26.13	65		10	135
			2-Nitrophenol-d4	40	26.94	67		10	120
			2,4-Dichlorophenol-d3	40	27.07	68		10	140
			4-Chloroaniline-d4	40	23.90	60		1	145
			Dimethylphthalate-d6	40	29.33	73		10	145
			Acenaphthylene-d8	40	29.40	74		15	120
			4-Nitrophenol-d4	40	24.83	62		10	150
			Fluorene-d10	40	30.35	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.67	54		10	130
			Anthracene-d10	40	30.48	76		10	150
			Pyrene-d10	40	28.12	70		10	130
			Benzo(a)pyrene-d12	40	30.26	76		10	140
P3215-09MS	A4D23MS	BP021031.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	20.33	51		20	120
			Phenol-d5	40	27.69	69		10	130

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-09MS	A4D23MS	BP021031.D	Bis(2-Chloroethyl)ether-d8	40	27.00	68		10	150
			2-Chlorophenol-d4	40	28.07	70		15	120
			4-Methylphenol-d8	40	28.04	70		10	140
			Nitrobenzene-d5	40	29.67	74		10	135
			2-Nitrophenol-d4	40	29.39	73		10	120
			2,4-Dichlorophenol-d3	40	30.51	76		10	140
			4-Chloroaniline-d4	40	26.40	66		1	145
			Dimethylphthalate-d6	40	29.74	74		10	145
			Acenaphthylene-d8	40	30.39	76		15	120
			4-Nitrophenol-d4	40	31.84	80		10	150
			Fluorene-d10	40	31.84	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.80	69		10	130
			Anthracene-d10	40	30.47	76		10	150
			Pyrene-d10	40	27.34	68		10	130
			Benzo(a)pyrene-d12	40	30.99	77		10	140
P3215-10MSD	A4D23MSD	BP021032.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	20.75	52		20	120
			Phenol-d5	40	29.50	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.50	71		10	150
			2-Chlorophenol-d4	40	29.25	73		15	120
			4-Methylphenol-d8	40	29.65	74		10	140
			Nitrobenzene-d5	40	30.06	75		10	135
			2-Nitrophenol-d4	40	30.76	77		10	120
			2,4-Dichlorophenol-d3	40	31.30	78		10	140
			4-Chloroaniline-d4	40	26.78	67		1	145
			Dimethylphthalate-d6	40	30.49	76		10	145
			Acenaphthylene-d8	40	30.84	77		15	120
			4-Nitrophenol-d4	40	32.17	80		10	150
			Fluorene-d10	40	32.06	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.23	71		10	130
			Anthracene-d10	40	31.45	79		10	150
			Pyrene-d10	40	28.38	71		10	130
P3215-11	A4D24	BP021020.D	Benzo(a)pyrene-d12	40	31.24	78		10	140
			1,4-Dioxane-d8	8	3.40	43		15	120
			Pyridine-d5	40	16.09	40		20	120
			Phenol-d5	40	19.08	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.00	47		10	150
			2-Chlorophenol-d4	40	19.98	50		15	120
			4-Methylphenol-d8	40	19.87	50		10	140
			Nitrobenzene-d5	40	20.12	50		10	135
			2-Nitrophenol-d4	40	19.79	49		10	120
			2,4-Dichlorophenol-d3	40	19.54	49		10	140
			4-Chloroaniline-d4	40	19.80	49		1	145
			Dimethylphthalate-d6	40	21.95	55		10	145
			Acenaphthylene-d8	40	22.25	56		15	120
			4-Nitrophenol-d4	40	21.66	54		10	150
			Fluorene-d10	40	24.53	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.53	36		10	130
			Anthracene-d10	40	24.71	62		10	150

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-11	A4D24	BP021020.D	Pyrene-d10	40	21.44	54		10	130
			Benzo(a)pyrene-d12	40	23.84	60		10	140
P3215-12	A4D25	BP021021.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	13.46	34		20	120
			Phenol-d5	40	17.31	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.75	44		10	150
			2-Chlorophenol-d4	40	18.46	46		15	120
			4-Methylphenol-d8	40	18.98	47		10	140
			Nitrobenzene-d5	40	17.63	44		10	135
			2-Nitrophenol-d4	40	17.83	45		10	120
			2,4-Dichlorophenol-d3	40	18.18	45		10	140
			4-Chloroaniline-d4	40	18.22	46		1	145
			Dimethylphthalate-d6	40	20.18	50		10	145
			Acenaphthylene-d8	40	20.31	51		15	120
			4-Nitrophenol-d4	40	16.31	41		10	150
			Fluorene-d10	40	22.00	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.86	27		10	130
			Anthracene-d10	40	21.71	54		10	150
			Pyrene-d10	40	19.48	49		10	130
			Benzo(a)pyrene-d12	40	21.50	54		10	140
P3215-13	A4D26	BP021040.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	0.89	2	*	20	120
			Phenol-d5	40	23.29	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.18	58		10	150
			2-Chlorophenol-d4	40	24.05	60		15	120
			4-Methylphenol-d8	40	20.71	52		10	140
			Nitrobenzene-d5	40	25.15	63		10	135
			2-Nitrophenol-d4	40	25.96	65		10	120
			2,4-Dichlorophenol-d3	40	24.90	62		10	140
			4-Chloroaniline-d4	40	3.82	10		1	145
			Dimethylphthalate-d6	40	26.61	67		10	145
			Acenaphthylene-d8	40	26.41	66		15	120
			4-Nitrophenol-d4	40	21.50	54		10	150
			Fluorene-d10	40	27.38	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.31	23		10	130
			Anthracene-d10	40	27.35	68		10	150
			Pyrene-d10	40	18.69	47		10	130
			Benzo(a)pyrene-d12	40	12.60	31		10	140
P3215-15	A4D43	BP021037.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	2.67	7	*	20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.43	54		10	150
			2-Chlorophenol-d4	40	22.11	55		15	120
			4-Methylphenol-d8	40	12.99	32		10	140
			Nitrobenzene-d5	40	23.59	59		10	135
			2-Nitrophenol-d4	40	24.23	61		10	120
			2,4-Dichlorophenol-d3	40	22.57	56		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	25.49	64		10	145

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-15	A4D43	BP021037.D	Acenaphthylene-d8	40	24.75	62		15	120
			4-Nitrophenol-d4	40	22.16	55		10	150
			Fluorene-d10	40	26.21	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.98	35		10	130
			Anthracene-d10	40	25.63	64		10	150
			Pyrene-d10	40	17.06	43		10	130
			Benzo(a)pyrene-d12	40	11.64	29		10	140
P3215-16	A4D44	BP021038.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	8.26	21		20	120
			Phenol-d5	40	26.16	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.51	64		10	150
			2-Chlorophenol-d4	40	27.06	68		15	120
			4-Methylphenol-d8	40	23.25	58		10	140
			Nitrobenzene-d5	40	29.09	73		10	135
			2-Nitrophenol-d4	40	29.63	74		10	120
			2,4-Dichlorophenol-d3	40	28.36	71		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	30.56	76		10	145
			Acenaphthylene-d8	40	29.93	75		15	120
			4-Nitrophenol-d4	40	29.16	73		10	150
			Fluorene-d10	40	31.48	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.59	34		10	130
			Anthracene-d10	40	30.92	77		10	150
			Pyrene-d10	40	19.03	48		10	130
			Benzo(a)pyrene-d12	40	13.69	34		10	140
			1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.98	55		10	130
P3215-19	A4CJ4	BP021039.D	Bis(2-Chloroethyl)ether-d8	40	21.31	53		10	150
			2-Chlorophenol-d4	40	22.51	56		15	120
			4-Methylphenol-d8	40	20.46	51		10	140
			Nitrobenzene-d5	40	23.10	58		10	135
			2-Nitrophenol-d4	40	23.46	59		10	120
			2,4-Dichlorophenol-d3	40	23.62	59		10	140
			4-Chloroaniline-d4	40	13.30	33		1	145
			Dimethylphthalate-d6	40	25.13	63		10	145
			Acenaphthylene-d8	40	25.26	63		15	120
			4-Nitrophenol-d4	40	19.27	48		10	150
			Fluorene-d10	40	26.00	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.99	17		10	130
			Anthracene-d10	40	26.54	66		10	150
			Pyrene-d10	40	20.93	52		10	130
			Benzo(a)pyrene-d12	40	18.92	47		10	140
			Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	3.33	42		15	120
			Phenol-d5	40	16.16	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.68	42		10	150
			2-Chlorophenol-d4	40	17.21	43		15	120
			4-Methylphenol-d8	40	14.27	36		10	140
P3215-20	A4CJ5	BP021025.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	3.33	42		15	120
			Phenol-d5	40	16.16	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.68	42		10	150
			2-Chlorophenol-d4	40	17.21	43		15	120

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-20	A4CJ5	BP021025.D	Nitrobenzene-d5	40	17.49	44		10	135
			2-Nitrophenol-d4	40	16.98	42		10	120
			2,4-Dichlorophenol-d3	40	16.06	40		10	140
			4-Chloroaniline-d4	40	12.43	31		1	145
			Dimethylphthalate-d6	40	19.68	49		10	145
			Acenaphthylene-d8	40	19.09	48		15	120
			4-Nitrophenol-d4	40	16.38	41		10	150
			Fluorene-d10	40	21.07	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.48	31		10	130
			Anthracene-d10	40	20.37	51		10	150
			Pyrene-d10	40	17.25	43		10	130
			Benzo(a)pyrene-d12	40	14.93	37		10	140
P3215-21	A4CJ6	BP021026.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.28	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.91	47		10	150
			2-Chlorophenol-d4	40	19.75	49		15	120
			4-Methylphenol-d8	40	17.32	43		10	140
			Nitrobenzene-d5	40	19.32	48		10	135
			2-Nitrophenol-d4	40	19.63	49		10	120
			2,4-Dichlorophenol-d3	40	18.65	47		10	140
			4-Chloroaniline-d4	40	16.11	40		1	145
			Dimethylphthalate-d6	40	20.67	52		10	145
			Acenaphthylene-d8	40	20.87	52		15	120
			4-Nitrophenol-d4	40	21.27	53		10	150
			Fluorene-d10	40	22.72	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.11	35		10	130
			Anthracene-d10	40	22.50	56		10	150
			Pyrene-d10	40	17.84	45		10	130
			Benzo(a)pyrene-d12	40	15.54	39		10	140
P3215-23	A4CJ8	BP021022.D	1,4-Dioxane-d8	8	2.65	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.04	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.70	42		10	150
			2-Chlorophenol-d4	40	16.89	42		15	120
			4-Methylphenol-d8	40	17.42	44		10	140
			Nitrobenzene-d5	40	16.52	41		10	135
			2-Nitrophenol-d4	40	17.05	43		10	120
			2,4-Dichlorophenol-d3	40	17.16	43		10	140
			4-Chloroaniline-d4	40	4.42	11		1	145
			Dimethylphthalate-d6	40	18.93	47		10	145
			Acenaphthylene-d8	40	18.93	47		15	120
			4-Nitrophenol-d4	40	17.82	45		10	150
			Fluorene-d10	40	20.03	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.97	32		10	130
			Anthracene-d10	40	19.35	48		10	150
			Pyrene-d10	40	15.77	39		10	130
			Benzo(a)pyrene-d12	40	13.40	33		10	140
PB162057BL	PB162057BL	BP021017.D	1,4-Dioxane-d8	8	6.07	76		15	120

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162057BL	PB162057BL	BP021017.D	Pyridine-d5	40	26.68	67		20	120
			1,4-Dioxane-d8	8	5.61	70		15	120
		BP021029.D	Pyridine-d5	40	25.83	65		20	120
			Phenol-d5	40	28.21	71		10	130
		BP021017.D	Phenol-d5	40	26.63	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.43	69		10	150
		BP021029.D	Bis(2-Chloroethyl)ether-d8	40	28.27	71		10	150
			2-Chlorophenol-d4	40	27.77	69		15	120
		BP021017.D	2-Chlorophenol-d4	40	27.07	68		15	120
			4-Methylphenol-d8	40	25.81	65		10	140
		BP021029.D	4-Methylphenol-d8	40	28.45	71		10	140
			Nitrobenzene-d5	40	28.26	71		10	135
		BP021017.D	Nitrobenzene-d5	40	28.21	71		10	135
			2-Nitrophenol-d4	40	29.01	73		10	120
		BP021029.D	2-Nitrophenol-d4	40	28.93	72		10	120
			2,4-Dichlorophenol-d3	40	27.05	68		10	140
		BP021017.D	2,4-Dichlorophenol-d3	40	25.97	65		10	140
			4-Chloroaniline-d4	40	27.27	68		1	145
		BP021029.D	4-Chloroaniline-d4	40	27.42	69		1	145
			Dimethylphthalate-d6	40	29.82	75		10	145
		BP021017.D	Dimethylphthalate-d6	40	30.41	76		10	145
			Acenaphthylene-d8	40	29.61	74		15	120
		BP021029.D	Acenaphthylene-d8	40	30.20	76		15	120
			4-Nitrophenol-d4	40	29.50	74		10	150
		BP021017.D	4-Nitrophenol-d4	40	29.41	74		10	150
			Fluorene-d10	40	31.30	78		20	140
		BP021029.D	Fluorene-d10	40	31.50	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.54	56		10	130
		BP021017.D	4,6-Dinitro-2-methylphenol-d2	40	24.93	62		10	130
			Anthracene-d10	40	32.15	80		10	150
		BP021029.D	Anthracene-d10	40	31.27	78		10	150
			Pyrene-d10	40	28.13	70		10	130
		BP021017.D	Pyrene-d10	40	27.04	68		10	130
			Benzo(a)pyrene-d12	40	30.57	76		10	140
		BP021029.D	Benzo(a)pyrene-d12	40	30.08	75		10	140
PB162057BS	PB162057BS	BP021027.D	1,4-Dioxane-d8	8	6.65	83		15	120
			Pyridine-d5	40	27.45	69		20	120
			Phenol-d5	40	32.48	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.70	77		10	150
			2-Chlorophenol-d4	40	31.04	78		15	120
			4-Methylphenol-d8	40	32.11	80		10	140
			Nitrobenzene-d5	40	31.07	78		10	135
			2-Nitrophenol-d4	40	32.34	81		10	120
			2,4-Dichlorophenol-d3	40	32.34	81		10	140
			4-Chloroaniline-d4	40	28.34	71		1	145
			Dimethylphthalate-d6	40	31.92	80		10	145
			Acenaphthylene-d8	40	32.18	80		15	120
			4-Nitrophenol-d4	40	35.22	88		10	150
			Fluorene-d10	40	33.42	84		20	140



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

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162057BS	PB162057BS	BP021027.D	4,6-Dinitro-2-methylphenol-d2	40	30.64	77		10	130
			Anthracene-d10	40	32.41	81		10	150
			Pyrene-d10	40	30.61	77		10	130
			Benzo(a)pyrene-d12	40	32.40	81		10	140



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

Surrogate Summary

SW-846

SDG No.: BP071724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3255-01	HD-01-07152024	BP021018.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	94.24	236	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	15.06	38		10	150
			2-Chlorophenol-d4	40	16.53	41		15	120
			4-Methylphenol-d8	40	15.99	40		10	140
			Nitrobenzene-d5	40	71.31	178	*	10	135
			2-Nitrophenol-d4	40	15.23	38		10	120
			2,4-Dichlorophenol-d3	40	15.54	39		10	140
			4-Chloroaniline-d4	40	11.63	29		1	145
			Dimethylphthalate-d6	40	16.04	40		10	145
			Acenaphthylene-d8	40	16.18	40		15	120
			4-Nitrophenol-d4	40	14.21	36		10	150
			Fluorene-d10	40	16.71	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.02	28		10	130
			Anthracene-d10	40	16.64	42		10	150
			Pyrene-d10	40	15.56	39		10	130
			Benzo(a)pyrene-d12	40	16.68	42		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071724

Lab Code: CHEM

SAS No.: BP071724 SDG NO.: BP071724

Lab File ID: BP021015.D

DFTPP Injection Date: 07/17/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.3
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
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	6.7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	97.5
443	15.0 - 24.0% of mass 442	19.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020692	SSTDCCC020	BP021016.D	07/17/2024	13:42
SBLK057	PB162057BL	BP021017.D	07/17/2024	14:25
HD-01-07152024	P3255-01	BP021018.D	07/17/2024	15:10
A4BS9	P3178-04	BP021019.D	07/17/2024	15:54
A4D24	P3215-11	BP021020.D	07/17/2024	16:38
A4D25	P3215-12	BP021021.D	07/17/2024	17:23
A4CJ8	P3215-23	BP021022.D	07/17/2024	18:07
A4BD3	P3215-01	BP021023.D	07/17/2024	18:52
A4BD4	P3215-02	BP021024.D	07/17/2024	19:36
A4CJ5	P3215-20	BP021025.D	07/17/2024	20:20
A4CJ6	P3215-21	BP021026.D	07/17/2024	21:04
SLCS057	PB162057BS	BP021027.D	07/17/2024	21:48
SSTD020693	SSTDCCC020	BP021028.D	07/17/2024	23:15
SBLK057	PB162057BL	BP021029.D	07/17/2024	23:59
A4D23	P3215-08	BP021030.D	07/18/2024	00:42
A4D23MS	P3215-09MS	BP021031.D	07/18/2024	01:26
A4D23MSD	P3215-10MSD	BP021032.D	07/18/2024	02:09
A4C02	P3215-04	BP021033.D	07/18/2024	02:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071724

Lab Code: CHEM

SAS No.: BP071724

SDG NO.: BP071724

Lab File ID: BP021015.D

DFTPP Injection Date: 07/17/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.3
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
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	6.7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	97.5
443	15.0 - 24.0% of mass 442	19.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4C08	P3215-05	BP021034.D	07/18/2024	03:36
A4C09	P3215-06	BP021035.D	07/18/2024	04:20
A4C12	P3215-07	BP021036.D	07/18/2024	05:03
A4D43	P3215-15	BP021037.D	07/18/2024	05:46
A4D44	P3215-16	BP021038.D	07/18/2024	06:30
A4CJ4	P3215-19	BP021039.D	07/18/2024	07:13
A4D26	P3215-13	BP021040.D	07/18/2024	07:55
A4C00	P3215-03	BP021041.D	07/18/2024	08:38
SSTD020694	SSTDCCC020EC	BP021042.D	07/18/2024	09:20