

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224
Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1:12:18
Lab File ID: BP020073.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020773 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.480	0.010	-12.4866	40.0
Benzaldehyde	1.042	1.229	0.010	17.9498	40.0
Pyridine	1.488	1.384	0.010	-6.9674	40.0
Phenol	1.837	1.879	0.080	2.3078	20.0
Bis(2-Chloroethyl) ether	1.500	1.507	0.100	0.4777	20.0
2-Chlorophenol	1.254	1.332	0.200	6.2321	20.0
2-Methylphenol	1.346	1.370	0.010	1.784	20.0
2,2-oxybis(1-Chloropropane)	2.192	2.179	0.010	-0.5924	40.0
Acetophenone	2.332	2.296	0.060	-1.5825	20.0
4-Methylphenol	1.432	1.432	0.010	-0.0115	20.0
N-Nitroso-di-n-propylamine	1.362	1.317	0.050	-3.36	30.0
Hexachloroethane	0.617	0.639	0.100	3.531	20.0
Nitrobenzene	0.469	0.504	0.050	7.4427	25.0
Isophorone	0.870	0.899	0.050	3.2999	25.0
2-Nitrophenol	0.166	0.192	0.050	16.1355	25.0
2,4-Dimethylphenol	0.396	0.423	0.050	6.7268	25.0
Bis(2-Chloroethoxy) methane	0.488	0.512	0.050	4.8928	20.0
2,4-Dichlorophenol	0.300	0.322	0.060	7.1247	20.0
Naphthalene	1.037	1.080	0.200	4.1806	20.0
4-Chloroaniline	0.409	0.411	0.010	0.55	40.0
Hexachlorobutadiene	0.247	0.276	0.040	11.6687	30.0
Caprolactam	0.094	0.091	0.010	-2.85	40.0
4-Chloro-3-methylphenol	0.360	0.352	0.040	-2.1897	25.0
1-Methylnaphthalene	0.711	0.669	0.100	-5.9648	20.0
2-Methylnaphthalene	0.716	0.687	0.100	-4.0648	20.0
Hexachlorocyclopentadiene	0.375	0.474	0.010	26.2742	40.0
2,4,6-Trichlorophenol	0.391	0.467	0.090	19.5913	25.0
2,4,5-Trichlorophenol	0.406	0.480	0.100	18.1282	25.0
1,1-Biphenyl	1.434	1.632	0.200	13.7848	20.0
2-Chloronaphthalene	1.145	1.283	0.300	12.0054	20.0
2-Nitroaniline	0.372	0.438	0.050	17.6529	40.0
Dimethylphthalate	1.404	1.549	0.300	10.3511	20.0
2,6-Dinitrotoluene	0.265	0.304	0.080	14.8119	30.0
Acenaphthylene	1.836	1.913	0.400	4.1543	20.0
3-Nitroaniline	0.251	0.298	0.010	18.6952	40.0
Acenaphthene	1.211	1.249	0.200	3.1575	20.0
2,4-Dinitrophenol	0.159	0.125	0.010	-21.2375	40.0
4-Nitrophenol	0.237	0.210	0.010	-11.2995	40.0
Dibenzofuran	1.671	1.691	0.300	1.1614	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224

Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1:12:18

Lab File ID: BP020073.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020773 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.404	0.070	7.7915	30.0
Diethylphthalate	1.409	1.449	0.300	2.832	20.0
Fluorene	1.381	1.311	0.200	-5.0784	20.0
4-Chlorophenyl-phenylether	0.750	0.719	0.100	-4.2346	20.0
4-Nitroaniline	0.223	0.262	0.010	17.5393	40.0
4,6-Dinitro-2-methylphenol	0.121	0.083	0.010	-31.4714	40.0
N-Nitrosodiphenylamine	0.553	0.602	0.050	8.7443	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.787	0.100	20.7293	20.0
4-Bromophenyl-phenylether	0.219	0.235	0.070	6.9237	20.0
Hexachlorobenzene	0.237	0.254	0.050	7.0691	25.0
Atrazine	0.203	0.221	0.010	8.6402	25.0
Pentachlorophenol	0.144	0.146	0.010	1.3154	40.0
Phenanthrene	1.038	1.067	0.200	2.7199	20.0
Pentachlorobenzene	0.298	0.340	0.050	13.9366	20.0
Anthracene	1.059	1.070	0.200	1.0012	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.408	0.050	28.7404	20.0
Carbazole	0.908	0.950	0.050	4.68	40.0
Di-n-butylphthalate	1.095	1.168	0.500	6.6543	25.0
Fluoranthene	1.264	1.425	0.400	12.7555	25.0
Pyrene	1.315	1.459	0.400	11.0014	25.0
Butylbenzylphthalate	0.501	0.606	0.100	20.8986	40.0
3,3-Dichlorobenzidine	0.442	0.420	0.010	-4.9527	40.0
Benzo (a) anthracene	1.383	1.459	0.300	5.4807	30.0
Chrysene	1.303	1.355	0.200	3.9827	30.0
Bis(2-ethylhexyl)phthalate	0.773	0.863	0.200	11.7303	40.0
Di-n-octyl phthalate	1.236	1.348	0.010	9.0769	40.0
Benzo (b) fluoranthene	1.205	1.276	0.200	5.8749	25.0
Benzo (k) fluoranthene	1.236	1.206	0.200	-2.438	25.0
Benzo (a) pyrene	1.162	1.182	0.200	1.7807	20.0
Indeno (1,2,3-cd) pyrene	1.347	1.437	0.200	6.7171	25.0
Dibenzo (a,h) anthracene	1.097	1.184	0.200	7.8718	30.0
Benzo (g,h,i) perylene	1.077	1.122	0.200	4.1467	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.364	0.040	3.6124	20.0
1,4-Dioxane-d8	0.488	0.424	0.010	-13.1102	25.0
Pyridine-d5	1.437	1.332	0.010	-7.3005	40.0
Phenol-d5	1.743	1.786	0.010	2.4646	25.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.191	0.050	-2.2361	25.0
2-Chlorophenol-d4	1.190	1.294	0.200	8.731	20.0
4-Methylphenol-d8	1.362	1.382	0.010	1.4917	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
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 Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1:12:18
 Lab File ID: BP020073.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020773 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.162	0.050	12.8486	20.0
2-Nitrophenol-d4	0.156	0.189	0.050	21.7803	30.0
2,4-Dichlorophenol-d3	0.309	0.338	0.060	9.5755	20.0
4-Chloroaniline-d4	0.412	0.421	0.010	2.1896	40.0
Dimethylphthalate-d6	1.367	1.578	0.300	15.475	20.0
Acenaphthylene-d8	1.629	1.713	0.400	5.178	20.0
4-Nitrophenol-d4	0.208	0.202	0.010	-2.9862	40.0
Fluorene-d10	1.217	1.174	0.100	-3.5065	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.080	0.010	-31.9216	40.0
Anthracene-d10	0.896	0.922	0.300	2.8901	20.0
Pyrene-d10	1.075	1.209	0.300	12.4464	25.0
Benzo(a)pyrene-d12	0.977	1.002	0.010	2.6009	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.: BP042224 SAS No.: BP042224 SDG No.: BP042224

Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1: 22:34

Lab File ID: BP020087.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020774 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.526	0.010	-4.0699	40.0
Benzaldehyde	1.042	1.218	0.010	16.9169	40.0
Pyridine	1.488	1.427	0.010	-4.081	40.0
Phenol	1.837	1.841	0.080	0.2041	20.0
Bis(2-Chloroethyl)ether	1.500	1.486	0.100	-0.8993	20.0
2-Chlorophenol	1.254	1.349	0.200	7.5499	20.0
2-Methylphenol	1.346	1.337	0.010	-0.675	20.0
2,2-oxybis(1-Chloropropane)	2.192	2.141	0.010	-2.3234	40.0
Acetophenone	2.332	2.267	0.060	-2.787	20.0
4-Methylphenol	1.432	1.423	0.010	-0.67	20.0
N-Nitroso-di-n-propylamine	1.362	1.292	0.050	-5.1741	30.0
Hexachloroethane	0.617	0.650	0.100	5.3344	20.0
Nitrobenzene	0.469	0.493	0.050	5.1107	25.0
Isophorone	0.870	0.882	0.050	1.4003	25.0
2-Nitrophenol	0.166	0.189	0.050	14.2663	25.0
2,4-Dimethylphenol	0.396	0.413	0.050	4.3092	25.0
Bis(2-Chloroethoxy)methane	0.488	0.498	0.050	2.0964	20.0
2,4-Dichlorophenol	0.300	0.333	0.060	10.7238	20.0
Naphthalene	1.037	1.081	0.200	4.2212	20.0
4-Chloroaniline	0.409	0.426	0.010	4.1664	40.0
Hexachlorobutadiene	0.247	0.271	0.040	9.5618	30.0
Caprolactam	0.094	0.108	0.010	14.3657	40.0
4-Chloro-3-methylphenol	0.360	0.395	0.040	9.653	25.0
1-Methylnaphthalene	0.711	0.734	0.100	3.1972	20.0
2-Methylnaphthalene	0.716	0.729	0.100	1.8045	20.0
Hexachlorocyclopentadiene	0.375	0.264	0.010	-29.8223	40.0
2,4,6-Trichlorophenol	0.391	0.435	0.090	11.2697	25.0
2,4,5-Trichlorophenol	0.406	0.471	0.100	16.0586	25.0
1,1-Biphenyl	1.434	1.481	0.200	3.2851	20.0
2-Chloronaphthalene	1.145	1.205	0.300	5.169	20.0
2-Nitroaniline	0.372	0.437	0.050	17.3497	40.0
Dimethylphthalate	1.404	1.511	0.300	7.6868	20.0
2,6-Dinitrotoluene	0.265	0.312	0.080	17.6903	30.0
Acenaphthylene	1.836	1.932	0.400	5.2229	20.0
3-Nitroaniline	0.251	0.326	0.010	29.8911	40.0
Acenaphthene	1.211	1.271	0.200	5.0327	20.0
2,4-Dinitrophenol	0.159	0.125	0.010	-21.7288	40.0
4-Nitrophenol	0.237	0.256	0.010	7.8443	40.0
Dibenzofuran	1.671	1.763	0.300	5.5103	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224

Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1: 22:34

Lab File ID: BP020087.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020774 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.457	0.070	21.9602	30.0
Diethylphthalate	1.409	1.555	0.300	10.3517	20.0
Fluorene	1.381	1.467	0.200	6.2083	20.0
4-Chlorophenyl-phenylether	0.750	0.793	0.100	5.6713	20.0
4-Nitroaniline	0.223	0.324	0.010	45.3611	40.0
4,6-Dinitro-2-methylphenol	0.121	0.099	0.010	-18.2973	40.0
N-Nitrosodiphenylamine	0.553	0.550	0.050	-0.5518	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.698	0.100	7.1232	20.0
4-Bromophenyl-phenylether	0.219	0.227	0.070	3.2761	20.0
Hexachlorobenzene	0.237	0.257	0.050	8.3786	25.0
Atrazine	0.203	0.225	0.010	10.6795	25.0
Pentachlorophenol	0.144	0.164	0.010	13.857	40.0
Phenanthrene	1.038	1.074	0.200	3.3859	20.0
Pentachlorobenzene	0.298	0.302	0.050	1.1909	20.0
Anthracene	1.059	1.096	0.200	3.5255	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.309	0.050	-2.4697	20.0
Carbazole	0.908	0.973	0.050	7.2464	40.0
Di-n-butylphthalate	1.095	1.208	0.500	10.333	25.0
Fluoranthene	1.264	1.444	0.400	14.245	25.0
Pyrene	1.315	1.474	0.400	12.129	25.0
Butylbenzylphthalate	0.501	0.614	0.100	22.5635	40.0
3,3-Dichlorobenzidine	0.442	0.430	0.010	-2.736	40.0
Benzo (a) anthracene	1.383	1.459	0.300	5.4321	30.0
Chrysene	1.303	1.363	0.200	4.6183	30.0
Bis(2-ethylhexyl)phthalate	0.773	0.879	0.200	13.6852	40.0
Di-n-octyl phthalate	1.236	1.336	0.010	8.0946	40.0
Benzo (b) fluoranthene	1.205	1.263	0.200	4.7463	25.0
Benzo (k) fluoranthene	1.236	1.247	0.200	0.9437	25.0
Benzo (a) pyrene	1.162	1.178	0.200	1.4044	20.0
Indeno (1,2,3-cd) pyrene	1.347	1.438	0.200	6.7586	25.0
Dibenzo (a,h) anthracene	1.097	1.190	0.200	8.4235	30.0
Benzo (g,h,i) perylene	1.077	1.120	0.200	3.9435	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.426	0.040	21.0412	20.0
1,4-Dioxane-d8	0.488	0.479	0.010	-1.941	25.0
Pyridine-d5	1.437	1.367	0.010	-4.8768	40.0
Phenol-d5	1.743	1.763	0.010	1.1646	25.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.179	0.050	-3.2113	25.0
2-Chlorophenol-d4	1.190	1.316	0.200	10.5935	20.0
4-Methylphenol-d8	1.362	1.356	0.010	-0.4389	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224
 Instrument ID: BNA_P Calibration Date/Time: 4/22/2024 1: 22:34
 Lab File ID: BP020087.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020774 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.160	0.050	10.9582	20.0
2-Nitrophenol-d4	0.156	0.184	0.050	18.3346	30.0
2,4-Dichlorophenol-d3	0.309	0.346	0.060	12.1288	20.0
4-Chloroaniline-d4	0.412	0.434	0.010	5.3997	40.0
Dimethylphthalate-d6	1.367	1.464	0.300	7.0958	20.0
Acenaphthylene-d8	1.629	1.756	0.400	7.8018	20.0
4-Nitrophenol-d4	0.208	0.245	0.010	17.6711	40.0
Fluorene-d10	1.217	1.304	0.100	7.1403	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.093	0.010	-20.5003	40.0
Anthracene-d10	0.896	0.941	0.300	5.0117	20.0
Pyrene-d10	1.075	1.221	0.300	13.6116	25.0
Benzo(a)pyrene-d12	0.977	1.015	0.010	3.9247	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.: BP042224 SAS No.: BP042224 SDG No.: BP042224

Instrument ID: BNA_P Calibration Date/Time: 4/23/2024 1:06:28

Lab File ID: BP020096.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.508	0.010	-7.4648	50.0
Benzaldehyde	1.042	1.177	0.010	12.9656	50.0
Pyridine	1.488	1.396	0.010	-6.1694	50.0
Phenol	1.837	1.825	0.080	-0.6342	50.0
Bis(2-Chloroethyl)ether	1.500	1.444	0.100	-3.7319	50.0
2-Chlorophenol	1.254	1.318	0.200	5.0762	50.0
2-Methylphenol	1.346	1.347	0.010	0.0752	50.0
2,2-oxybis(1-Chloropropane)	2.192	2.087	0.010	-4.8059	50.0
Acetophenone	2.332	2.325	0.060	-0.3162	50.0
4-Methylphenol	1.432	1.438	0.010	0.4249	50.0
N-Nitroso-di-n-propylamine	1.362	1.298	0.050	-4.7432	50.0
Hexachloroethane	0.617	0.637	0.100	3.2097	50.0
Nitrobenzene	0.469	0.466	0.050	-0.5137	50.0
Isophorone	0.870	0.868	0.050	-0.2133	50.0
2-Nitrophenol	0.166	0.182	0.050	9.7046	50.0
2,4-Dimethylphenol	0.396	0.406	0.050	2.4674	50.0
Bis(2-Chloroethoxy)methane	0.488	0.483	0.050	-1.0425	50.0
2,4-Dichlorophenol	0.300	0.330	0.060	9.7122	50.0
Naphthalene	1.037	1.071	0.200	3.2209	50.0
4-Chloroaniline	0.409	0.431	0.010	5.4642	50.0
Hexachlorobutadiene	0.247	0.268	0.040	8.481	50.0
Caprolactam	0.094	0.106	0.010	12.8236	50.0
4-Chloro-3-methylphenol	0.360	0.396	0.040	9.9788	50.0
1-Methylnaphthalene	0.711	0.747	0.100	5.1238	50.0
2-Methylnaphthalene	0.716	0.745	0.100	4.0955	50.0
Hexachlorocyclopentadiene	0.375	0.537	0.010	43.1233	50.0
2,4,6-Trichlorophenol	0.391	0.424	0.090	8.6129	50.0
2,4,5-Trichlorophenol	0.406	0.455	0.100	12.1599	50.0
1,1-Biphenyl	1.434	1.452	0.200	1.2753	50.0
2-Chloronaphthalene	1.145	1.187	0.300	3.6622	50.0
2-Nitroaniline	0.372	0.407	0.050	9.4877	50.0
Dimethylphthalate	1.404	1.478	0.300	5.2985	50.0
2,6-Dinitrotoluene	0.265	0.308	0.080	16.1618	50.0
Acenaphthylene	1.836	1.911	0.400	4.0701	50.0
3-Nitroaniline	0.251	0.311	0.010	24.0598	50.0
Acenaphthene	1.211	1.266	0.200	4.5738	50.0
2,4-Dinitrophenol	0.159	0.176	0.010	10.6371	50.0
4-Nitrophenol	0.237	0.239	0.010	0.753	50.0
Dibenzofuran	1.671	1.736	0.300	3.8618	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224
Instrument ID: BNA_P Calibration Date/Time: 4/23/2024 1:06:28
Lab File ID: BP020096.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020775 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.445	0.070	18.5961	50.0
Diethylphthalate	1.409	1.544	0.300	9.5427	50.0
Fluorene	1.381	1.434	0.200	3.8381	50.0
4-Chlorophenyl-phenylether	0.750	0.789	0.100	5.2277	50.0
4-Nitroaniline	0.223	0.298	0.010	34.0021	50.0
4,6-Dinitro-2-methylphenol	0.121	0.103	0.010	-14.8657	50.0
N-Nitrosodiphenylamine	0.553	0.560	0.050	1.1414	50.0
1,2,4,5-Tetrachlorobenzene	0.652	0.687	0.100	5.4562	50.0
4-Bromophenyl-phenylether	0.219	0.228	0.070	4.0808	50.0
Hexachlorobenzene	0.237	0.259	0.050	9.2784	50.0
Atrazine	0.203	0.226	0.010	11.1701	50.0
Pentachlorophenol	0.144	0.154	0.010	6.8979	50.0
Phenanthrene	1.038	1.070	0.200	2.9904	50.0
Pentachlorobenzene	0.298	0.305	0.050	2.2518	50.0
Anthracene	1.059	1.115	0.200	5.244	50.0
1,2,3,4-Tetrachlorobenzene	0.317	0.312	0.050	-1.7289	50.0
Carbazole	0.908	0.964	0.050	6.1701	50.0
Di-n-butylphthalate	1.095	1.211	0.500	10.6371	50.0
Fluoranthene	1.264	1.365	0.400	7.9853	50.0
Pyrene	1.315	1.440	0.400	9.5378	50.0
Butylbenzylphthalate	0.501	0.585	0.100	16.6288	50.0
3,3-Dichlorobenzidine	0.442	0.439	0.010	-0.7981	50.0
Benzo (a) anthracene	1.383	1.452	0.300	4.9598	50.0
Chrysene	1.303	1.320	0.200	1.3002	50.0
Bis(2-ethylhexyl)phthalate	0.773	0.862	0.200	11.6067	50.0
Di-n-octyl phthalate	1.236	1.344	0.010	8.7674	50.0
Benzo (b) fluoranthene	1.205	1.245	0.200	3.3192	50.0
Benzo (k) fluoranthene	1.236	1.262	0.200	2.0957	50.0
Benzo (a) pyrene	1.162	1.183	0.200	1.8813	50.0
Indeno (1,2,3-cd) pyrene	1.347	1.435	0.200	6.5736	50.0
Dibenzo (a,h) anthracene	1.097	1.165	0.200	6.1797	50.0
Benzo (g,h,i) perylene	1.077	1.118	0.200	3.7932	50.0
2,3,4,6-Tetrachlorophenol	0.352	0.405	0.040	15.2629	50.0
1,4-Dioxane-d8	0.488	0.464	0.010	-5.0097	50.0
Pyridine-d5	1.437	1.374	0.010	-4.3632	50.0
Phenol-d5	1.743	1.756	0.010	0.7479	50.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.138	0.050	-6.5771	50.0
2-Chlorophenol-d4	1.190	1.279	0.200	7.4828	50.0
4-Methylphenol-d8	1.362	1.365	0.010	0.2507	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG No.: BP042224

Instrument ID: BNA_P Calibration Date/Time: 4/23/2024 1:06:28

Lab File ID: BP020096.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.155	0.050	7.4798	50.0
2-Nitrophenol-d4	0.156	0.179	0.050	15.4182	50.0
2,4-Dichlorophenol-d3	0.309	0.344	0.060	11.4273	50.0
4-Chloroaniline-d4	0.412	0.436	0.010	5.755	50.0
Dimethylphthalate-d6	1.367	1.452	0.300	6.2578	50.0
Acenaphthylene-d8	1.629	1.699	0.400	4.3042	50.0
4-Nitrophenol-d4	0.208	0.228	0.010	9.7281	50.0
Fluorene-d10	1.217	1.276	0.100	4.8394	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.102	0.010	-12.7641	50.0
Anthracene-d10	0.896	0.936	0.300	4.4175	50.0
Pyrene-d10	1.075	1.196	0.300	11.2329	50.0
Benzo(a)pyrene-d12	0.977	1.024	0.010	4.8171	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042224
Lab Sample ID:	PB160401BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020074.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042224
Lab Sample ID:	PB160401BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020074.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042224
Lab Sample ID:	PB160401BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020074.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.584		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	33.085		20-120		83	SPK: -40
4165-62-2	Phenol-d5	37.343		10-130		93	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.211		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.212		20-130		98	SPK: -40
190780-66-6	4-Methylphenol-d8	35.827		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	41.758		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.715		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.265		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.362		1-146		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.057		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.774		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.262		10-150		101	SPK: -40
81103-79-9	Fluorene-d10	37.369		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042224
Lab Sample ID:	PB160401BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020074.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.802		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	38.35		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	42.327		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.609		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154431	7.64				
1146-65-2	Naphthalene-d8	593826	10.416				
15067-26-2	Acenaphthene-d10	330674	14.322				
1517-22-2	Phenanthrene-d10	696071	17.18				
1719-03-5	Chrysene-d12	648961	21.674				
1520-96-3	Perylene-d12	723061	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BP042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020075.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BP042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BP020075.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BP042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BP020075.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	14.874		20-120		37	SPK: -40
4165-62-2	Phenol-d5	20.574		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.145		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.167		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.504		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.646		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.113		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.916		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.384		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.306		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.291		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.795		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	23.741		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BP042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BP020075.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.804		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	25.948		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	28.111		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.087		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135850	7.64				
1146-65-2	Naphthalene-d8	530606	10.41				
15067-26-2	Acenaphthene-d10	298124	14.328				
1517-22-2	Phenanthrene-d10	574679	17.169				
1719-03-5	Chrysene-d12	535394	21.674				
1520-96-3	Perylene-d12	588833	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	330	J			18.133	
000057-11-4	Octadecanoic acid	120	J			19.486	
1000282-98-2	Dichloroacetic acid, heptadecyl es	300	J			21.351	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BP042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020076.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

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

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BP042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020076.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

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

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BP042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020076.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.2	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.198		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	14.979		20-120		37	SPK: -40
4165-62-2	Phenol-d5	24.155		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.806		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.009		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.334		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.418		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.083		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.268		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.729		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.752		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.285		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.935		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	28.541		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BP042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020076.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.815		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.964		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.117		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.126		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96369	7.64				
1146-65-2	Naphthalene-d8	385950	10.416				
15067-26-2	Acenaphthene-d10	264525	14.334				
1517-22-2	Phenanthrene-d10	596475	17.169				
1719-03-5	Chrysene-d12	555127	21.674				
1520-96-3	Perylene-d12	601216	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			18.133	
000057-11-4	Octadecanoic acid	120	J			19.48	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			21.351	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BP042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020077.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	54	U	54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.7	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.7	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.7	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.7	210	ug/Kg
78-59-1	Isophorone	61	U	61	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.7	210	ug/Kg
91-20-3	Naphthalene	32	U	32	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	53.7	210	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BP042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020077.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	53.7	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.7	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.7	210	ug/Kg
86-73-7	Fluorene	32	U	32	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.7	210	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.7	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.7	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.7	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BP042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020077.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.7	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.842		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	17.622		20-120		44	SPK: -40
4165-62-2	Phenol-d5	22.385		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.109		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.791		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.596		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.668		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.323		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.73		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.889		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.665		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.257		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.652		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.791		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BP042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020077.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.524		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	27.694		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	31.431		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.19		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93878	7.64				
1146-65-2	Naphthalene-d8	372797	10.416				
15067-26-2	Acenaphthene-d10	248904	14.328				
1517-22-2	Phenanthrene-d10	561922	17.175				
1719-03-5	Chrysene-d12	510278	21.68				
1520-96-3	Perylene-d12	567374	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.499	
000057-10-3	n-Hexadecanoic acid	290	J			18.145	
000057-11-4	Octadecanoic acid	130	J			19.492	
000301-02-0	9-Octadecenamide, (Z)-	1000	J			20.692	
959085-66-6	Heptadecyl heptafluorobutyrate	230	J			21.357	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BP042224
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020078.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.4	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.4	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.4	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.4	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.4	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.4	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.4	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BP042224
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020078.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.4	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.4	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.4	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.4	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.4	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.4	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.4	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.4	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.4	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.4	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.4	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.4	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.4	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BP042224
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020078.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	53.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.4	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.131		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	7.094	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	0.059	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.027		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.366	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.491	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	18.474		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.816		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.002	*	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.001	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.862		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	0.134	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.66	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	2.381	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BP042224
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020078.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.812		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	0.323	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.125	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.043	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85141	7.64				
1146-65-2	Naphthalene-d8	338047	10.416				
15067-26-2	Acenaphthene-d10	225257	14.322				
1517-22-2	Phenanthrene-d10	496647	17.175				
1719-03-5	Chrysene-d12	453081	21.669				
1520-96-3	Perylene-d12	500787	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
013417-08-8	1-Hexadecanamine, N-methyl-	760	J			14.269	
007516-82-7	N-Decyl-N-methylamine	380	J			16.192	
000638-53-9	Tridecanoic acid	140	J			18.133	
000301-02-0	9-Octadecenamide, (Z)-	890	J			20.686	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.357	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BP042224
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020079.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BP042224
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020079.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	83	U	83	97	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	97	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BP042224
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020079.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50	200	ug/Kg
218-01-9	Chrysene	36	U	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.815		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	4.222	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	0.076	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.21		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.304	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.398	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	15.759		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.334		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.2	*	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.364		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.755		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	0.117	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.113	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	2.314	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BP042224
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BP020079.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.133		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	0.276	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.153	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.167	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117087	7.64				
1146-65-2	Naphthalene-d8	480686	10.416				
15067-26-2	Acenaphthene-d10	342462	14.322				
1517-22-2	Phenanthrene-d10	765120	17.175				
1719-03-5	Chrysene-d12	696155	21.674				
1520-96-3	Perylene-d12	789988	25.092				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-53-9	Tridecanoic acid	180	J			18.139	
000057-11-4	Octadecanoic acid	100	J			19.486	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	750	J			21.057	
	(DEL) Alkane: Straight-Chain21.357	220	J			21.357	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BP042224
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BP020080.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.7	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.4	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.4	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.4	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.4	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.4	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BP042224
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BP020080.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.4	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.7	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.4	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.4	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.4	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	97.7	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.4	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.4	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.4	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BP042224
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BP020080.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.4	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.501		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	2.717	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	0.129	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.048		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.471	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.836	*	10-140		2	SPK: -40
4165-60-0	Nitrobenzene-d5	21.655		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.095		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.234	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.565		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.408		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	0.153	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.442	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	3.027	*	20-140		8	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BP042224
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BP020080.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.629		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	0.358	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.099	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.027	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89751	7.64				
1146-65-2	Naphthalene-d8	391597	10.41				
15067-26-2	Acenaphthene-d10	283252	14.316				
1517-22-2	Phenanthrene-d10	618522	17.169				
1719-03-5	Chrysene-d12	556279	21.674				
1520-96-3	Perylene-d12	616894	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	410	J			18.134	
000057-11-4	Octadecanoic acid	290	J			19.475	
002490-48-4	1-Hexadecanol, 2-methyl-	180	J			21.351	
E966796	Total Alkanes	28	U			99	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	C0AD0			SDG No.:	BP042224	
Lab Sample ID:	P2104-18			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	18.8	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020081.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.2	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.2	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.2	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.2	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.2	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD0	SDG No.:	BP042224
Lab Sample ID:	P2104-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020081.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.2	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.2	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.2	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.2	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52.2	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.2	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD0	SDG No.:	BP042224
Lab Sample ID:	P2104-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020081.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.2	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.513		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	17.544		20-120		44	SPK: -40
4165-62-2	Phenol-d5	26.128		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.935		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.208		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.915		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.849		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.61		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.65		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.52		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.652		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.839		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.555		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.788		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD0	SDG No.:	BP042224
Lab Sample ID:	P2104-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020081.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.999		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	31.011		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	33.895		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.409		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108423	7.64				
1146-65-2	Naphthalene-d8	425223	10.416				
15067-26-2	Acenaphthene-d10	273269	14.316				
1517-22-2	Phenanthrene-d10	594111	17.163				
1719-03-5	Chrysene-d12	563137	21.663				
1520-96-3	Perylene-d12	615688	25.063				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			18.128	
000057-11-4	Octadecanoic acid	120	J			19.475	
000301-02-0	9-Octadecenamide, (Z)-	1700	J			20.68	
	(DEL) Alkane: Straight-Chain21.339	230	J			21.339	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BP042224
Lab Sample ID:	P2104-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020082.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.8	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.4	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	99.8	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.8	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.4	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.4	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.4	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.4	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.4	210	ug/Kg
105-60-2	Caprolactam	87	U	87	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.4	210	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	C0AD1			SDG No.:	BP042224	
Lab Sample ID:	P2104-19			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	17.6	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020082.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.4	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.8	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.8	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.4	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.4	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.4	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	99.8	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.4	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.4	210	ug/Kg
86-74-8	Carbazole	34	U	34	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.4	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BP042224
Lab Sample ID:	P2104-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020082.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.4	210	ug/Kg
218-01-9	Chrysene	37	U	37	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.877		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.822		20-120		47	SPK: -40
4165-62-2	Phenol-d5	24.26		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.834		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.602		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.457		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	29.053		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.816		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.066		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.937		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.713		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.998		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.53		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.43		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BP042224
Lab Sample ID:	P2104-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020082.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.859		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	28.618		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	31.367		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.756		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123273	7.64				
1146-65-2	Naphthalene-d8	459348	10.416				
15067-26-2	Acenaphthene-d10	260630	14.328				
1517-22-2	Phenanthrene-d10	555755	17.175				
1719-03-5	Chrysene-d12	513845	21.663				
1520-96-3	Perylene-d12	555111	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
013798-23-7	Hexathiane	97	J			14.922	
000057-10-3	n-Hexadecanoic acid	230	J			18.133	
000057-11-4	Octadecanoic acid	90	J			19.474	
074339-54-1	Trichloroacetic acid, hexadecyl es	170	J			21.345	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BP042224
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020083.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.4	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.6	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.6	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.6	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.6	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BP042224
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020083.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.6	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.4	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.6	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.6	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.4	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.6	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BP042224
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020083.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.127		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.044	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.178		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.202	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.311	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	14.715		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.702		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.008	*	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.453		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	0.094	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.287	*	10-150		1	SPK: -40
81103-79-9	Fluorene-d10	1.367	*	20-140		3	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BP042224
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020083.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.835		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	0.244	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.102	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.106	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131690	7.64				
1146-65-2	Naphthalene-d8	524785	10.416				
15067-26-2	Acenaphthene-d10	295233	14.322				
1517-22-2	Phenanthrene-d10	528800	17.169				
1719-03-5	Chrysene-d12	490413	21.668				
1520-96-3	Perylene-d12	557722	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			18.128	
000057-11-4	Octadecanoic acid	110	J			19.469	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	540	J			21.051	
	(DEL) Alkane: Straight-Chain21.351	180	J			21.351	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BP042224
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020084.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.5	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.5	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.5	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.5	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.7	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.7	190	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.7	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.7	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.7	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BP042224
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020084.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.7	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.5	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.5	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.7	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.7	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.5	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.7	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.7	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BP042224
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020084.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.7	190	ug/Kg
218-01-9	Chrysene	36	U	36	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.306		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	2.525	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	0.091	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.381		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.403	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.506	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	23.992		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.048		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.272	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.171	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.509		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	0.155	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.194	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	2.722	*	20-140		7	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BP042224
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020084.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.614		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	0.396	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.207	*	10-130		1	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.114	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144655	7.64				
1146-65-2	Naphthalene-d8	567390	10.416				
15067-26-2	Acenaphthene-d10	297936	14.316				
1517-22-2	Phenanthrene-d10	517691	17.163				
1719-03-5	Chrysene-d12	484697	21.663				
1520-96-3	Perylene-d12	559391	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			18.122	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	2200	J			21.039	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	190	J			21.339	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042224
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BP020085.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	52	U	52	96.2	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.2	380	ug/Kg
98-86-2	Acetophenone	47	U	47	96.2	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.5	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.5	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.5	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.5	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042224
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BP020085.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.5	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.2	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.5	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.5	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.5	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	96.2	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.5	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.5	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042224
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BP020085.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.5	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.763		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.037	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.302		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.184	*	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.105	*	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	12.156		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.25		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.129	*	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.139	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.542		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	0.077	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.462	*	10-150		1	SPK: -40
81103-79-9	Fluorene-d10	1.35	*	20-140		3	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042224
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BP020085.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.323	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	0.218	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.162	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.207	*	10-140		1	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191340	7.64				
1146-65-2	Naphthalene-d8	753290	10.416				
15067-26-2	Acenaphthene-d10	420036	14.316				
1517-22-2	Phenanthrene-d10	814940	17.157				
1719-03-5	Chrysene-d12	770234	21.663				
1520-96-3	Perylene-d12	849166	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.116	
000057-11-4	Octadecanoic acid	87	J			19.463	
	(DEL) Alkane: Cyclic	21.339	J			21.339	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS221	SDG No.:	BP042224
Lab Sample ID:	PB160221BS	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
BP020086.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

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	1200		45	82.5	330	ug/Kg
110-86-1	Pyridine	920		33	170	330	ug/Kg
108-95-2	Phenol	990		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	940		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	950		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		60	82.5	330	ug/Kg
98-86-2	Acetophenone	930		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	980		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	900		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		31	42.5	170	ug/Kg
78-59-1	Isophorone	970		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	790		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	970		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	1000		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		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	1000		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS221	SDG No.:	BP042224
Lab Sample ID:	PB160221BS	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
BP020086.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	990		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		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	970		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	980		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	800		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		30	42.5	170	ug/Kg
86-73-7	Fluorene	1000		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	830		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	1100		32	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	970		52	42.5	170	ug/Kg
120-12-7	Anthracene	990		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	950		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS221	SDG No.:	BP042224
Lab Sample ID:	PB160221BS	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
BP020086.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		27	42.5	170	ug/Kg
218-01-9	Chrysene	1000		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		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	990		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	890		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		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	1200		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.361		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	28.061		20-120		70	SPK: -40
4165-62-2	Phenol-d5	30.721		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.336		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.799		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	30.003		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	34.261		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.824		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.714		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.069		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.226		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.128		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.562		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	32.552		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS221	SDG No.:	BP042224
Lab Sample ID:	PB160221BS	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
BP020086.D	1	4/12/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.262		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	31.866		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	34.753		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.167		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101515	7.64				
1146-65-2	Naphthalene-d8	403207	10.41				
15067-26-2	Acenaphthene-d10	276754	14.322				
1517-22-2	Phenanthrene-d10	603902	17.169				
1719-03-5	Chrysene-d12	562586	21.668				
1520-96-3	Perylene-d12	617722	25.056				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK379	SDG No.:	BP042224
Lab Sample ID:	PB160379BL	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
BP020088.D	1	4/18/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160379

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

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK379	SDG No.:	BP042224
Lab Sample ID:	PB160379BL	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
BP020088.D	1	4/18/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160379

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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK379	SDG No.:	BP042224
Lab Sample ID:	PB160379BL	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
BP020088.D	1	4/18/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160379

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	6.125		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	22.65		20-120		57	SPK: -40
4165-62-2	Phenol-d5	33.803		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.21		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.107		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.877		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	36.325		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.289		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.114		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.214		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.036		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.607		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.375		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	35.385		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK379	SDG No.:	BP042224
Lab Sample ID:	PB160379BL	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
BP020088.D	1	4/18/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.28		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	35.135		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	39.565		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.512		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86624	7.64				
1146-65-2	Naphthalene-d8	371241	10.41				
15067-26-2	Acenaphthene-d10	268458	14.31				
1517-22-2	Phenanthrene-d10	601281	17.151				
1719-03-5	Chrysene-d12	536674	21.651				
1520-96-3	Perylene-d12	594985	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020089.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160221

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	91.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91.1	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91.1	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020089.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.1	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.1	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020089.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.9	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.029		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	19.857		20-120		50	SPK: -40
4165-62-2	Phenol-d5	26.906		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.731		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.828		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.751		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.598		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.956		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.168		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.646		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.752		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.781		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.338		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.093		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020089.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.023		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	26.741		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	30.501		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.745		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131342	7.64				
1146-65-2	Naphthalene-d8	582280	10.416				
15067-26-2	Acenaphthene-d10	424374	14.31				
1517-22-2	Phenanthrene-d10	909291	17.157				
1719-03-5	Chrysene-d12	800652	21.657				
1520-96-3	Perylene-d12	883354	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	84	J			3.499	
000057-10-3	n-Hexadecanoic acid	280	J			18.116	
000057-11-4	Octadecanoic acid	150	J			19.469	
077899-03-7	1-Heneicosyl formate	170	J			21.345	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD1	SDG No.:	BP042224
Lab Sample ID:	P2161-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020090.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD1	SDG No.:	BP042224
Lab Sample ID:	P2161-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020090.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5		1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD1	SDG No.:	BP042224
Lab Sample ID:	P2161-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020090.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.222		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.885		20-120		27	SPK: -40
4165-62-2	Phenol-d5	7.816		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.841		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.515		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	18.525		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	43.763		20-125		109	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.996		20-130		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.659		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.294		1-146		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	44.627		25-130		112	SPK: -40
93951-97-4	Acenaphthylene-d8	42.759		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.224		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	44.38		25-125		111	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD1	SDG No.:	BP042224
Lab Sample ID:	P2161-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020090.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.848		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	44.789		25-130		112	SPK: -40
1718-52-1	Pyrene-d10	50.458		15-130		126	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.187		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100951	7.64				
1146-65-2	Naphthalene-d8	427250	10.41				
15067-26-2	Acenaphthene-d10	299531	14.322				
1517-22-2	Phenanthrene-d10	666099	17.157				
1719-03-5	Chrysene-d12	602295	21.657				
1520-96-3	Perylene-d12	659147	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	3.1	J			5.016	
000541-73-1	Benzene, 1,3-dichloro-	2.1	J			7.987	
000120-82-1	Benzene, 1,2,4-trichloro-	4	J			10.281	
000057-10-3	n-Hexadecanoic acid	3	J			18.116	
	(DEL) Alkane: Straight-Chain	2.1	J			21.333	
E966796	Total Alkanes	2.1				99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD6	SDG No.:	BP042224
Lab Sample ID:	P2161-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020091.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD6	SDG No.:	BP042224
Lab Sample ID:	P2161-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020091.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	4.7	J	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	69		1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD6	SDG No.:	BP042224
Lab Sample ID:	P2161-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020091.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.787		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	6.155	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.126		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.482		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.918		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	17.201		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	41.468		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.295		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.432		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.53		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.452		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	41.901		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.338		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	44.291		25-125		111	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD6	SDG No.:	BP042224
Lab Sample ID:	P2161-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020091.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.043		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	46.189		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	51.193		15-130		128	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.8		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109993	7.646				
1146-65-2	Naphthalene-d8	440034	10.422				
15067-26-2	Acenaphthene-d10	306626	14.328				
1517-22-2	Phenanthrene-d10	664735	17.169				
1719-03-5	Chrysene-d12	603553	21.668				
1520-96-3	Perylene-d12	658115	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	18	J			5.028	
000106-46-7	Benzene, 1,4-dichloro-	20	J			7.705	
000541-73-1	Benzene, 1,3-dichloro-	14	J			8.004	
000694-80-4	Benzene, 1-bromo-2-chloro-	17	J			9.116	
000118-69-4	Benzene, 1,3-dichloro-2-methyl-	5	J			9.34	
025186-47-4	Benzene, 1,3-dichloro-5-methyl-	6.2	J			9.387	
000106-39-8	Benzene, 1-bromo-4-chloro-	9.7	J			9.428	
000108-70-3	Benzene, 1,3,5-trichloro-	1300	J			10.31	
000120-82-1	Benzene, 1,2,4-trichloro-	350	J			10.804	
000121-73-3	Benzene, 1-chloro-3-nitro-	5.6	J			11.04	
015258-73-8	2,6-Dichlorobenzyl alcohol	2.6	J			12.722	
000643-14-1	o-Cresol, 3,4,6-trichloro-	2.3	J			14.834	
000057-10-3	n-Hexadecanoic acid	2.7	J			18.133	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD7	SDG No.:	BP042224
Lab Sample ID:	P2161-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020092.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	1.8	J	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD7	SDG No.:	BP042224
Lab Sample ID:	P2161-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020092.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	88	E	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	2.3	J	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	150	E	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD7	SDG No.:	BP042224
Lab Sample ID:	P2161-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020092.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.225		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	15.903		20-120		40	SPK: -40
4165-62-2	Phenol-d5	11.75		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	48.37	*	25-120		121	SPK: -40
93951-73-6	2-Chlorophenol-d4	41.121		20-130		103	SPK: -40
190780-66-6	4-Methylphenol-d8	24.727		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	58.368	*	20-125		146	SPK: -40
93951-78-1	2-Nitrophenol-d4	58.758	*	20-130		147	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	49.2	*	20-120		123	SPK: -40
191656-33-4	4-Chloroaniline-d4	43.747		1-146		109	SPK: -40
85448-30-2	Dimethylphthalate-d6	52.385	*	25-130		131	SPK: -40
93951-97-4	Acenaphthylene-d8	53.03	*	10-130		133	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.899		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	54.127	*	25-125		135	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RD7	SDG No.:	BP042224
Lab Sample ID:	P2161-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020092.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.335		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	54.014	*	25-130		135	SPK: -40
1718-52-1	Pyrene-d10	57.544	*	15-130		144	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	55.637	*	20-130		139	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105353	7.693				
1146-65-2	Naphthalene-d8	392480	10.44				
15067-26-2	Acenaphthene-d10	253987	14.316				
1517-22-2	Phenanthrene-d10	570477	17.157				
1719-03-5	Chrysene-d12	545278	21.663				
1520-96-3	Perylene-d12	587676	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	24	J			5.093	
000095-50-1	Benzene, 1,2-dichloro-	7	J			7.551	
000106-46-7	Benzene, 1,4-dichloro-	20	J			7.757	
000541-73-1	Benzene, 1,3-dichloro-	16	J			8.057	
000106-39-8	Benzene, 1-bromo-4-chloro-	18	J			9.128	
000694-80-4	Benzene, 1-bromo-2-chloro-	10	J			9.434	
000108-70-3	Benzene, 1,3,5-trichloro-	2700	J			10.334	
000087-61-6	Benzene, 1,2,3-trichloro-	1100	J			10.828	
000638-53-9	Tridecanoic acid	3	J			18.116	
	(DEL) Alkane: Cyclic	21.339	J			21.339	
E966796	Total Alkanes	2.7				99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0R94	SDG No.:	BP042224
Lab Sample ID:	P2184-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020093.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0R94	SDG No.:	BP042224
Lab Sample ID:	P2184-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020093.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0R94	SDG No.:	BP042224
Lab Sample ID:	P2184-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020093.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.698		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	8.778		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.647		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.708		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.37		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	19.449		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	46.96		20-125		117	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.641		20-130		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.635		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.934		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	46.485		25-130		116	SPK: -40
93951-97-4	Acenaphthylene-d8	45.174		10-130		113	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.271		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	46.729		25-125		117	SPK: -40

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0R94	SDG No.:	BP042224
Lab Sample ID:	P2184-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020093.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.273		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	46.656		25-130		117	SPK: -40
1718-52-1	Pyrene-d10	51.244		15-130		128	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.293		20-130		121	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146145	7.64				
1146-65-2	Naphthalene-d8	541838	10.41				
15067-26-2	Acenaphthene-d10	291041	14.316				
1517-22-2	Phenanthrene-d10	645420	17.157				
1719-03-5	Chrysene-d12	618928	21.657				
1520-96-3	Perylene-d12	681374	25.063				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	5.8	J			5.017	
000541-73-1	Benzene, 1,3-dichloro-	3.6	J			7.981	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.11	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE5	SDG No.:	BP042224
Lab Sample ID:	P2184-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020094.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
108-95-2	Phenol	6.5	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	22		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	37		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE5	SDG No.:	BP042224
Lab Sample ID:	P2184-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020094.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	13		1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE5	SDG No.:	BP042224
Lab Sample ID:	P2184-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020094.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	12.978		20-120		32	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.653		15-120		71	SPK: -8
4165-62-2	Phenol-d5	15.088		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	97.644	*	25-120		244	SPK: -40
93951-73-6	2-Chlorophenol-d4	57.849	*	20-130		145	SPK: -40
190780-66-6	4-Methylphenol-d8	35.062		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	49.255		20-125		123	SPK: -40
93951-78-1	2-Nitrophenol-d4	49.951		20-130		125	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.696		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.324		1-146		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	50.174		25-130		125	SPK: -40
93951-97-4	Acenaphthylene-d8	46.311		10-130		116	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.652		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	42.333		25-125		106	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE5	SDG No.:	BP042224
Lab Sample ID:	P2184-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020094.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.301		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	45.845		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	50.127		15-130		125	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.012		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95099	7.705				
1146-65-2	Naphthalene-d8	650922	10.446				
15067-26-2	Acenaphthene-d10	384844	14.322				
1517-22-2	Phenanthrene-d10	681405	17.175				
1719-03-5	Chrysene-d12	618990	21.663				
1520-96-3	Perylene-d12	662345	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	19	J			5.093	
000106-46-7	Benzene, 1,4-dichloro-	20	J			7.822	
000095-50-1	Benzene, 1,2-dichloro-	26	J			8.181	
000694-80-4	Benzene, 1-bromo-2-chloro-	16	J			9.152	
000108-42-9	m-Chloroaniline	100	J			9.475	
000583-78-8	Phenol, 2,5-dichloro-	12	J			10.134	
000576-24-9	Phenol, 2,3-dichloro-	47	J			10.228	
000108-70-3	Benzene, 1,3,5-trichloro-	1100	J			10.34	
000087-61-6	Benzene, 1,2,3-trichloro-	310	J			10.828	
000608-27-5	Benzenamine, 2,3-dichloro-	10	J			12.728	
000095-77-2	Phenol, 3,4-dichloro-	11	J			13.34	
000095-76-1	Benzenamine, 3,4-dichloro-	3.9	J			13.663	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0R89	SDG No.:	BP042224
Lab Sample ID:	P2161-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020095.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0R89	SDG No.:	BP042224
Lab Sample ID:	P2161-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020095.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0R89	SDG No.:	BP042224
Lab Sample ID:	P2161-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020095.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.982		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	10.904		20-120		27	SPK: -40
4165-62-2	Phenol-d5	7.79		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.688		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.725		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	18.817		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	45.199		20-125		113	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.456		20-130		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.422		20-120		99	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.722		1-146		97	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.344		25-130		118	SPK: -40
93951-97-4	Acenaphthylene-d8	44.747		10-130		112	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.016		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	47.604		25-125		119	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0R89	SDG No.:	BP042224
Lab Sample ID:	P2161-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020095.D	1	4/19/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.344		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	49.751		25-130		124	SPK: -40
1718-52-1	Pyrene-d10	55.333	*	15-130		138	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	50.647		20-130		127	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115648	7.64				
1146-65-2	Naphthalene-d8	463292	10.416				
15067-26-2	Acenaphthene-d10	318643	14.316				
1517-22-2	Phenanthrene-d10	725481	17.151				
1719-03-5	Chrysene-d12	684050	21.657				
1520-96-3	Perylene-d12	750684	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	5.9	J			7.698	
000090-05-1	Phenol, 2-methoxy-	11	J			8.728	
000093-51-6	Creosol	2	J			10.328	
000121-33-5	Vanillin	8	J			13.233	
000498-02-2	Apocynin	2.2	J			14.198	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.4	J			17.863	
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AB0								
P2104-10	C0AB0	Solid	(DEL) Alkane: Cyclic21.339	*	110.000	J		
P2104-10	C0AB0	Solid	n-Hexadecanoic acid	*	150.000	J		
P2104-10	C0AB0	Solid	Octadecanoic acid	*	87.000	J		
P2104-10	C0AB0	Solid	Total Alkanes	*	110.000	28	200	ug/Kg
Total Tics :					457.00			
Total Concentration:					457.00			
Client ID : C0AB1								
P2104-11	C0AB1	Solid	1-Heneicosyl formate	*	170.000	J		
P2104-11	C0AB1	Solid	n-Hexadecanoic acid	*	280.000	J		
P2104-11	C0AB1	Solid	Octadecanoic acid	*	150.000	J		
P2104-11	C0AB1	Solid	Propylene Glycol	*	84.000	J		
P2104-11	C0AB1	Solid	Total Alkanes	*	0.000	26	190	ug/Kg
Total Tics :					684.00			
Total Concentration:					684.00			
Client ID : C0AC2								
P2104-12	C0AC2	Solid	Dichloroacetic acid, heptadecyl es	*	300.000	J		
P2104-12	C0AC2	Solid	n-Hexadecanoic acid	*	330.000	J		
P2104-12	C0AC2	Solid	Octadecanoic acid	*	120.000	J		
P2104-12	C0AC2	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					750.00			
Total Concentration:					750.00			
Client ID : C0AC3								
P2104-13	C0AC3	Solid	n-Hexadecanoic acid	*	270.000	J		
P2104-13	C0AC3	Solid	Octadecanoic acid	*	120.000	J		
P2104-13	C0AC3	Solid	Pentadecafluorooctanoic acid, oct	*	200.000	J		
P2104-13	C0AC3	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					590.00			
Total Concentration:					590.00			
Client ID : C0AC5								
P2104-14	C0AC5	Solid	9-Octadecenamide, (Z)-	*	1,000.000	J		
P2104-14	C0AC5	Solid	Heptadecyl heptafluorobutyrate	*	230.000	J		
P2104-14	C0AC5	Solid	n-Hexadecanoic acid	*	290.000	J		
P2104-14	C0AC5	Solid	Octadecanoic acid	*	130.000	J		
P2104-14	C0AC5	Solid	Propylene Glycol	*	110.000	J		
P2104-14	C0AC5	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					1,760.00			

Hit Summary Sheet SW-846

SDG No.: BP042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,760.00				
Client ID : C0AC6								
P2104-15	C0AC6	Solid	1-Hexadecanamine, N-methyl-	*	760.000	J		
P2104-15	C0AC6	Solid	9-Octadecenamide, (Z)-	*	890.000	J		
P2104-15	C0AC6	Solid	N-Decyl-N-methylamine	*	380.000	J		
P2104-15	C0AC6	Solid	Pentadecafluorooctanoic acid, oct-	*	120.000	J		
P2104-15	C0AC6	Solid	Tridecanoic acid	*	140.000	J		
P2104-15	C0AC6	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				2,290.00				
Total Concentration:				2,290.00				
Client ID : C0AC8								
P2104-16	C0AC8	Solid	(DEL) Alkane: Straight-Chain21.3	*	220.000	J		
P2104-16	C0AC8	Solid	Octadecanoic acid	*	100.000	J		
P2104-16	C0AC8	Solid	Phosphoric acid, tris(2-ethylhexyl	*	750.000	J		
P2104-16	C0AC8	Solid	Tridecanoic acid	*	180.000	J		
P2104-16	C0AC8	Solid	Total Alkanes	*	220.000	28	200	ug/Kg
Total Tics :				1,470.00				
Total Concentration:				1,470.00				
Client ID : C0AC9								
P2104-17	C0AC9	Solid	1-Hexadecanol, 2-methyl-	*	180.000	J		
P2104-17	C0AC9	Solid	n-Hexadecanoic acid	*	410.000	J		
P2104-17	C0AC9	Solid	Octadecanoic acid	*	290.000	J		
P2104-17	C0AC9	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				880.00				
Total Concentration:				880.00				
Client ID : C0AD0								
P2104-18	C0AD0	Solid	(DEL) Alkane: Straight-Chain21.3	*	230.000	J		
P2104-18	C0AD0	Solid	9-Octadecenamide, (Z)-	*	1,700.000	J		
P2104-18	C0AD0	Solid	n-Hexadecanoic acid	*	270.000	J		
P2104-18	C0AD0	Solid	Octadecanoic acid	*	120.000	J		
P2104-18	C0AD0	Solid	Total Alkanes	*	230.000	29	210	ug/Kg
Total Tics :				2,550.00				
Total Concentration:				2,550.00				
Client ID : C0AD1								
P2104-19	C0AD1	Solid	Hexathiane	*	97.000	J		
P2104-19	C0AD1	Solid	n-Hexadecanoic acid	*	230.000	J		
P2104-19	C0AD1	Solid	Octadecanoic acid	*	90.000	J		
P2104-19	C0AD1	Solid	Trichloroacetic acid, hexadecyl es	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BP042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-19	C0AD1	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					587.00			
Total Concentration:					587.00			
Client ID : C0AL7								
P2104-20	C0AL7	Solid	(DEL) Alkane: Straight-Chain21.3	*	180.000	J		
P2104-20	C0AL7	Solid	n-Hexadecanoic acid	*	250.000	J		
P2104-20	C0AL7	Solid	Octadecanoic acid	*	110.000	J		
P2104-20	C0AL7	Solid	Phosphoric acid, tris(2-ethylhexyl	*	540.000	J		
P2104-20	C0AL7	Solid	Total Alkanes	*	180.000	27	190	ug/Kg
Total Tics :					1,260.00			
Total Concentration:					1,260.00			
Client ID : C0AL8								
P2104-21	C0AL8	Solid	Ethanol, 2-(tetradecyloxy)-	*	190.000	J		
P2104-21	C0AL8	Solid	n-Hexadecanoic acid	*	180.000	J		
P2104-21	C0AL8	Solid	Phosphoric acid, tris(2-ethylhexyl	*	2,200.000	J		
P2104-21	C0AL8	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					2,570.00			
Total Concentration:					2,570.00			
Client ID : C0R89								
P2161-17	C0R89	Water	1-Hexanol, 2-ethyl-	*	5.900	J		
P2161-17	C0R89	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.400	J		
P2161-17	C0R89	Water	Apocynin	*	2.200	J		
P2161-17	C0R89	Water	Creosol	*	2.000	J		
P2161-17	C0R89	Water	Phenol, 2-methoxy-	*	11.000	J		
P2161-17	C0R89	Water	Vanillin	*	8.000	J		
P2161-17	C0R89	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					36.50			
P2161-17	C0R89	Water	4-Chloro-3-methylphenol		2.000	J 1.6	5	ug/L
Total Svoc :					2.00			
Total Concentration:					38.50			
Client ID : C0RD1								
P2161-18	C0RD1	Water	(DEL) Alkane: Straight-Chain21.3	*	2.100	J		
P2161-18	C0RD1	Water	Benzene, 1,2,4-trichloro-	*	4.000	J		
P2161-18	C0RD1	Water	Benzene, 1,3-dichloro-	*	2.100	J		
P2161-18	C0RD1	Water	Benzene, chloro-	*	3.100	J		
P2161-18	C0RD1	Water	n-Hexadecanoic acid	*	3.000	J		
P2161-18	C0RD1	Water	Total Alkanes	*	2.100	1.1	5	ug/L
Total Tics :					16.40			
P2161-18	C0RD1	Water	1,2,3,4-Tetrachlorobenzene		6.500	1.7	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP042224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			6.50		
			Total Concentration:			22.90		
Client ID : C0RD6								
P2161-19	C0RD6	Water	2,6-Dichlorobenzyl alcohol	*	2.600	J		
P2161-19	C0RD6	Water	Benzene, 1,2,4-trichloro-	*	350.000	J		
P2161-19	C0RD6	Water	Benzene, 1,3,5-trichloro-	*	1,300.000	J		
P2161-19	C0RD6	Water	Benzene, 1,3-dichloro-	*	14.000	J		
P2161-19	C0RD6	Water	Benzene, 1,3-dichloro-2-methyl-	*	5.000	J		
P2161-19	C0RD6	Water	Benzene, 1,3-dichloro-5-methyl-	*	6.200	J		
P2161-19	C0RD6	Water	Benzene, 1,4-dichloro-	*	20.000	J		
P2161-19	C0RD6	Water	Benzene, 1-bromo-2-chloro-	*	17.000	J		
P2161-19	C0RD6	Water	Benzene, 1-bromo-4-chloro-	*	9.700	J		
P2161-19	C0RD6	Water	Benzene, 1-chloro-3-nitro-	*	5.600	J		
P2161-19	C0RD6	Water	Benzene, chloro-	*	18.000	J		
P2161-19	C0RD6	Water	n-Hexadecanoic acid	*	2.700	J		
P2161-19	C0RD6	Water	o-Cresol, 3,4,6-trichloro-	*	2.300	J		
P2161-19	C0RD6	Water	Total Alkanes	*	0.000	J	1.1	5.1 ug/L
			Total Tics :			1,753.10		
P2161-19	C0RD6	Water	1,2,3,4-Tetrachlorobenzene		69.000	J	1.7	5.1 ug/L
P2161-19	C0RD6	Water	1,2,4,5-Tetrachlorobenzene		29.000	J	1.4	5.1 ug/L
P2161-19	C0RD6	Water	Nitrobenzene		30.000	J	1.4	5.1 ug/L
P2161-19	C0RD6	Water	Pentachlorobenzene		4.700	J	1.7	5.1 ug/L
			Total Svoc :			132.70		
			Total Concentration:			1,885.80		
Client ID : C0RD7								
P2161-20	C0RD7	Water	(DEL) Alkane: Cyclic21.339	*	2.700	J		
P2161-20	C0RD7	Water	Benzene, 1,2,3-trichloro-	*	1,100.000	J		
P2161-20	C0RD7	Water	Benzene, 1,2-dichloro-	*	7.000	J		
P2161-20	C0RD7	Water	Benzene, 1,3,5-trichloro-	*	2,700.000	J		
P2161-20	C0RD7	Water	Benzene, 1,3-dichloro-	*	16.000	J		
P2161-20	C0RD7	Water	Benzene, 1,4-dichloro-	*	20.000	J		
P2161-20	C0RD7	Water	Benzene, 1-bromo-2-chloro-	*	10.000	J		
P2161-20	C0RD7	Water	Benzene, 1-bromo-4-chloro-	*	18.000	J		
P2161-20	C0RD7	Water	Benzene, chloro-	*	24.000	J		
P2161-20	C0RD7	Water	Tridecanoic acid	*	3.000	J		
P2161-20	C0RD7	Water	Total Alkanes	*	2.700	J	1.1	5.1 ug/L
			Total Tics :			3,903.40		
P2161-20	C0RD7	Water	1,2,3,4-Tetrachlorobenzene		150.000	J	1.7	5.1 ug/L
P2161-20	C0RD7	Water	1,2,4,5-Tetrachlorobenzene		88.000	J	1.4	5.1 ug/L
P2161-20	C0RD7	Water	Naphthalene		1.800	J	0.96	5.1 ug/L

Hit Summary Sheet SW-846

SDG No.: BP042224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2161-20	C0RD7	Water	Pentachlorobenzene	2.300	J	1.7	5.1	ug/L
Total Svoc :				242.10				
Total Concentration:				4,145.50				
Client ID : C0R94								
P2184-01	C0R94	Water	Benzene, 1,3-dichloro-	*	3.600	J		
P2184-01	C0R94	Water	Benzene, chloro-	*	5.800	J		
P2184-01	C0R94	Water	n-Hexadecanoic acid	*	2.400	J		
P2184-01	C0R94	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				11.80				
Total Concentration:				11.80				
Client ID : C0RE5								
P2184-02	C0RE5	Water	Benzenamine, 2,3-dichloro-	*	10.000	J		
P2184-02	C0RE5	Water	Benzenamine, 3,4-dichloro-	*	3.900	J		
P2184-02	C0RE5	Water	Benzene, 1,2,3-trichloro-	*	310.000	J		
P2184-02	C0RE5	Water	Benzene, 1,2-dichloro-	*	26.000	J		
P2184-02	C0RE5	Water	Benzene, 1,3,5-trichloro-	*	1,100.000	J		
P2184-02	C0RE5	Water	Benzene, 1,4-dichloro-	*	20.000	J		
P2184-02	C0RE5	Water	Benzene, 1-bromo-2-chloro-	*	16.000	J		
P2184-02	C0RE5	Water	Benzene, chloro-	*	19.000	J		
P2184-02	C0RE5	Water	m-Chloroaniline	*	100.000	J		
P2184-02	C0RE5	Water	Phenol, 2,3-dichloro-	*	47.000	J		
P2184-02	C0RE5	Water	Phenol, 2,5-dichloro-	*	12.000	J		
P2184-02	C0RE5	Water	Phenol, 3,4-dichloro-	*	11.000	J		
P2184-02	C0RE5	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				1,674.90				
P2184-02	C0RE5	Water	1,2,3,4-Tetrachlorobenzene		13.000	1.7	5	ug/L
P2184-02	C0RE5	Water	1,2,4,5-Tetrachlorobenzene		8.000	1.4	5	ug/L
P2184-02	C0RE5	Water	2-Chlorophenol		22.000	0.91	5	ug/L
P2184-02	C0RE5	Water	4-Chloroaniline		37.000	0.94	10	ug/L
P2184-02	C0RE5	Water	Phenol		6.500	J 1.6	10	ug/L
Total Svoc :				86.50				
Total Concentration:				1,761.40				



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP041924 SAS No.: BP041924 SDG No.: BP041924
Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____
Calibration Time(s): 16:05 : _____

LAB FILE ID:		RRFAL1 = BP020030.D		RRFAL2 = BP020031.D		RRFAL3 = BP020032.D		
		RRFAL4 = BP020033.D		RRFAL5 = BP020034.D		RRFAL6 = BP020035.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.560	0.560	0.585	0.525	0.513		0.549	5.3
Benzaldehyde		1.060	1.278	1.162	0.991	0.719	1.042	20.2
Pyridine		1.378	1.544	1.491	1.523	1.503	1.488	4.4
Hexachloroethane	0.592	0.598	0.646	0.629	0.622		0.617	3.6
Nitrobenzene	0.419	0.456	0.498	0.484	0.487		0.469	6.8
Isophorone	0.802	0.837	0.919	0.884	0.909		0.870	5.7
2-Nitrophenol	0.140	0.153	0.176	0.177	0.182		0.166	11.1
2,4-Dimethylphenol	0.375	0.378	0.421	0.402	0.405		0.396	4.9
Bis(2-Chloroethoxy)methane	0.451	0.475	0.518	0.496	0.500		0.488	5.3
2,4-Dichlorophenol	0.266	0.283	0.324	0.313	0.317		0.300	8.3
Naphthalene	1.023	1.028	1.090	1.031	1.014		1.037	2.9
4-Chloroaniline		0.398	0.428	0.412	0.416	0.389	0.409	3.7
Hexachlorobutadiene	0.246	0.241	0.262	0.246	0.240		0.247	3.5
Phenol		1.658	1.878	1.852	1.964	1.833	1.837	6.1
Caprolactam		0.088	0.099	0.089	0.100	0.095	0.094	5.9
4-Chloro-3-methylphenol	0.329	0.333	0.378	0.368	0.393		0.360	7.8
1-Methylnaphthalene	0.688	0.700	0.737	0.711	0.719		0.711	2.7
2-Methylnaphthalene	0.693	0.708	0.750	0.713	0.716		0.716	2.9
Hexachlorocyclopentadiene		0.279	0.345	0.394	0.408	0.451	0.375	17.6
2,4,6-Trichlorophenol	0.337	0.369	0.412	0.416	0.418		0.391	9.3
2,4,5-Trichlorophenol	0.363	0.384	0.423	0.423	0.437		0.406	7.6
1,1-Biphenyl	1.335	1.410	1.480	1.507	1.437		1.434	4.7
2-Chloronaphthalene	1.080	1.146	1.207	1.180	1.116		1.145	4.4
2-Nitroaniline	0.305	0.335	0.400	0.408	0.413		0.372	13.1
Bis(2-Chloroethyl)ether		1.406	1.561	1.530	1.542	1.461	1.500	4.3
Dimethylphthalate	1.362	1.414	1.500	1.368	1.374		1.404	4.1
2,6-Dinitrotoluene	0.217	0.242	0.294	0.281	0.290		0.265	12.9
Acenaphthylene	1.719	1.838	1.912	1.885	1.827		1.836	4.0
3-Nitroaniline		0.228	0.284	0.253	0.245	0.244	0.251	8.1
Acenaphthene	1.161	1.214	1.248	1.238	1.191		1.211	2.9
2,4-Dinitrophenol		0.120	0.154	0.152	0.172	0.199	0.159	18.2
4-Nitrophenol		0.186	0.247	0.238	0.237	0.277	0.237	13.8
Dibenzofuran	1.642	1.709	1.750	1.645	1.611		1.671	3.4
2,4-Dinitrotoluene	0.326	0.365	0.414	0.386	0.384		0.375	8.7
Diethylphthalate	1.322	1.430	1.558	1.378	1.360		1.409	6.5
2-Chlorophenol	1.142	1.189	1.319	1.300	1.320		1.254	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP041924 SAS No.: BP041924 SDG No.: BP041924

Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____

Calibration Time(s): 16:05 : _____

LAB FILE ID:		RRFAL1 = BP020030.D			RRFAL2 = BP020031.D		RRFAL3 = BP020032.D	
		RRFAL4 = BP020033.D			RRFAL5 = BP020034.D		RRFAL6 = BP020035.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.332	1.407	1.475	1.358	1.333		1.381	4.4
4-Chlorophenyl-phenylether	0.726	0.751	0.797	0.733	0.744		0.750	3.7
4-Nitroaniline		0.203	0.260	0.224	0.203	0.224	0.223	10.5
4,6-Dinitro-2-methylphenol		0.094	0.123	0.121	0.132	0.136	0.121	13.4
N-Nitrosodiphenylamine	0.502	0.519	0.581	0.570	0.595		0.553	7.4
1,2,4,5-Tetrachlorobenzene	0.582	0.644	0.670	0.701	0.662		0.652	6.8
4-Bromophenyl-phenylether	0.197	0.203	0.228	0.226	0.243		0.219	8.7
Hexachlorobenzene	0.219	0.221	0.246	0.243	0.258		0.237	7.1
Atrazine		0.193	0.218	0.205	0.199	0.201	0.203	4.5
Pentachlorophenol		0.117	0.146	0.146	0.152	0.159	0.144	11.1
2-Methylphenol		1.215	1.382	1.362	1.456	1.316	1.346	6.6
Phenanthrene	1.007	1.002	1.099	1.047	1.038		1.038	3.7
Pentachlorobenzene	0.266	0.273	0.300	0.315	0.338		0.298	9.9
Anthracene	1.027	1.002	1.143	1.078	1.045		1.059	5.2
1,2,3,4-Tetrachlorobenzene	0.269	0.286	0.317	0.351	0.363		0.317	12.7
Carbazole		0.877	0.991	0.919	0.837	0.914	0.908	6.3
Di-n-butylphthalate	1.002	1.052	1.237	1.143	1.041		1.095	8.6
Fluoranthene	1.155	1.232	1.330	1.277	1.324		1.264	5.7
Pyrene	1.239	1.294	1.364	1.335	1.341		1.315	3.7
Butylbenzylphthalate	0.417	0.473	0.545	0.544	0.528		0.501	11.1
3,3-Dichlorobenzidine		0.412	0.475	0.463	0.445	0.415	0.442	6.4
2,2-oxybis (1-Chloropropane)		2.122	2.297	2.243	2.261	2.038	2.192	4.9
Benzo (a) anthracene	1.314	1.375	1.445	1.388	1.395		1.383	3.4
Chrysene	1.229	1.293	1.373	1.319	1.300		1.303	4.0
Bis (2-ethylhexyl) phthalate	0.668	0.734	0.846	0.821	0.795		0.773	9.3
Di-n-octyl phthalate		1.132	1.304	1.248	1.233	1.263	1.236	5.2
Benzo (b) fluoranthene	1.120	1.161	1.282	1.218	1.246		1.205	5.4
Benzo (k) fluoranthene	1.201	1.197	1.289	1.251	1.241		1.236	3.1
Benzo (a) pyrene	1.091	1.124	1.241	1.169	1.183		1.162	5.0
Indeno (1,2,3-cd) pyrene	1.251	1.305	1.428	1.362	1.388		1.347	5.2
Dibenzo (a,h) anthracene	1.028	1.064	1.132	1.119	1.144		1.097	4.5
Benzo (g,h,i) perylene	1.008	1.035	1.136	1.090	1.116		1.077	5.0
Acetophenone		2.209	2.376	2.393	2.508	2.176	2.332	5.9
2,3,4,6-Tetrachlorophenol	0.312	0.352	0.378	0.353	0.363		0.352	6.9
1,4-Dioxane-d8	0.520	0.494	0.499	0.476	0.452		0.488	5.3
Pyridine-d5		1.293	1.456	1.470	1.486	1.480	1.437	5.7

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP041924 SAS No.: BP041924 SDG No.: BP041924
Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____
Calibration Time(s): 16:05 _____

LAB FILE ID:		RRFAL1 = BP020030.D			RRFAL2 = BP020031.D		RRFAL3 = BP020032.D	
		RRFAL4 = BP020033.D			RRFAL5 = BP020034.D		RRFAL6 = BP020035.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.561	1.763	1.770	1.868	1.754	1.743	6.4
Bis-(2-Chloroethyl)ether-d8		1.168	1.262	1.240	1.246	1.175	1.218	3.6
2-Chlorophenol-d4	1.069	1.124	1.248	1.235	1.274		1.190	7.5
4-Methylphenol-d8		1.228	1.364	1.400	1.491	1.325	1.362	7.1
Nitrobenzene-d5	0.126	0.133	0.155	0.153	0.154		0.144	9.6
2-Nitrophenol-d4	0.133	0.142	0.161	0.167	0.175		0.156	11.3
2,4-Dichlorophenol-d3	0.278	0.288	0.331	0.318	0.329		0.309	7.9
4-Chloroaniline-d4		0.397	0.431	0.413	0.424	0.395	0.412	3.9
4-Methylphenol		1.251	1.478	1.466	1.584	1.383	1.432	8.7
Dimethylphthalate-d6	1.294	1.364	1.462	1.350	1.365		1.367	4.4
Acenaphthylene-d8	1.496	1.621	1.727	1.672	1.630		1.629	5.2
4-Nitrophenol-d4		0.156	0.220	0.211	0.211	0.243	0.208	15.5
Fluorene-d10	1.210	1.244	1.282	1.179	1.168		1.217	3.9
4,6-Dinitro-2-methylphenol-		0.093	0.116	0.117	0.127	0.131	0.117	12.6
Anthracene-d10	0.850	0.868	0.968	0.900	0.893		0.896	5.0
Pyrene-d10	0.992	1.041	1.131	1.091	1.119		1.075	5.4
Benzo(a)pyrene-d12	0.922	0.933	1.028	0.991	1.011		0.977	4.8
N-Nitroso-di-n-propylamine	1.208	1.293	1.404	1.409	1.498		1.362	8.3

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.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020611 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 13:01

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	92905	7.64	384799	10.41	258684	14.32
	UPPER LIMIT	185810	8.14	769598	10.91	517368	14.816
	LOWER LIMIT	46452.5	7.14	192399.5	9.91	129342	13.816
	EPA SAMPLE NO.						
01	SBLK401	154431	7.64	593826	10.42	330674	14.32
02	C0AC2	135850	7.64	530606	10.41	298124	14.33
03	C0AC3	96369	7.64	385950	10.42	264525	14.33
04	C0AC5	93878	7.64	372797	10.42	248904	14.33
05	C0AC6	85141	7.64	338047	10.42	225257	14.32
06	C0AC8	117087	7.64	480686	10.42	342462	14.32
07	C0AC9	89751	7.64	391597	10.41	283252	14.32
08	C0AD0	108423	7.64	425223	10.42	273269	14.32
09	C0AD1	123273	7.64	459348	10.42	260630	14.33
10	C0AL7	131690	7.64	524785	10.42	295233	14.32
11	C0AL8	144655	7.64	567390	10.42	297936	14.32
12	C0AB0	191340 *	7.64	753290	10.42	420036	14.32
13	SLCS221	101515	7.64	403207	10.41	276754	14.32
14	SBLK379	86624	7.64	371241	10.41	268458	14.31
15	C0AB1	131342	7.64	582280	10.42	424374	14.31
16	C0RD1	100951	7.64	427250	10.41	299531	14.32
17	C0RD6	109993	7.65	440034	10.42	306626	14.33
18	C0RD7	105353	7.69	392480	10.44	253987	14.32
19	C0R94	146145	7.64	541838	10.41	291041	14.32
20	C0RE5	95099	7.71	650922	10.45	384844	14.32
21	C0R89	115648	7.64	463292	10.42	318643	14.32



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020611 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 05:03

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	92905	7.64	384799	10.41	258684	14.32
UPPER LIMIT	185810	8.14	769598	10.91	517368	14.816
LOWER LIMIT	46452.5	7.14	192399.5	9.91	129342	13.816
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020773 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BP020073.D Time Analyzed: 13:01

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	156653	7.628	614733	10.41	327660	14.33
UPPER LIMIT	313306	8.128	1229466	10.905	655320	14.828
LOWER LIMIT	78326.5	7.128	307366.5	9.905	163830	13.828
EPA SAMPLE NO.						
01 SBLK401	154431	7.64	593826	10.42	330674	14.32
02 C0AC2	135850	7.64	530606	10.41	298124	14.33
03 C0AC3	96369	7.64	385950	10.42	264525	14.33
04 C0AC5	93878	7.64	372797	10.42	248904	14.33
05 C0AC6	85141	7.64	338047	10.42	225257	14.32
06 C0AC8	117087	7.64	480686	10.42	342462	14.32
07 C0AC9	89751	7.64	391597	10.41	283252	14.32
08 C0AD0	108423	7.64	425223	10.42	273269	14.32
09 C0AD1	123273	7.64	459348	10.42	260630	14.33
10 C0AL7	131690	7.64	524785	10.42	295233	14.32
11 C0AL8	144655	7.64	567390	10.42	297936	14.32
12 C0AB0	191340	7.64	753290	10.42	420036	14.32
13 SLCS221	101515	7.64	403207	10.41	276754	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.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020774 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BP020087.D Time Analyzed: 00:01

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	137551	7.634	551767	10.41	367477	14.32
UPPER LIMIT	275102	8.134	1103534	10.91	734954	14.816
LOWER LIMIT	68775.5	7.134	275883.5	9.91	183738.5	13.816
EPA SAMPLE NO.						
01 SBLK379	86624	7.64	371241	10.41	268458	14.31
02 C0AB1	131342	7.64	582280	10.42	424374	14.31
03 C0RD1	100951	7.64	427250	10.41	299531	14.32
04 C0RD6	109993	7.65	440034	10.42	306626	14.33
05 C0RD7	105353	7.69	392480	10.44	253987	14.32
06 C0R94	146145	7.64	541838	10.41	291041	14.32
07 C0RE5	95099	7.71	650922	10.45	384844	14.32
08 C0R89	115648	7.64	463292	10.42	318643	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020611 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 13:01

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	543121	17.157	549654	21.657	595828	25.051
	UPPER LIMIT	1086242	17.657	1099308	22.157	1191656	25.551
	LOWER LIMIT	271560.5	16.657	274827	21.157	297914	24.551
	EPA SAMPLE NO.						
01	SBLK401	696071	17.18	648961	21.67	723061	25.08
02	C0AC2	574679	17.17	535394	21.67	588833	25.07
03	C0AC3	596475	17.17	555127	21.67	601216	25.08
04	C0AC5	561922	17.18	510278	21.68	567374	25.08
05	C0AC6	496647	17.18	453081	21.67	500787	25.07
06	C0AC8	765120	17.18	696155	21.67	789988	25.09
07	C0AC9	618522	17.17	556279	21.67	616894	25.07
08	C0AD0	594111	17.16	563137	21.66	615688	25.06
09	C0AD1	555755	17.18	513845	21.66	555111	25.06
10	C0AL7	528800	17.17	490413	21.67	557722	25.06
11	C0AL8	517691	17.16	484697	21.66	559391	25.06
12	C0AB0	814940	17.16	770234	21.66	849166	25.06
13	SLCS221	603902	17.17	562586	21.67	617722	25.06
14	SBLK379	601281	17.15	536674	21.65	594985	25.06
15	C0AB1	909291	17.16	800652	21.66	883354	25.06
16	C0RD1	666099	17.16	602295	21.66	659147	25.05
17	C0RD6	664735	17.17	603553	21.67	658115	25.06
18	C0RD7	570477	17.16	545278	21.66	587676	25.05
19	C0R94	645420	17.16	618928	21.66	681374	25.06
20	C0RE5	681405	17.18	618990	21.66	662345	25.06
21	C0R89	725481	17.15	684050	21.66	750684	25.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020611 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 05:03

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	543121	17.157	549654	21.657	595828	25.051
UPPER LIMIT	1086242	17.657	1099308	22.157	1191656	25.551
LOWER LIMIT	271560.5	16.657	274827	21.157	297914	24.551
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020773 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BP020073.D Time Analyzed: 13:01

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	597668	17.175	539306	21.686	603006	25.092
	UPPER LIMIT	1195336	17.675	1078612	22.186	1206012	25.592
	LOWER LIMIT	298834	16.675	269653	21.186	301503	24.592
	EPA SAMPLE NO.						
01	SBLK401	696071	17.18	648961	21.67	723061	25.08
02	C0AC2	574679	17.17	535394	21.67	588833	25.07
03	C0AC3	596475	17.17	555127	21.67	601216	25.08
04	C0AC5	561922	17.18	510278	21.68	567374	25.08
05	C0AC6	496647	17.18	453081	21.67	500787	25.07
06	C0AC8	765120	17.18	696155	21.67	789988	25.09
07	C0AC9	618522	17.17	556279	21.67	616894	25.07
08	C0AD0	594111	17.16	563137	21.66	615688	25.06
09	C0AD1	555755	17.18	513845	21.66	555111	25.06
10	C0AL7	528800	17.17	490413	21.67	557722	25.06
11	C0AL8	517691	17.16	484697	21.66	559391	25.06
12	C0AB0	814940	17.16	770234	21.66	849166	25.06
13	SLCS221	603902	17.17	562586	21.67	617722	25.06

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042224 SAS No.: BP042224 SDG NO.: BP042224

EPA Sample No.: SSTD020774 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BP020087.D Time Analyzed: 00:01

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	822088	17.157	757433	21.663	847724	25.057
UPPER LIMIT	1644176	17.657	1514866	22.163	1695448	25.557
LOWER LIMIT	411044	16.657	378716.5	21.163	423862	24.557
EPA SAMPLE NO.						
01 SBLK379	601281	17.15	536674	21.65	594985	25.06
02 C0AB1	909291	17.16	800652	21.66	883354	25.06
03 C0RD1	666099	17.16	602295	21.66	659147	25.05
04 C0RD6	664735	17.17	603553	21.67	658115	25.06
05 C0RD7	570477	17.16	545278	21.66	587676	25.05
06 C0R94	645420	17.16	618928	21.66	681374	25.06
07 C0RE5	681405	17.18	618990	21.66	662345	25.06
08 C0R89	725481	17.15	684050	21.66	750684	25.05

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160221BS	1,4-Dioxane	530	330	ug/Kg	62				0	0		
	Benzaldehyde	1300	1200	ug/Kg	92				0	0		
	Pyridine	1300	920	ug/Kg	71				0	0		
	Phenol	1300	990	ug/Kg	76				0	0		
	Bis(2-chloroethyl)ether	1300	940	ug/Kg	72				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	950	ug/Kg	73				0	0		
	2,2-oxybis(1-Chloropropane)	1300	900	ug/Kg	69				0	0		
	Acetophenone	1300	930	ug/Kg	72				0	0		
	4-Methylphenol	1300	980	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	900	ug/Kg	69				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	970	ug/Kg	75				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	790	ug/Kg	61				0	0		
	Bis(2-chloroethoxy)methane	1300	970	ug/Kg	75				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				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	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	500	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	990	ug/Kg	76				0	0		
	2-Chloronaphthalene	1300	990	ug/Kg	76				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	970	ug/Kg	75				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	980	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	800	ug/Kg	62				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	980	ug/Kg	75				0	0		
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160221BS	4,6-Dinitro-2-methylphenol	1300	830	ug/Kg	64				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	1100	ug/Kg	85				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	970	ug/Kg	75				0	0		
	Anthracene	1300	990	ug/Kg	76				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0		
	3,3'-Dichlorobenzidine	1300	970	ug/Kg	75				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				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	990	ug/Kg	76				0	0		
	Benzo(a)pyrene	1300	890	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AC2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042224

SAS No.: BP042224 SDG NO.: BP042224

Lab File ID: BP020075.D

Lab Sample ID: P2104-12

Instrument ID: BNA_P

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 13:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AC2	P2104-12	BP020075.D	04/22/2024
C0AC3	P2104-13	BP020076.D	04/22/2024
C0AC5	P2104-14	BP020077.D	04/22/2024
C0AC6	P2104-15	BP020078.D	04/22/2024
C0AC8	P2104-16	BP020079.D	04/22/2024
C0AC9	P2104-17	BP020080.D	04/22/2024
C0AD0	P2104-18	BP020081.D	04/22/2024
C0AD1	P2104-19	BP020082.D	04/22/2024
C0AL7	P2104-20	BP020083.D	04/22/2024
C0AL8	P2104-21	BP020084.D	04/22/2024
C0AB0	P2104-10	BP020085.D	04/22/2024
PB160221BS	PB160221BS	BP020086.D	04/22/2024
C0AB1	P2104-11	BP020089.D	04/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK379

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042224

SAS No.: BP042224 SDG NO.: BP042224

Lab File ID: BP020088.D

Lab Sample ID: PB160379BL

Instrument ID: BNA_P

Date Extracted: 04/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/23/2024

Level: (low/med) LOW

Time Analyzed: 00:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK401

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042224

SAS No.: BP042224 SDG NO.: BP042224

Lab File ID: BP020074.D

Lab Sample ID: PB160401BL

Instrument ID: BNA_P

Date Extracted: 04/19/2024

Matrix: (soil/water) Water

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 13:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0RD1	P2161-18	BP020090.D	04/23/2024
C0RD6	P2161-19	BP020091.D	04/23/2024
C0RD7	P2161-20	BP020092.D	04/23/2024
C0R94	P2184-01	BP020093.D	04/23/2024
C0RE5	P2184-02	BP020094.D	04/23/2024
C0R89	P2161-17	BP020095.D	04/23/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-10	C0AB0	BP020085.D	1,4-Dioxane-d8	8	1.76	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.04	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	11.30	28		10	150
			2-Chlorophenol-d4	40	0.18	0	*	15	120
			4-Methylphenol-d8	40	0.11	0	*	10	140
			Nitrobenzene-d5	40	12.16	30		10	135
			2-Nitrophenol-d4	40	11.25	28		10	120
			2,4-Dichlorophenol-d3	40	0.13	0	*	10	140
			4-Chloroaniline-d4	40	0.14	0	*	1	145
			Dimethylphthalate-d6	40	13.54	34		10	145
			Acenaphthylene-d8	40	0.08	0	*	15	120
			4-Nitrophenol-d4	40	0.46	1	*	10	150
			Fluorene-d10	40	1.35	3	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.32	8	*	10	130
			Anthracene-d10	40	0.22	1	*	10	150
			Pyrene-d10	40	0.16	0	*	10	130
			Benzo(a)pyrene-d12	40	0.21	1	*	10	140
P2104-11	C0AB1	BP020089.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	19.86	50		20	120
			Phenol-d5	40	26.91	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.73	62		10	150
			2-Chlorophenol-d4	40	27.83	70		15	120
			4-Methylphenol-d8	40	27.75	69		10	140
			Nitrobenzene-d5	40	27.60	69		10	135
			2-Nitrophenol-d4	40	29.96	75		10	120
			2,4-Dichlorophenol-d3	40	27.17	68		10	140
			4-Chloroaniline-d4	40	26.65	67		1	145
			Dimethylphthalate-d6	40	27.75	69		10	145
			Acenaphthylene-d8	40	26.78	67		15	120
			4-Nitrophenol-d4	40	26.34	66		10	150
			Fluorene-d10	40	28.09	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.02	43		10	130
			Anthracene-d10	40	26.74	67		10	150
			Pyrene-d10	40	30.50	76		10	130
			Benzo(a)pyrene-d12	40	27.75	69		10	140
P2104-12	C0AC2	BP020075.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	14.87	37		20	120
			Phenol-d5	40	20.57	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.15	50		10	150
			2-Chlorophenol-d4	40	21.17	53		15	120
			4-Methylphenol-d8	40	20.50	51		10	140
			Nitrobenzene-d5	40	23.65	59		10	135
			2-Nitrophenol-d4	40	25.11	63		10	120
			2,4-Dichlorophenol-d3	40	21.92	55		10	140
			4-Chloroaniline-d4	40	22.38	56		1	145
			Dimethylphthalate-d6	40	27.31	68		10	145
			Acenaphthylene-d8	40	24.29	61		15	120
			4-Nitrophenol-d4	40	21.80	54		10	150

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-12	C0AC2	BP020075.D	Fluorene-d10	40	23.74	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.80	25		10	130
			Anthracene-d10	40	25.95	65		10	150
			Pyrene-d10	40	28.11	70		10	130
			Benzo(a)pyrene-d12	40	26.09	65		10	140
P2104-13	C0AC3	BP020076.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	14.98	37		20	120
			Phenol-d5	40	24.16	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.81	57		10	150
			2-Chlorophenol-d4	40	25.01	63		15	120
			4-Methylphenol-d8	40	24.33	61		10	140
			Nitrobenzene-d5	40	26.42	66		10	135
			2-Nitrophenol-d4	40	29.08	73		10	120
			2,4-Dichlorophenol-d3	40	26.27	66		10	140
			4-Chloroaniline-d4	40	25.73	64		1	145
			Dimethylphthalate-d6	40	28.75	72		10	145
			Acenaphthylene-d8	40	27.29	68		15	120
			4-Nitrophenol-d4	40	28.94	72		10	150
			Fluorene-d10	40	28.54	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.82	37		10	130
			Anthracene-d10	40	27.96	70		10	150
			Pyrene-d10	40	31.12	78		10	130
			Benzo(a)pyrene-d12	40	29.13	73		10	140
P2104-14	C0AC5	BP020077.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	17.62	44		20	120
			Phenol-d5	40	22.39	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.11	50		10	150
			2-Chlorophenol-d4	40	22.79	57		15	120
			4-Methylphenol-d8	40	22.60	56		10	140
			Nitrobenzene-d5	40	23.67	59		10	135
			2-Nitrophenol-d4	40	25.32	63		10	120
			2,4-Dichlorophenol-d3	40	23.73	59		10	140
			4-Chloroaniline-d4	40	23.89	60		1	145
			Dimethylphthalate-d6	40	27.67	69		10	145
			Acenaphthylene-d8	40	26.26	66		15	120
			4-Nitrophenol-d4	40	24.65	62		10	150
			Fluorene-d10	40	27.79	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.52	31		10	130
			Anthracene-d10	40	27.69	69		10	150
			Pyrene-d10	40	31.43	79		10	130
			Benzo(a)pyrene-d12	40	28.19	70		10	140
P2104-15	C0AC6	BP020078.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	7.09	18	*	20	120
			Phenol-d5	40	0.06	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
			2-Chlorophenol-d4	40	0.37	1	*	15	120
			4-Methylphenol-d8	40	0.49	1	*	10	140
			Nitrobenzene-d5	40	18.47	46		10	135
			2-Nitrophenol-d4	40	18.82	47		10	120

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-15	C0AC6	BP020078.D	2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	22.86	57		10	145
			Acenaphthylene-d8	40	0.13	0	*	15	120
			4-Nitrophenol-d4	40	1.66	4	*	10	150
			Fluorene-d10	40	2.38	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.81	27		10	130
			Anthracene-d10	40	0.32	1	*	10	150
			Pyrene-d10	40	0.13	0	*	10	130
			Benzo(a)pyrene-d12	40	0.04	0	*	10	140
P2104-16	C0AC8	BP020079.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	4.22	11	*	20	120
			Phenol-d5	40	0.08	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	15.21	38		10	150
			2-Chlorophenol-d4	40	0.30	1	*	15	120
			4-Methylphenol-d8	40	0.40	1	*	10	140
			Nitrobenzene-d5	40	15.76	39		10	135
			2-Nitrophenol-d4	40	16.33	41		10	120
			2,4-Dichlorophenol-d3	40	0.20	0	*	10	140
			4-Chloroaniline-d4	40	0.36	1		1	145
			Dimethylphthalate-d6	40	18.76	47		10	145
			Acenaphthylene-d8	40	0.12	0	*	15	120
			4-Nitrophenol-d4	40	0.11	0	*	10	150
			Fluorene-d10	40	2.31	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.13	20		10	130
			Anthracene-d10	40	0.28	1	*	10	150
			Pyrene-d10	40	0.15	0	*	10	130
			Benzo(a)pyrene-d12	40	0.17	0	*	10	140
P2104-17	C0AC9	BP020080.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	2.72	7	*	20	120
			Phenol-d5	40	0.13	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	21.05	53		10	150
			2-Chlorophenol-d4	40	0.47	1	*	15	120
			4-Methylphenol-d8	40	0.84	2	*	10	140
			Nitrobenzene-d5	40	21.66	54		10	135
			2-Nitrophenol-d4	40	22.10	55		10	120
			2,4-Dichlorophenol-d3	40	0.23	1	*	10	140
			4-Chloroaniline-d4	40	0.57	1		1	145
			Dimethylphthalate-d6	40	24.41	61		10	145
			Acenaphthylene-d8	40	0.15	0	*	15	120
			4-Nitrophenol-d4	40	1.44	4	*	10	150
			Fluorene-d10	40	3.03	8	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.63	22		10	130
			Anthracene-d10	40	0.36	1	*	10	150
			Pyrene-d10	40	0.10	0	*	10	130
			Benzo(a)pyrene-d12	40	0.03	0	*	10	140
P2104-18	C0AD0	BP020081.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	17.54	44		20	120
			Phenol-d5	40	26.13	65		10	130

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-18	C0AD0	BP020081.D	Bis(2-Chloroethyl)ether-d8	40	24.94	62		10	150
			2-Chlorophenol-d4	40	27.21	68		15	120
			4-Methylphenol-d8	40	24.92	62		10	140
			Nitrobenzene-d5	40	28.85	72		10	135
			2-Nitrophenol-d4	40	30.61	77		10	120
			2,4-Dichlorophenol-d3	40	26.65	67		10	140
			4-Chloroaniline-d4	40	27.52	69		1	145
			Dimethylphthalate-d6	40	30.65	77		10	145
			Acenaphthylene-d8	40	29.84	75		15	120
			4-Nitrophenol-d4	40	29.56	74		10	150
			Fluorene-d10	40	30.79	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.00	35		10	130
			Anthracene-d10	40	31.01	78		10	150
			Pyrene-d10	40	33.90	85		10	130
			Benzo(a)pyrene-d12	40	31.41	79		10	140
P2104-19	C0AD1	BP020082.D	1,4-Dioxane-d8	8	3.88	48		15	120
			Pyridine-d5	40	18.82	47		20	120
			Phenol-d5	40	24.26	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.83	60		10	150
			2-Chlorophenol-d4	40	25.60	64		15	120
			4-Methylphenol-d8	40	24.46	61		10	140
			Nitrobenzene-d5	40	29.05	73		10	135
			2-Nitrophenol-d4	40	29.82	75		10	120
			2,4-Dichlorophenol-d3	40	26.07	65		10	140
			4-Chloroaniline-d4	40	25.94	65		1	145
			Dimethylphthalate-d6	40	29.71	74		10	145
			Acenaphthylene-d8	40	28.00	70		15	120
			4-Nitrophenol-d4	40	25.53	64		10	150
			Fluorene-d10	40	28.43	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.86	25		10	130
			Anthracene-d10	40	28.62	72		10	150
			Pyrene-d10	40	31.37	78		10	130
P2104-20	C0AL7	BP020083.D	Benzo(a)pyrene-d12	40	29.76	74		10	140
			1,4-Dioxane-d8	8	2.13	27		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.04	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	14.18	35		10	150
			2-Chlorophenol-d4	40	0.20	1	*	15	120
			4-Methylphenol-d8	40	0.31	1	*	10	140
			Nitrobenzene-d5	40	14.72	37		10	135
			2-Nitrophenol-d4	40	13.70	34		10	120
			2,4-Dichlorophenol-d3	40	0.01	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	18.45	46		10	145
			Acenaphthylene-d8	40	0.09	0	*	15	120
			4-Nitrophenol-d4	40	0.29	1	*	10	150
			Fluorene-d10	40	1.37	3	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.84	12		10	130
			Anthracene-d10	40	0.24	1	*	10	150

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-20	C0AL7	BP020083.D	Pyrene-d10	40	0.10	0	*	10	130
			Benzo(a)pyrene-d12	40	0.11	0	*	10	140
P2104-21	C0AL8	BP020084.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	2.53	6	*	20	120
			Phenol-d5	40	0.09	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	21.38	53		10	150
			2-Chlorophenol-d4	40	0.40	1	*	15	120
			4-Methylphenol-d8	40	0.51	1	*	10	140
			Nitrobenzene-d5	40	23.99	60		10	135
			2-Nitrophenol-d4	40	23.05	58		10	120
			2,4-Dichlorophenol-d3	40	0.27	1	*	10	140
			4-Chloroaniline-d4	40	0.17	0	*	1	145
			Dimethylphthalate-d6	40	27.51	69		10	145
			Acenaphthylene-d8	40	0.16	0	*	15	120
			4-Nitrophenol-d4	40	0.19	0	*	10	150
			Fluorene-d10	40	2.72	7	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.61	12		10	130
			Anthracene-d10	40	0.40	1	*	10	150
			Pyrene-d10	40	0.21	1	*	10	130
			Benzo(a)pyrene-d12	40	0.11	0	*	10	140
PB160221BS	PB160221BS	BP020086.D	1,4-Dioxane-d8	8	7.36	92		15	120
			Pyridine-d5	40	28.06	70		20	120
			Phenol-d5	40	30.72	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.34	73		10	150
			2-Chlorophenol-d4	40	32.80	82		15	120
			4-Methylphenol-d8	40	30.00	75		10	140
			Nitrobenzene-d5	40	34.26	86		10	135
			2-Nitrophenol-d4	40	35.82	90		10	120
			2,4-Dichlorophenol-d3	40	34.71	87		10	140
			4-Chloroaniline-d4	40	31.07	78		1	145
			Dimethylphthalate-d6	40	32.23	81		10	145
			Acenaphthylene-d8	40	32.13	80		15	120
			4-Nitrophenol-d4	40	37.56	94		10	150
			Fluorene-d10	40	32.55	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.26	66		10	130
			Anthracene-d10	40	31.87	80		10	150
			Pyrene-d10	40	34.75	87		10	130
			Benzo(a)pyrene-d12	40	32.17	80		10	140



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

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160379BL	PB160379BL	BP020088.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	22.65	57		20	120
			Phenol-d5	40	33.80	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.21	81		10	150
			2-Chlorophenol-d4	40	36.11	90		15	120
			4-Methylphenol-d8	40	33.88	85		10	140
			Nitrobenzene-d5	40	36.33	91		10	135
			2-Nitrophenol-d4	40	38.29	96		10	120
			2,4-Dichlorophenol-d3	40	34.11	85		10	140
			4-Chloroaniline-d4	40	27.21	68		1	145
			Dimethylphthalate-d6	40	36.04	90		10	145
			Acenaphthylene-d8	40	34.61	87		15	120
			4-Nitrophenol-d4	40	35.38	88		10	150
			Fluorene-d10	40	35.39	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.28	61		10	130
			Anthracene-d10	40	35.14	88		10	150
			Pyrene-d10	40	39.57	99		10	130
			Benzo(a)pyrene-d12	40	35.51	89		10	140

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-17	C0R89	BP020095.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Pyridine-d5	40	10.90	27		20	120
			Phenol-d5	40	7.79	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.69	97		25	120
			2-Chlorophenol-d4	40	32.73	82		20	130
			4-Methylphenol-d8	40	18.82	47		25	125
			Nitrobenzene-d5	40	45.20	113		20	125
			2-Nitrophenol-d4	40	45.46	114		20	130
			2,4-Dichlorophenol-d3	40	39.42	99		20	120
			4-Chloroaniline-d4	40	38.72	97		1	146
			Dimethylphthalate-d6	40	47.34	118		25	130
			Acenaphthylene-d8	40	44.75	112		10	130
			4-Nitrophenol-d4	40	8.02	20		10	150
			Fluorene-d10	40	47.60	119		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.34	41		10	130
			Anthracene-d10	40	49.75	124		25	130
			Pyrene-d10	40	55.33	138	*	15	130
			Benzo(a)pyrene-d12	40	50.65	127		20	130
P2161-18	C0RD1	BP020090.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	10.89	27		20	120
			Phenol-d5	40	7.82	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.84	97		25	120
			2-Chlorophenol-d4	40	32.52	81		20	130
			4-Methylphenol-d8	40	18.53	46		25	125
			Nitrobenzene-d5	40	43.76	109		20	125
			2-Nitrophenol-d4	40	45.00	112		20	130
			2,4-Dichlorophenol-d3	40	37.66	94		20	120
			4-Chloroaniline-d4	40	35.29	88		1	146
			Dimethylphthalate-d6	40	44.63	112		25	130
			Acenaphthylene-d8	40	42.76	107		10	130
			4-Nitrophenol-d4	40	9.22	23		10	150
			Fluorene-d10	40	44.38	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.85	85		10	130
			Anthracene-d10	40	44.79	112		25	130
			Pyrene-d10	40	50.46	126		15	130
			Benzo(a)pyrene-d12	40	46.19	115		20	130
P2161-19	C0RD6	BP020091.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	6.16	15	*	20	120
			Phenol-d5	40	7.13	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.48	86		25	120
			2-Chlorophenol-d4	40	28.92	72		20	130
			4-Methylphenol-d8	40	17.20	43		25	125
			Nitrobenzene-d5	40	41.47	104		20	125
			2-Nitrophenol-d4	40	43.30	108		20	130
			2,4-Dichlorophenol-d3	40	36.43	91		20	120
			4-Chloroaniline-d4	40	28.53	71		1	146
			Dimethylphthalate-d6	40	45.45	114		25	130
			Acenaphthylene-d8	40	41.90	105		10	130
			4-Nitrophenol-d4	40	10.34	26		10	150

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-19	C0RD6	BP020091.D	Fluorene-d10	40	44.29	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.04	85		10	130
			Anthracene-d10	40	46.19	115		25	130
			Pyrene-d10	40	51.19	128		15	130
			Benzo(a)pyrene-d12	40	47.80	119		20	130
P2161-20	C0RD7	BP020092.D	1,4-Dioxane-d8	8	6.23	78		15	120
			Pyridine-d5	40	15.90	40		20	120
			Phenol-d5	40	11.75	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	48.37	121	*	25	120
			2-Chlorophenol-d4	40	41.12	103		20	130
			4-Methylphenol-d8	40	24.73	62		25	125
			Nitrobenzene-d5	40	58.37	146	*	20	125
			2-Nitrophenol-d4	40	58.76	147	*	20	130
			2,4-Dichlorophenol-d3	40	49.20	123	*	20	120
			4-Chloroaniline-d4	40	43.75	109		1	146
			Dimethylphthalate-d6	40	52.39	131	*	25	130
			Acenaphthylene-d8	40	53.03	133	*	10	130
			4-Nitrophenol-d4	40	12.90	32		10	150
			Fluorene-d10	40	54.13	135	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.34	61		10	130
			Anthracene-d10	40	54.01	135	*	25	130
			Pyrene-d10	40	57.54	144	*	15	130
			Benzo(a)pyrene-d12	40	55.64	139	*	20	130
P2184-01	C0R94	BP020093.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	8.78	22		20	120
			Phenol-d5	40	8.65	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.71	94		25	120
			2-Chlorophenol-d4	40	32.37	81		20	130
			4-Methylphenol-d8	40	19.45	49		25	125
			Nitrobenzene-d5	40	46.96	117		20	125
			2-Nitrophenol-d4	40	45.64	114		20	130
			2,4-Dichlorophenol-d3	40	38.64	97		20	120
			4-Chloroaniline-d4	40	26.93	67		1	146
			Dimethylphthalate-d6	40	46.49	116		25	130
			Acenaphthylene-d8	40	45.17	113		10	130
			4-Nitrophenol-d4	40	9.27	23		10	150
			Fluorene-d10	40	46.73	117		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.27	66		10	130
			Anthracene-d10	40	46.66	117		25	130
			Pyrene-d10	40	51.24	128		15	130
			Benzo(a)pyrene-d12	40	48.29	121		20	130
P2184-02	C0RE5	BP020094.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Pyridine-d5	40	12.98	32		20	120
			Phenol-d5	40	15.09	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	97.64	244	*	25	120
			2-Chlorophenol-d4	40	57.85	145	*	20	130
			4-Methylphenol-d8	40	35.06	88		25	125
			Nitrobenzene-d5	40	49.26	123		20	125
			2-Nitrophenol-d4	40	49.95	125		20	130

Surrogate Summary

SW-846

SDG No.: BP042224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2184-02	C0RE5	BP020094.D	2,4-Dichlorophenol-d3	40	41.70	104		20	120
			4-Chloroaniline-d4	40	36.32	91		1	146
			Dimethylphthalate-d6	40	50.17	125		25	130
			Acenaphthylene-d8	40	46.31	116		10	130
			4-Nitrophenol-d4	40	8.65	22		10	150
			Fluorene-d10	40	42.33	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.30	61		10	130
			Anthracene-d10	40	45.85	115		25	130
			Pyrene-d10	40	50.13	125		15	130
			Benzo(a)pyrene-d12	40	48.01	120		20	130
			Pyridine-d5	40	33.09	83		20	120
			1,4-Dioxane-d8	8	6.58	82		15	120
			Phenol-d5	40	37.34	93		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.21	91		25	120
PB160401BL	PB160401BL	BP020074.D	2-Chlorophenol-d4	40	39.21	98		20	130
			4-Methylphenol-d8	40	35.83	90		25	125
			Nitrobenzene-d5	40	41.76	104		20	125
			2-Nitrophenol-d4	40	43.72	109		20	130
			2,4-Dichlorophenol-d3	40	36.27	91		20	120
			4-Chloroaniline-d4	40	36.36	91		1	146
			Dimethylphthalate-d6	40	40.06	100		25	130
			Acenaphthylene-d8	40	37.77	94		10	130
			4-Nitrophenol-d4	40	40.26	101		10	150
			Fluorene-d10	40	37.37	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.80	52		10	130
			Anthracene-d10	40	38.35	96		25	130
			Pyrene-d10	40	42.33	106		15	130
			Benzo(a)pyrene-d12	40	39.61	99		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP042224

Lab Code: CHEM

SAS No.: BP042224

SDG NO.: BP042224

Lab File ID: BP020072.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	40
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	14.8 (18.8) 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
SSTD020773	SSTDCCC020	BP020073.D	04/22/2024	12:18
SBLK401	PB160401BL	BP020074.D	04/22/2024	13:01
C0AC2	P2104-12	BP020075.D	04/22/2024	13:44
C0AC3	P2104-13	BP020076.D	04/22/2024	14:28
C0AC5	P2104-14	BP020077.D	04/22/2024	15:12
C0AC6	P2104-15	BP020078.D	04/22/2024	15:56
C0AC8	P2104-16	BP020079.D	04/22/2024	16:40
C0AC9	P2104-17	BP020080.D	04/22/2024	17:24
C0AD0	P2104-18	BP020081.D	04/22/2024	18:09
C0AD1	P2104-19	BP020082.D	04/22/2024	18:54
C0AL7	P2104-20	BP020083.D	04/22/2024	19:38
C0AL8	P2104-21	BP020084.D	04/22/2024	20:22
C0AB0	P2104-10	BP020085.D	04/22/2024	21:06
SLCS221	PB160221BS	BP020086.D	04/22/2024	21:50
SSTD020774	SSTDCCC020	BP020087.D	04/22/2024	22:34
SBLK379	PB160379BL	BP020088.D	04/23/2024	00:01
C0AB1	P2104-11	BP020089.D	04/23/2024	00:45
C0RD1	P2161-18	BP020090.D	04/23/2024	01:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP042224

Lab Code: CHEM

SAS No.: BP042224

SDG NO.: BP042224

Lab File ID: BP020072.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	40
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	14.8 (18.8) 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
C0RD6	P2161-19	BP020091.D	04/23/2024	02:11
C0RD7	P2161-20	BP020092.D	04/23/2024	02:54
C0R94	P2184-01	BP020093.D	04/23/2024	03:37
C0RE5	P2184-02	BP020094.D	04/23/2024	04:20
C0R89	P2161-17	BP020095.D	04/23/2024	05:03
SSTD020775	SSTDCCC020EC	BP020096.D	04/23/2024	06:28