

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/18/2024 : 14:14

Lab File ID: BP023497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020757 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.591	0.010	-1.6907	40.0
Benzaldehyde	0.897	1.188	0.010	32.4053	40.0
Pyridine	1.427	1.661	0.010	16.4276	40.0
Phenol	1.634	1.806	0.080	10.5449	20.0
Bis(2-Chloroethyl)ether	1.290	1.451	0.100	12.5021	20.0
2-Chlorophenol	1.214	1.286	0.200	5.8789	20.0
2-Methylphenol	1.212	1.322	0.010	9.0974	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.873	0.010	19.428	40.0
Acetophenone	2.132	2.192	0.060	2.8152	20.0
4-Methylphenol	1.308	1.447	0.010	10.6778	20.0
N-Nitroso-di-n-propylamine	1.162	1.221	0.050	5.1325	30.0
Hexachloroethane	0.591	0.580	0.100	-1.9294	20.0
Nitrobenzene	0.454	0.468	0.050	2.93	25.0
Isophorone	0.805	0.883	0.050	9.7348	25.0
2-Nitrophenol	0.184	0.197	0.050	7.3665	25.0
2,4-Dimethylphenol	0.407	0.411	0.050	0.8915	25.0
Bis(2-Chloroethoxy)methane	0.455	0.513	0.050	12.8671	20.0
2,4-Dichlorophenol	0.360	0.365	0.060	1.3925	20.0
Naphthalene	1.047	1.061	0.200	1.3402	20.0
4-Chloroaniline	0.395	0.430	0.010	8.986	40.0
Hexachlorobutadiene	0.319	0.261	0.040	-18.163	30.0
Caprolactam	0.105	0.126	0.010	19.8073	40.0
4-Chloro-3-methylphenol	0.391	0.401	0.040	2.6986	25.0
1-Methylnaphthalene	0.791	0.795	0.100	0.509	20.0
2-Methylnaphthalene	0.776	0.767	0.100	-1.2532	20.0
Hexachlorocyclopentadiene	0.351	0.246	0.010	-29.852	40.0
2,4,6-Trichlorophenol	0.432	0.429	0.090	-0.7431	25.0
2,4,5-Trichlorophenol	0.461	0.465	0.100	0.7284	25.0
1,1-Biphenyl	1.417	1.419	0.200	0.1682	20.0
2-Chloronaphthalene	1.146	1.159	0.300	1.1163	20.0
2-Nitroaniline	0.332	0.364	0.050	9.5603	40.0
Dimethylphthalate	1.529	1.568	0.300	2.5172	20.0
2,6-Dinitrotoluene	0.293	0.309	0.080	5.4488	30.0
Acenaphthylene	1.668	1.729	0.400	3.68	20.0
3-Nitroaniline	0.246	0.295	0.010	20.3083	40.0
Acenaphthene	1.219	1.239	0.200	1.6417	20.0
2,4-Dinitrophenol	0.189	0.177	0.010	-6.4701	40.0
4-Nitrophenol	0.256	0.228	0.010	-10.9717	40.0
Dibenzofuran	1.851	1.813	0.300	-2.0482	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/18/2024 : 14:14

Lab File ID: BP023497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020757 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.477	0.070	0.9461	30.0
Diethylphthalate	1.525	1.562	0.300	2.4097	20.0
Fluorene	1.507	1.478	0.200	-1.9187	20.0
4-Chlorophenyl-phenylether	0.874	0.781	0.100	-10.7041	20.0
4-Nitroaniline	0.216	0.279	0.010	29.1221	40.0
4,6-Dinitro-2-methylphenol	0.128	0.136	0.010	5.8106	40.0
N-Nitrosodiphenylamine	0.511	0.562	0.050	10.0766	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.661	0.100	-9.3758	20.0
4-Bromophenyl-phenylether	0.236	0.222	0.070	-6.0079	20.0
Hexachlorobenzene	0.289	0.246	0.050	-15.0233	25.0
Atrazine	0.222	0.244	0.010	9.7035	25.0
Pentachlorophenol	0.169	0.155	0.010	-7.9662	40.0
Phenanthrene	1.034	1.094	0.200	5.849	20.0
Pentachlorobenzene	0.318	0.297	0.050	-6.6683	20.0
Anthracene	1.034	1.112	0.200	7.5378	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.292	0.050	1.2795	20.0
Carbazole	0.842	1.010	0.050	19.9594	40.0
Di-n-butylphthalate	1.035	1.203	0.500	16.2311	25.0
Fluoranthene	1.197	1.293	0.400	8.0054	25.0
Pyrene	1.271	1.366	0.400	7.5061	25.0
Butylbenzylphthalate	0.440	0.548	0.100	24.6153	40.0
3,3-Dichlorobenzidine	0.459	0.479	0.010	4.3796	40.0
Benzo (a) anthracene	1.341	1.345	0.300	0.3237	30.0
Chrysene	1.285	1.274	0.200	-0.8619	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.779	0.200	23.2431	40.0
Di-n-octyl phthalate	0.977	1.263	0.010	29.3431	40.0
Benzo (b) fluoranthene	1.257	1.289	0.200	2.5719	25.0
Benzo (k) fluoranthene	1.250	1.248	0.200	-0.1685	25.0
Benzo (a) pyrene	1.139	1.163	0.200	2.0411	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.473	0.200	0.5748	25.0
Dibenzo (a,h) anthracene	1.172	1.164	0.200	-0.6883	30.0
Benzo (g,h,i) perylene	1.121	1.123	0.200	0.1984	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.416	0.040	-9.1143	20.0
1,4-Dioxane-d8	0.543	0.522	0.010	-3.9818	25.0
Pyridine-d5	1.397	1.588	0.010	13.6826	40.0
Phenol-d5	1.569	1.727	0.010	10.0486	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.105	0.050	11.5935	25.0
2-Chlorophenol-d4	1.158	1.232	0.200	6.3751	20.0
4-Methylphenol-d8	1.267	1.345	0.010	6.2346	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/18/2024 : 14:14

Lab File ID: BP023497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020757 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.154	0.050	3.3135	20.0
2-Nitrophenol-d4	0.172	0.183	0.050	6.5138	30.0
2,4-Dichlorophenol-d3	0.363	0.363	0.060	-0.0474	20.0
4-Chloroaniline-d4	0.407	0.439	0.010	7.9872	40.0
Dimethylphthalate-d6	1.553	1.564	0.300	0.7266	20.0
Acenaphthylene-d8	1.638	1.692	0.400	3.329	20.0
4-Nitrophenol-d4	0.190	0.183	0.010	-3.8193	40.0
Fluorene-d10	1.366	1.322	0.100	-3.1733	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.123	0.010	1.9243	40.0
Anthracene-d10	0.913	0.972	0.300	6.5429	20.0
Pyrene-d10	1.045	1.121	0.300	7.2394	25.0
Benzo(a)pyrene-d12	1.071	1.068	0.010	-0.2451	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.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 01:06

Lab File ID: BP023512.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020758 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.530	0.010	-11.9036	40.0
Benzaldehyde	0.897	1.115	0.010	24.2783	40.0
Pyridine	1.427	1.421	0.010	-0.413	40.0
Phenol	1.634	1.773	0.080	8.533	20.0
Bis(2-Chloroethyl)ether	1.290	1.411	0.100	9.4361	20.0
2-Chlorophenol	1.214	1.235	0.200	1.7151	20.0
2-Methylphenol	1.212	1.264	0.010	4.2881	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.782	0.010	13.6148	40.0
Acetophenone	2.132	2.113	0.060	-0.8905	20.0
4-Methylphenol	1.308	1.366	0.010	4.422	20.0
N-Nitroso-di-n-propylamine	1.162	1.166	0.050	0.4173	30.0
Hexachloroethane	0.591	0.569	0.100	-3.7553	20.0
Nitrobenzene	0.454	0.440	0.050	-3.2481	25.0
Isophorone	0.805	0.830	0.050	3.1615	25.0
2-Nitrophenol	0.184	0.184	0.050	0.1393	25.0
2,4-Dimethylphenol	0.407	0.393	0.050	-3.5209	25.0
Bis(2-Chloroethoxy)methane	0.455	0.496	0.050	9.1574	20.0
2,4-Dichlorophenol	0.360	0.340	0.060	-5.462	20.0
Naphthalene	1.047	1.000	0.200	-4.4754	20.0
4-Chloroaniline	0.395	0.407	0.010	3.1661	40.0
Hexachlorobutadiene	0.319	0.253	0.040	-20.7543	30.0
Caprolactam	0.105	0.112	0.010	6.8109	40.0
4-Chloro-3-methylphenol	0.391	0.380	0.040	-2.7842	25.0
1-Methylnaphthalene	0.791	0.735	0.100	-7.1568	20.0
2-Methylnaphthalene	0.776	0.728	0.100	-6.2374	20.0
Hexachlorocyclopentadiene	0.351	0.355	0.010	1.339	40.0
2,4,6-Trichlorophenol	0.432	0.420	0.090	-2.7363	25.0
2,4,5-Trichlorophenol	0.461	0.432	0.100	-6.3752	25.0
1,1-Biphenyl	1.417	1.359	0.200	-4.1249	20.0
2-Chloronaphthalene	1.146	1.084	0.300	-5.4398	20.0
2-Nitroaniline	0.332	0.342	0.050	3.1241	40.0
Dimethylphthalate	1.529	1.413	0.300	-7.6025	20.0
2,6-Dinitrotoluene	0.293	0.292	0.080	-0.4444	30.0
Acenaphthylene	1.668	1.630	0.400	-2.2832	20.0
3-Nitroaniline	0.246	0.271	0.010	10.4874	40.0
Acenaphthene	1.219	1.153	0.200	-5.4241	20.0
2,4-Dinitrophenol	0.189	0.161	0.010	-14.5774	40.0
4-Nitrophenol	0.256	0.214	0.010	-16.4041	40.0
Dibenzofuran	1.851	1.751	0.300	-5.432	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 01:06

Lab File ID: BP023512.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020758 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.444	0.070	-6.0078	30.0
Diethylphthalate	1.525	1.384	0.300	-9.2875	20.0
Fluorene	1.507	1.334	0.200	-11.5203	20.0
4-Chlorophenyl-phenylether	0.874	0.702	0.100	-19.7222	20.0
4-Nitroaniline	0.216	0.248	0.010	14.6779	40.0
4,6-Dinitro-2-methylphenol	0.128	0.125	0.010	-2.6364	40.0
N-Nitrosodiphenylamine	0.511	0.547	0.050	7.1968	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.650	0.100	-10.8985	20.0
4-Bromophenyl-phenylether	0.236	0.216	0.070	-8.3193	20.0
Hexachlorobenzene	0.289	0.244	0.050	-15.6126	25.0
Atrazine	0.222	0.225	0.010	1.0974	25.0
Pentachlorophenol	0.169	0.142	0.010	-16.08	40.0
Phenanthrene	1.034	1.057	0.200	2.2044	20.0
Pentachlorobenzene	0.318	0.301	0.050	-5.3709	20.0
Anthracene	1.034	1.052	0.200	1.7958	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.297	0.050	3.1517	20.0
Carbazole	0.842	0.954	0.050	13.2227	40.0
Di-n-butylphthalate	1.035	1.155	0.500	11.6206	25.0
Fluoranthene	1.197	1.243	0.400	3.8436	25.0
Pyrene	1.271	1.332	0.400	4.8243	25.0
Butylbenzylphthalate	0.440	0.507	0.100	15.283	40.0
3,3-Dichlorobenzidine	0.459	0.450	0.010	-1.8522	40.0
Benzo (a) anthracene	1.341	1.294	0.300	-3.5179	30.0
Chrysene	1.285	1.222	0.200	-4.9524	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.731	0.200	15.6083	40.0
Di-n-octyl phthalate	0.977	1.192	0.010	22.0433	40.0
Benzo (b) fluoranthene	1.257	1.254	0.200	-0.2234	25.0
Benzo (k) fluoranthene	1.250	1.169	0.200	-6.5294	25.0
Benzo (a) pyrene	1.139	1.118	0.200	-1.875	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.377	0.200	-5.9669	25.0
Dibenzo (a,h) anthracene	1.172	1.083	0.200	-7.5558	30.0
Benzo (g,h,i) perylene	1.121	1.064	0.200	-5.0695	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.369	0.040	-19.4349	20.0
1,4-Dioxane-d8	0.543	0.462	0.010	-14.8632	25.0
Pyridine-d5	1.397	1.390	0.010	-0.5038	40.0
Phenol-d5	1.569	1.668	0.010	6.2928	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.085	0.050	9.5798	25.0
2-Chlorophenol-d4	1.158	1.204	0.200	3.9183	20.0
4-Methylphenol-d8	1.267	1.268	0.010	0.1451	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 01:06

Lab File ID: BP023512.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020758 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.149	0.050	-0.4246	20.0
2-Nitrophenol-d4	0.172	0.174	0.050	1.0591	30.0
2,4-Dichlorophenol-d3	0.363	0.347	0.060	-4.4964	20.0
4-Chloroaniline-d4	0.407	0.417	0.010	2.419	40.0
Dimethylphthalate-d6	1.553	1.436	0.300	-7.5084	20.0
Acenaphthylene-d8	1.638	1.605	0.400	-1.9908	20.0
4-Nitrophenol-d4	0.190	0.160	0.010	-15.7839	40.0
Fluorene-d10	1.366	1.199	0.100	-12.1787	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.115	0.010	-4.8848	40.0
Anthracene-d10	0.913	0.909	0.300	-0.4623	20.0
Pyrene-d10	1.045	1.058	0.300	1.2129	25.0
Benzo(a)pyrene-d12	1.071	1.019	0.010	-4.8266	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.: BP121824 SAS No.: BP121824 SDG No.: BP121824
Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 10:31
Lab File ID: BP023526.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020759 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.537	0.010	-10.6511	40.0
Benzaldehyde	0.897	1.060	0.010	18.1849	40.0
Pyridine	1.427	1.439	0.010	0.8727	40.0
Phenol	1.634	1.673	0.080	2.3957	20.0
Bis(2-Chloroethyl)ether	1.290	1.323	0.100	2.5531	20.0
2-Chlorophenol	1.214	1.172	0.200	-3.4476	20.0
2-Methylphenol	1.212	1.190	0.010	-1.755	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.734	0.010	10.5423	40.0
Acetophenone	2.132	2.027	0.060	-4.9338	20.0
4-Methylphenol	1.308	1.288	0.010	-1.4795	20.0
N-Nitroso-di-n-propylamine	1.162	1.121	0.050	-3.4555	30.0
Hexachloroethane	0.591	0.524	0.100	-11.3821	20.0
Nitrobenzene	0.454	0.446	0.050	-1.8424	25.0
Isophorone	0.805	0.836	0.050	3.8881	25.0
2-Nitrophenol	0.184	0.184	0.050	-0.1703	25.0
2,4-Dimethylphenol	0.407	0.401	0.050	-1.4627	25.0
Bis(2-Chloroethoxy)methane	0.455	0.485	0.050	6.6009	20.0
2,4-Dichlorophenol	0.360	0.345	0.060	-4.3015	20.0
Naphthalene	1.047	1.025	0.200	-2.1256	20.0
4-Chloroaniline	0.395	0.414	0.010	4.8628	40.0
Hexachlorobutadiene	0.319	0.249	0.040	-22.102	30.0
Caprolactam	0.105	0.128	0.010	21.8381	40.0
4-Chloro-3-methylphenol	0.391	0.432	0.040	10.4386	25.0
1-Methylnaphthalene	0.791	0.848	0.100	7.199	20.0
2-Methylnaphthalene	0.776	0.823	0.100	6.0243	20.0
Hexachlorocyclopentadiene	0.351	0.330	0.010	-5.976	40.0
2,4,6-Trichlorophenol	0.432	0.432	0.090	-0.0921	25.0
2,4,5-Trichlorophenol	0.461	0.468	0.100	1.4358	25.0
1,1-Biphenyl	1.417	1.446	0.200	2.0444	20.0
2-Chloronaphthalene	1.146	1.153	0.300	0.6331	20.0
2-Nitroaniline	0.332	0.375	0.050	12.9056	40.0
Dimethylphthalate	1.529	1.526	0.300	-0.2054	20.0
2,6-Dinitrotoluene	0.293	0.299	0.080	2.0262	30.0
Acenaphthylene	1.668	1.674	0.400	0.3672	20.0
3-Nitroaniline	0.246	0.286	0.010	16.4283	40.0
Acenaphthene	1.219	1.161	0.200	-4.7321	20.0
2,4-Dinitrophenol	0.189	0.165	0.010	-12.6788	40.0
4-Nitrophenol	0.256	0.232	0.010	-9.5719	40.0
Dibenzofuran	1.851	1.720	0.300	-7.0657	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 10:31

Lab File ID: BP023526.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020759 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.455	0.070	-3.6873	30.0
Diethylphthalate	1.525	1.496	0.300	-1.935	20.0
Fluorene	1.507	1.416	0.200	-6.0726	20.0
4-Chlorophenyl-phenylether	0.874	0.726	0.100	-16.9412	20.0
4-Nitroaniline	0.216	0.264	0.010	22.1976	40.0
4,6-Dinitro-2-methylphenol	0.128	0.128	0.010	0.1239	40.0
N-Nitrosodiphenylamine	0.511	0.526	0.050	3.0704	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.666	0.100	-8.7835	20.0
4-Bromophenyl-phenylether	0.236	0.199	0.070	-15.7658	20.0
Hexachlorobenzene	0.289	0.232	0.050	-19.9436	25.0
Atrazine	0.222	0.229	0.010	3.0774	25.0
Pentachlorophenol	0.169	0.143	0.010	-15.0881	40.0
Phenanthrene	1.034	1.049	0.200	1.4695	20.0
Pentachlorobenzene	0.318	0.268	0.050	-15.79	20.0
Anthracene	1.034	1.060	0.200	2.5419	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.283	0.050	-1.7606	20.0
Carbazole	0.842	0.985	0.050	16.9196	40.0
Di-n-butylphthalate	1.035	1.163	0.500	12.3574	25.0
Fluoranthene	1.197	1.123	0.400	-6.2178	25.0
Pyrene	1.271	1.210	0.400	-4.7379	25.0
Butylbenzylphthalate	0.440	0.476	0.100	8.209	40.0
3,3-Dichlorobenzidine	0.459	0.452	0.010	-1.4905	40.0
Benzo (a) anthracene	1.341	1.281	0.300	-4.4541	30.0
Chrysene	1.285	1.212	0.200	-5.7336	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.693	0.200	9.6771	40.0
Di-n-octyl phthalate	0.977	1.134	0.010	16.0533	40.0
Benzo (b) fluoranthene	1.257	1.236	0.200	-1.6231	25.0
Benzo (k) fluoranthene	1.250	1.172	0.200	-6.22	25.0
Benzo (a) pyrene	1.139	1.109	0.200	-2.6726	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.374	0.200	-6.1765	25.0
Dibenzo (a,h) anthracene	1.172	1.087	0.200	-7.2711	30.0
Benzo (g,h,i) perylene	1.121	1.072	0.200	-4.3783	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.389	0.040	-15.1227	20.0
1,4-Dioxane-d8	0.543	0.470	0.010	-13.4026	25.0
Pyridine-d5	1.397	1.390	0.010	-0.4708	40.0
Phenol-d5	1.569	1.554	0.010	-0.9852	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.028	0.050	3.8116	25.0
2-Chlorophenol-d4	1.158	1.097	0.200	-5.2442	20.0
4-Methylphenol-d8	1.267	1.214	0.010	-4.1186	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 10:31

Lab File ID: BP023526.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020759 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.146	0.050	-2.2344	20.0
2-Nitrophenol-d4	0.172	0.170	0.050	-1.3171	30.0
2,4-Dichlorophenol-d3	0.363	0.345	0.060	-5.0565	20.0
4-Chloroaniline-d4	0.407	0.425	0.010	4.5105	40.0
Dimethylphthalate-d6	1.553	1.546	0.300	-0.402	20.0
Acenaphthylene-d8	1.638	1.634	0.400	-0.2268	20.0
4-Nitrophenol-d4	0.190	0.166	0.010	-12.9126	40.0
Fluorene-d10	1.366	1.309	0.100	-4.1194	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.116	0.010	-4.4358	40.0
Anthracene-d10	0.913	0.927	0.300	1.5402	20.0
Pyrene-d10	1.045	0.984	0.300	-5.8057	25.0
Benzo(a)pyrene-d12	1.071	1.010	0.010	-5.6591	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.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 22:03

Lab File ID: BP023537.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020760 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.548	0.010	-8.8571	40.0
Benzaldehyde	0.897	1.162	0.010	29.5081	40.0
Pyridine	1.427	1.518	0.010	6.3803	40.0
Phenol	1.634	1.768	0.080	8.1934	20.0
Bis(2-Chloroethyl)ether	1.290	1.407	0.100	9.101	20.0
2-Chlorophenol	1.214	1.344	0.200	10.6759	20.0
2-Methylphenol	1.212	1.283	0.010	5.8909	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.795	0.010	14.4615	40.0
Acetophenone	2.132	2.122	0.060	-0.477	20.0
4-Methylphenol	1.308	1.375	0.010	5.161	20.0
N-Nitroso-di-n-propylamine	1.162	1.153	0.050	-0.6907	30.0
Hexachloroethane	0.591	0.559	0.100	-5.3598	20.0
Nitrobenzene	0.454	0.434	0.050	-4.4584	25.0
Isophorone	0.805	0.848	0.050	5.3107	25.0
2-Nitrophenol	0.184	0.188	0.050	2.4396	25.0
2,4-Dimethylphenol	0.407	0.393	0.050	-3.5459	25.0
Bis(2-Chloroethoxy)methane	0.455	0.485	0.050	6.747	20.0
2,4-Dichlorophenol	0.360	0.342	0.060	-5.0521	20.0
Naphthalene	1.047	0.998	0.200	-4.661	20.0
4-Chloroaniline	0.395	0.392	0.010	-0.7348	40.0
Hexachlorobutadiene	0.319	0.252	0.040	-21.1686	30.0
Caprolactam	0.105	0.111	0.010	5.7803	40.0
4-Chloro-3-methylphenol	0.391	0.378	0.040	-3.3431	25.0
1-Methylnaphthalene	0.791	0.782	0.100	-1.1976	20.0
2-Methylnaphthalene	0.776	0.780	0.100	0.4379	20.0
Hexachlorocyclopentadiene	0.351	0.288	0.010	-17.9864	40.0
2,4,6-Trichlorophenol	0.432	0.427	0.090	-1.0542	25.0
2,4,5-Trichlorophenol	0.461	0.440	0.100	-4.628	25.0
1,1-Biphenyl	1.417	1.392	0.200	-1.7638	20.0
2-Chloronaphthalene	1.146	1.108	0.300	-3.3755	20.0
2-Nitroaniline	0.332	0.350	0.050	5.5317	40.0
Dimethylphthalate	1.529	1.453	0.300	-4.9941	20.0
2,6-Dinitrotoluene	0.293	0.289	0.080	-1.4817	30.0
Acenaphthylene	1.668	1.663	0.400	-0.2999	20.0
3-Nitroaniline	0.246	0.274	0.010	11.3555	40.0
Acenaphthene	1.219	1.185	0.200	-2.8089	20.0
2,4-Dinitrophenol	0.189	0.145	0.010	-23.5047	40.0
4-Nitrophenol	0.256	0.218	0.010	-14.9653	40.0
Dibenzofuran	1.851	1.716	0.300	-7.3269	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 22:03

Lab File ID: BP023537.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020760 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.437	0.070	-7.5615	30.0
Diethylphthalate	1.525	1.446	0.300	-5.1677	20.0
Fluorene	1.507	1.373	0.200	-8.9354	20.0
4-Chlorophenyl-phenylether	0.874	0.737	0.100	-15.7568	20.0
4-Nitroaniline	0.216	0.262	0.010	21.2065	40.0
4,6-Dinitro-2-methylphenol	0.128	0.118	0.010	-8.0275	40.0
N-Nitrosodiphenylamine	0.511	0.547	0.050	7.0497	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.672	0.100	-7.9663	20.0
4-Bromophenyl-phenylether	0.236	0.214	0.070	-9.4716	20.0
Hexachlorobenzene	0.289	0.247	0.050	-14.4463	25.0
Atrazine	0.222	0.231	0.010	3.9467	25.0
Pentachlorophenol	0.169	0.152	0.010	-9.9259	40.0
Phenanthrene	1.034	1.043	0.200	0.883	20.0
Pentachlorobenzene	0.318	0.293	0.050	-7.9387	20.0
Anthracene	1.034	1.061	0.200	2.6148	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.294	0.050	2.0355	20.0
Carbazole	0.842	0.947	0.050	12.486	40.0
Di-n-butylphthalate	1.035	1.138	0.500	9.9893	25.0
Fluoranthene	1.197	1.252	0.400	4.5621	25.0
Pyrene	1.271	1.315	0.400	3.5364	25.0
Butylbenzylphthalate	0.440	0.515	0.100	17.1128	40.0
3,3-Dichlorobenzidine	0.459	0.424	0.010	-7.6157	40.0
Benzo (a) anthracene	1.341	1.281	0.300	-4.4931	30.0
Chrysene	1.285	1.178	0.200	-8.3632	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.730	0.200	15.5196	40.0
Di-n-octyl phthalate	0.977	1.197	0.010	22.5832	40.0
Benzo (b) fluoranthene	1.257	1.215	0.200	-3.2927	25.0
Benzo (k) fluoranthene	1.250	1.178	0.200	-5.7826	25.0
Benzo (a) pyrene	1.139	1.100	0.200	-3.4198	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.367	0.200	-6.6408	25.0
Dibenzo (a,h) anthracene	1.172	1.087	0.200	-7.2371	30.0
Benzo (g,h,i) perylene	1.121	1.056	0.200	-5.8132	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.401	0.040	-12.462	20.0
Pyridine-d5	1.397	1.440	0.010	3.0643	40.0
1,4-Dioxane-d8	0.543	0.487	0.010	-10.4114	25.0
Phenol-d5	1.569	1.679	0.010	6.9909	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.082	0.050	9.2546	25.0
2-Chlorophenol-d4	1.158	1.303	0.200	12.4622	20.0
4-Methylphenol-d8	1.267	1.285	0.010	1.4842	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824
 Instrument ID: BNA_P Calibration Date/Time: 12/19/2024 : 22:03
 Lab File ID: BP023537.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020760 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.147	0.050	-1.6761	20.0
2-Nitrophenol-d4	0.172	0.180	0.050	4.3406	30.0
2,4-Dichlorophenol-d3	0.363	0.348	0.060	-4.1271	20.0
4-Chloroaniline-d4	0.407	0.418	0.010	2.6421	40.0
Dimethylphthalate-d6	1.553	1.454	0.300	-6.3352	20.0
Acenaphthylene-d8	1.638	1.605	0.400	-1.9878	20.0
4-Nitrophenol-d4	0.190	0.170	0.010	-10.8507	40.0
Fluorene-d10	1.366	1.238	0.100	-9.3487	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.110	0.010	-9.0235	40.0
Anthracene-d10	0.913	0.912	0.300	-0.0424	20.0
Pyrene-d10	1.045	1.084	0.300	3.7222	25.0
Benzo(a)pyrene-d12	1.071	1.006	0.010	-5.9996	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.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/20/2024 : 08:10

Lab File ID: BP023551.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020761 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.503	0.010	-16.3963	50.0
Benzaldehyde	0.897	1.149	0.010	28.11	50.0
Pyridine	1.427	1.428	0.010	0.1079	50.0
Phenol	1.634	1.852	0.080	13.3829	50.0
Bis(2-Chloroethyl)ether	1.290	1.385	0.100	7.3885	50.0
2-Chlorophenol	1.214	1.288	0.200	6.1074	50.0
2-Methylphenol	1.212	1.312	0.010	8.2756	50.0
2,2-oxybis(1-Chloropropane)	1.568	1.669	0.010	6.4489	50.0
Acetophenone	2.132	2.175	0.060	2.0498	50.0
4-Methylphenol	1.308	1.426	0.010	9.0129	50.0
N-Nitroso-di-n-propylamine	1.162	1.155	0.050	-0.5911	50.0
Hexachloroethane	0.591	0.537	0.100	-9.1222	50.0
Nitrobenzene	0.454	0.430	0.050	-5.4147	50.0
Isophorone	0.805	0.819	0.050	1.79	50.0
2-Nitrophenol	0.184	0.195	0.050	5.8332	50.0
2,4-Dimethylphenol	0.407	0.400	0.050	-1.8689	50.0
Bis(2-Chloroethoxy)methane	0.455	0.489	0.050	7.5505	50.0
2,4-Dichlorophenol	0.360	0.364	0.060	1.0402	50.0
Naphthalene	1.047	1.023	0.200	-2.2946	50.0
4-Chloroaniline	0.395	0.423	0.010	7.1022	50.0
Hexachlorobutadiene	0.319	0.257	0.040	-19.5985	50.0
Caprolactam	0.105	0.121	0.010	15.0253	50.0
4-Chloro-3-methylphenol	0.391	0.394	0.040	0.6725	50.0
1-Methylnaphthalene	0.791	0.765	0.100	-3.2701	50.0
2-Methylnaphthalene	0.776	0.743	0.100	-4.343	50.0
Hexachlorocyclopentadiene	0.351	0.212	0.010	-39.6061	50.0
2,4,6-Trichlorophenol	0.432	0.440	0.090	1.959	50.0
2,4,5-Trichlorophenol	0.461	0.479	0.100	3.7744	50.0
1,1-Biphenyl	1.417	1.391	0.200	-1.8695	50.0
2-Chloronaphthalene	1.146	1.122	0.300	-2.1528	50.0
2-Nitroaniline	0.332	0.340	0.050	2.2852	50.0
Dimethylphthalate	1.529	1.446	0.300	-5.4384	50.0
2,6-Dinitrotoluene	0.293	0.304	0.080	3.6511	50.0
Acenaphthylene	1.668	1.690	0.400	1.3164	50.0
3-Nitroaniline	0.246	0.297	0.010	21.0528	50.0
Acenaphthene	1.219	1.184	0.200	-2.8349	50.0
2,4-Dinitrophenol	0.189	0.133	0.010	-29.7011	50.0
4-Nitrophenol	0.256	0.221	0.010	-13.6329	50.0
Dibenzofuran	1.851	1.742	0.300	-5.8937	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/20/2024 : 08:10

Lab File ID: BP023551.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020761 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.456	0.070	-3.4839	50.0
Diethylphthalate	1.525	1.400	0.300	-8.2325	50.0
Fluorene	1.507	1.422	0.200	-5.6795	50.0
4-Chlorophenyl-phenylether	0.874	0.761	0.100	-12.9225	50.0
4-Nitroaniline	0.216	0.289	0.010	33.8275	50.0
4,6-Dinitro-2-methylphenol	0.128	0.110	0.010	-13.9837	50.0
N-Nitrosodiphenylamine	0.511	0.536	0.050	4.8984	50.0
1,2,4,5-Tetrachlorobenzene	0.730	0.662	0.100	-9.2959	50.0
4-Bromophenyl-phenylether	0.236	0.214	0.070	-9.5596	50.0
Hexachlorobenzene	0.289	0.243	0.050	-15.92	50.0
Atrazine	0.222	0.227	0.010	2.161	50.0
Pentachlorophenol	0.169	0.149	0.010	-11.6538	50.0
Phenanthrene	1.034	1.041	0.200	0.6423	50.0
Pentachlorobenzene	0.318	0.295	0.050	-7.2751	50.0
Anthracene	1.034	1.065	0.200	3.0371	50.0
1,2,3,4-Tetrachlorobenzene	0.288	0.291	0.050	0.984	50.0
Carbazole	0.842	0.964	0.050	14.4795	50.0
Di-n-butylphthalate	1.035	1.090	0.500	5.3394	50.0
Fluoranthene	1.197	1.313	0.400	9.6858	50.0
Pyrene	1.271	1.372	0.400	8.0047	50.0
Butylbenzylphthalate	0.440	0.516	0.100	17.2809	50.0
3,3-Dichlorobenzidine	0.459	0.435	0.010	-5.3048	50.0
Benzo (a) anthracene	1.341	1.325	0.300	-1.1701	50.0
Chrysene	1.285	1.223	0.200	-4.8087	50.0
Bis(2-ethylhexyl)phthalate	0.632	0.705	0.200	11.5138	50.0
Di-n-octyl phthalate	0.977	1.135	0.010	16.2425	50.0
Benzo (b) fluoranthene	1.257	1.189	0.200	-5.4021	50.0
Benzo (k) fluoranthene	1.250	1.162	0.200	-7.0559	50.0
Benzo (a) pyrene	1.139	1.085	0.200	-4.7305	50.0
Indeno (1,2,3-cd) pyrene	1.464	1.379	0.200	-5.8231	50.0
Dibenzo (a,h) anthracene	1.172	1.101	0.200	-5.9932	50.0
Benzo (g,h,i) perylene	1.121	1.058	0.200	-5.6189	50.0
2,3,4,6-Tetrachlorophenol	0.458	0.413	0.040	-9.9043	50.0
1,4-Dioxane-d8	0.543	0.454	0.010	-16.4811	50.0
Pyridine-d5	1.397	1.375	0.010	-1.6028	50.0
Phenol-d5	1.569	1.753	0.010	11.7031	50.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.041	0.050	5.1114	50.0
2-Chlorophenol-d4	1.158	1.238	0.200	6.9021	50.0
4-Methylphenol-d8	1.267	1.339	0.010	5.7229	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG No.: BP121824

Instrument ID: BNA_P Calibration Date/Time: 12/20/2024 : 08:10

Lab File ID: BP023551.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020761 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.152	0.050	1.6637	50.0
2-Nitrophenol-d4	0.172	0.184	0.050	6.9588	50.0
2,4-Dichlorophenol-d3	0.363	0.365	0.060	0.3915	50.0
4-Chloroaniline-d4	0.407	0.435	0.010	6.8881	50.0
Dimethylphthalate-d6	1.553	1.448	0.300	-6.7603	50.0
Acenaphthylene-d8	1.638	1.640	0.400	0.1676	50.0
4-Nitrophenol-d4	0.190	0.195	0.010	2.6218	50.0
Fluorene-d10	1.366	1.287	0.100	-5.7429	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.103	0.010	-15.005	50.0
Anthracene-d10	0.913	0.930	0.300	1.9375	50.0
Pyrene-d10	1.045	1.107	0.300	5.9315	50.0
Benzo(a)pyrene-d12	1.071	1.010	0.010	-5.6395	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BP121824
Lab Sample ID:	PB165651BL	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
BP023498.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BP121824
Lab Sample ID:	PB165651BL	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
BP023498.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BP121824
Lab Sample ID:	PB165651BL	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
BP023498.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

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	4.672		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	26.265		20-120		66	SPK: -40
4165-62-2	Phenol-d5	26.607		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.343		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.851		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.04		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	24.088		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.994		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.5		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.589		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.311		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.586		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.989		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	24.573		25-125		61	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BP121824
Lab Sample ID:	PB165651BL	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
BP023498.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.981		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.843		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	25.841		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.108		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292475	7.505				
1146-65-2	Naphthalene-d8	1097336	10.251				
15067-26-2	Acenaphthene-d10	709439	14.134				
1517-22-2	Phenanthrene-d10	1625155	16.951				
1719-03-5	Chrysene-d12	1780774	21.392				
1520-96-3	Perylene-d12	1794140	24.568				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BP121824
Lab Sample ID:	PB165652BL	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
BP023499.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

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	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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BP121824
Lab Sample ID:	PB165652BL	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
BP023499.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BP121824
Lab Sample ID:	PB165652BL	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
BP023499.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.1		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	27.648		20-120		69	SPK: -40
4165-62-2	Phenol-d5	32.555		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.125		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.867		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.836		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	33.934		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.574		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.476		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.792		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.8		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.49		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.942		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	30.519		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BP121824
Lab Sample ID:	PB165652BL	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
BP023499.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.386		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	33.999		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	33.27		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.352		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228465	7.522				
1146-65-2	Naphthalene-d8	790650	10.263				
15067-26-2	Acenaphthene-d10	592081	14.14				
1517-22-2	Phenanthrene-d10	1334522	16.957				
1719-03-5	Chrysene-d12	1489658	21.374				
1520-96-3	Perylene-d12	1568409	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	C0AS8	SDG No.:	BP121824
Lab Sample ID:	P5235-01	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
BP023500.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	C0AS8	SDG No.:	BP121824
Lab Sample ID:	P5235-01	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
BP023500.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	C0AS8	SDG No.:	BP121824
Lab Sample ID:	P5235-01	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
BP023500.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	37.83		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	66.54	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	98.05		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	343.42		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	289.13		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	211.06		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	307.9		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	322.8		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	286.14		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	249.44		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	326.63		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	273.69		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	109.52		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	298.52		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	C0AS8	SDG No.:	BP121824
Lab Sample ID:	P5235-01	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
BP023500.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	321.71		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	359.44		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	359.52		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	346.73		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	259553	7.528				
1146-65-2	Naphthalene-d8	924865	10.269				
15067-26-2	Acenaphthene-d10	690407	14.139				
1517-22-2	Phenanthrene-d10	1554042	16.951				
1719-03-5	Chrysene-d12	1641470	21.38				
1520-96-3	Perylene-d12	1707758	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	35	J			4.681	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT0	SDG No.:	BP121824
Lab Sample ID:	P5235-02	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
BP023501.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT0	SDG No.:	BP121824
Lab Sample ID:	P5235-02	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
BP023501.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT0	SDG No.:	BP121824
Lab Sample ID:	P5235-02	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
BP023501.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	42.46		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	48.46	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	86.11		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	292.97		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	248.79		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	193.38		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	271.31		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	286.03		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	255.4		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	246.13		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	300.47		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	249.85		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	97.54		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	274.83		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT0	SDG No.:	BP121824
Lab Sample ID:	P5235-02	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
BP023501.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	312.6		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	344.31		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	343.86		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	332.74		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241290	7.528				
1146-65-2	Naphthalene-d8	912460	10.269				
15067-26-2	Acenaphthene-d10	688625	14.145				
1517-22-2	Phenanthrene-d10	1551585	16.951				
1719-03-5	Chrysene-d12	1696192	21.374				
1520-96-3	Perylene-d12	1757410	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	33	J			4.681	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BP121824
Lab Sample ID:	P5235-03	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
BP023502.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BP121824
Lab Sample ID:	P5235-03	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
BP023502.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BP121824
Lab Sample ID:	P5235-03	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
BP023502.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	40.69		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	83.23		20-120		20	SPK: -40
4165-62-2	Phenol-d5	101.91		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	357.2		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	300.05		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	210.67		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	318.3		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	333.79		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	291.4		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	252.47		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	324.06		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	283.69		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	109.71		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	300.7		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BP121824
Lab Sample ID:	P5235-03	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
BP023502.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	330.16		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	372.35		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	358.89		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	351.16		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251671	7.528				
1146-65-2	Naphthalene-d8	897942	10.269				
15067-26-2	Acenaphthene-d10	654364	14.145				
1517-22-2	Phenanthrene-d10	1412170	16.951				
1719-03-5	Chrysene-d12	1550773	21.38				
1520-96-3	Perylene-d12	1613968	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	44	J			4.687	
086562-99-4	2,3-2H-Benzofuran-2-one, 3,3,4,6-tetramethy	25	J			11.104	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT2	SDG No.:	BP121824
Lab Sample ID:	P5235-04	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023503.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT2	SDG No.:	BP121824
Lab Sample ID:	P5235-04	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023503.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT2	SDG No.:	BP121824
Lab Sample ID:	P5235-04	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023503.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	40.5		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	81.96		20-120		20	SPK: -40
4165-62-2	Phenol-d5	85.56		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	293.1		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	249.04		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	200.03		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	286.85		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	301.39		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	258.92		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	232.38		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	307.2		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	250.52		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	112.43		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	278.28		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT2	SDG No.:	BP121824
Lab Sample ID:	P5235-04	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023503.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	309.33		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	358.04		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	354.23		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	330.53		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245460	7.522				
1146-65-2	Naphthalene-d8	874532	10.263				
15067-26-2	Acenaphthene-d10	677272	14.14				
1517-22-2	Phenanthrene-d10	1491365	16.951				
1719-03-5	Chrysene-d12	1616145	21.38				
1520-96-3	Perylene-d12	1655270	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	31	J			4.681	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT3	SDG No.:	BP121824
Lab Sample ID:	P5235-05	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
BP023504.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT3	SDG No.:	BP121824
Lab Sample ID:	P5235-05	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
BP023504.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT3	SDG No.:	BP121824
Lab Sample ID:	P5235-05	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
BP023504.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	40.85		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	77.38	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	98.79		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	360.32		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	302.83		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	212.7		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	329.29		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	344.62		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	295.25		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	263.31		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	337.11		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	297.39		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	110.69		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	306.96		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	C0AT3	SDG No.:	BP121824
Lab Sample ID:	P5235-05	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
BP023504.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	324.71		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	390.24		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	358.61		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	373.75		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213319	7.528				
1146-65-2	Naphthalene-d8	770673	10.269				
15067-26-2	Acenaphthene-d10	515406	14.145				
1517-22-2	Phenanthrene-d10	1120601	16.957				
1719-03-5	Chrysene-d12	1360018	21.386				
1520-96-3	Perylene-d12	1527563	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	28	J			17.892	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT5	SDG No.:	BP121824
Lab Sample ID:	P5235-06	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
BP023505.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT5	SDG No.:	BP121824
Lab Sample ID:	P5235-06	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
BP023505.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT5	SDG No.:	BP121824
Lab Sample ID:	P5235-06	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
BP023505.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	47.53		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	109.11		20-120		27	SPK: -40
4165-62-2	Phenol-d5	95.95		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	381.19		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	311.34		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	221.29		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	345.01		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	359.43		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	309.81		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	266.16		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	347.92		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	311.03		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	106.98		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	312		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT5	SDG No.:	BP121824
Lab Sample ID:	P5235-06	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
BP023505.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	331.01		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	377.34		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	376.6		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	360.18		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237293	7.528				
1146-65-2	Naphthalene-d8	915137	10.269				
15067-26-2	Acenaphthene-d10	672550	14.134				
1517-22-2	Phenanthrene-d10	1460867	16.945				
1719-03-5	Chrysene-d12	1580730	21.38				
1520-96-3	Perylene-d12	1639821	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	46	J			4.681	
000092-69-3	p-Hydroxybiphenyl	26	J			16.222	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT6	SDG No.:	BP121824
Lab Sample ID:	P5235-07	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
BP023506.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT6	SDG No.:	BP121824
Lab Sample ID:	P5235-07	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
BP023506.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT6	SDG No.:	BP121824
Lab Sample ID:	P5235-07	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
BP023506.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	41.47		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	94.14		20-120		23	SPK: -40
4165-62-2	Phenol-d5	90.72		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	339.73		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	280.29		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	201.23		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	309.35		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	314.92		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	277.11		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	254.55		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	321.43		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	286.56		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	99.78		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	301.65		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AT6	SDG No.:	BP121824
Lab Sample ID:	P5235-07	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
BP023506.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	310.53		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	353.18		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	364.68		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	343.73		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236674	7.522				
1146-65-2	Naphthalene-d8	886893	10.269				
15067-26-2	Acenaphthene-d10	637282	14.14				
1517-22-2	Phenanthrene-d10	1409245	16.951				
1719-03-5	Chrysene-d12	1479703	21.375				
1520-96-3	Perylene-d12	1531271	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	42	J			4.681	
1000189-42-9	2,3,3,4,7-Pentamethyl-2,3-dihydro-benzofuran	23	J			11.099	
000057-10-3	n-Hexadecanoic acid	21	J			17.881	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT7	SDG No.:	BP121824
Lab Sample ID:	P5235-08	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
BP023507.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT7	SDG No.:	BP121824
Lab Sample ID:	P5235-08	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
BP023507.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT7	SDG No.:	BP121824
Lab Sample ID:	P5235-08	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
BP023507.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	42.29		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	89.98		20-120		22	SPK: -40
4165-62-2	Phenol-d5	88.23		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	320.95		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	268.25		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	198.75		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	300.73		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	313.56		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	272.38		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	256.55		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	311.53		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	291.86		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	107.08		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	292.06		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AT7	SDG No.:	BP121824
Lab Sample ID:	P5235-08	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
BP023507.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	283.88		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	321.11		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	317.8		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	301.18		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221662	7.528				
1146-65-2	Naphthalene-d8	811487	10.275				
15067-26-2	Acenaphthene-d10	594023	14.145				
1517-22-2	Phenanthrene-d10	1422935	16.951				
1719-03-5	Chrysene-d12	1640962	21.386				
1520-96-3	Perylene-d12	1743413	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	29	J			4.681	
000057-10-3	n-Hexadecanoic acid	21	J			17.887	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP121824
Lab Sample ID:	P5235-09	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
BP023508.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP121824
Lab Sample ID:	P5235-09	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
BP023508.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP121824
Lab Sample ID:	P5235-09	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
BP023508.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	40.37		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	67.1	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	70.3		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	331.6		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	258.38		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	172.98		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	321.02		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	326.82		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	275.47		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	255.7		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	309.81		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	294.63		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	78.45		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	302.77		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP121824
Lab Sample ID:	P5235-09	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
BP023508.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	298.88		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	346.42		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	344.7		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	323.73		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243052	7.528				
1146-65-2	Naphthalene-d8	862175	10.275				
15067-26-2	Acenaphthene-d10	628590	14.145				
1517-22-2	Phenanthrene-d10	1417230	16.945				
1719-03-5	Chrysene-d12	1541195	21.374				
1520-96-3	Perylene-d12	1727283	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	34	J			4.681	
010375-96-9	Benzene, 1,4-dimethyl-2,5-bis(1-me	26	J			11.104	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP121824
Lab Sample ID:	P5235-10	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
BP023509.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP121824
Lab Sample ID:	P5235-10	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
BP023509.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP121824
Lab Sample ID:	P5235-10	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
BP023509.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	41.67		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	75.15	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	73.01		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	362.45		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	279.55		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	192.84		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	328.32		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	341.23		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	294.48		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	252.86		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	333.63		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	320.86		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	77.15		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	319.72		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP121824
Lab Sample ID:	P5235-10	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
BP023509.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	301.26		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	369.41		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	370.91		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	358.27		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229578	7.528				
1146-65-2	Naphthalene-d8	876475	10.263				
15067-26-2	Acenaphthene-d10	653887	14.14				
1517-22-2	Phenanthrene-d10	1445379	16.951				
1719-03-5	Chrysene-d12	1585085	21.38				
1520-96-3	Perylene-d12	1639879	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	35	J			4.681	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	21	J			13.022	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP121824
Lab Sample ID:	P5235-11	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
BP023510.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP121824
Lab Sample ID:	P5235-11	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
BP023510.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP121824
Lab Sample ID:	P5235-11	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
BP023510.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	42.19		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	64.4	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	77.99		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	370.72		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	290.48		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	182.78		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	325.48		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	330.81		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	288.69		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	251.92		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	339.86		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	314.07		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	88.8		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	321.73		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP121824
Lab Sample ID:	P5235-11	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
BP023510.D	10	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	319.84		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	370.08		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	353.85		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	351.55		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186196	7.528				
1146-65-2	Naphthalene-d8	700784	10.275				
15067-26-2	Acenaphthene-d10	555802	14.145				
1517-22-2	Phenanthrene-d10	1357085	16.951				
1719-03-5	Chrysene-d12	1642205	21.38				
1520-96-3	Perylene-d12	1651161	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	35	J			4.681	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	22	J			13.034	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BP121824
Lab Sample ID:	PB165651BS	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
BP023511.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.3		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	5.1	J	1.1	5	10	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	30		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.9	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.1	2.5	5	ug/L
91-20-3	Naphthalene	27		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	22		1.5	2.5	5	ug/L
105-60-2	Caprolactam	33		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	25		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	19		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BP121824
Lab Sample ID:	PB165651BS	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
BP023511.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	25		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.3	2.5	5	ug/L
86-73-7	Fluorene	26		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	24		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	24		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	25		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	23		1.2	2.5	5	ug/L
1912-24-9	Atrazine	28		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	25		1.9	5	10	ug/L
85-01-8	Phenanthrene	28		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	30		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BP121824
Lab Sample ID:	PB165651BS	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
BP023511.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.1	2.5	5	ug/L
218-01-9	Chrysene	27		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	27		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.885		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	30.773		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.433		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.326		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.09		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.538		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.11		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.785		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.574		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.703		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.131		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.154		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.329		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	25.695		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BP121824
Lab Sample ID:	PB165651BS	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
BP023511.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.021		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	27.755		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.689		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.355		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243120	7.528				
1146-65-2	Naphthalene-d8	925337	10.269				
15067-26-2	Acenaphthene-d10	683212	14.133				
1517-22-2	Phenanthrene-d10	1553936	16.945				
1719-03-5	Chrysene-d12	1578154	21.374				
1520-96-3	Perylene-d12	1664563	24.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK677	SDG No.:	BP121824
Lab Sample ID:	PB165677BL	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
BP023513.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK677	SDG No.:	BP121824
Lab Sample ID:	PB165677BL	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
BP023513.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK677	SDG No.:	BP121824
Lab Sample ID:	PB165677BL	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
BP023513.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.275		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	30.105		20-120		75	SPK: -40
4165-62-2	Phenol-d5	29.589		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.579		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.805		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.299		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	27.662		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.523		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.851		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.133		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.204		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.399		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.743		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	24.217		25-125		61	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK677	SDG No.:	BP121824
Lab Sample ID:	PB165677BL	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
BP023513.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.277		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.707		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.108		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.649		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248868	7.522				
1146-65-2	Naphthalene-d8	900936	10.269				
15067-26-2	Acenaphthene-d10	689011	14.14				
1517-22-2	Phenanthrene-d10	1487734	16.945				
1719-03-5	Chrysene-d12	1638258	21.38				
1520-96-3	Perylene-d12	1691904	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023514.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023514.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023514.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023514.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127269	7.522				
1146-65-2	Naphthalene-d8	477357	10.269				
15067-26-2	Acenaphthene-d10	335407	14.145				
1517-22-2	Phenanthrene-d10	762483	16.951				
1719-03-5	Chrysene-d12	912735	21.38				
1520-96-3	Perylene-d12	995156	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BP121824
Lab Sample ID:	P5235-12	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
BP023515.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BP121824
Lab Sample ID:	P5235-12	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
BP023515.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BP121824
Lab Sample ID:	P5235-12	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
BP023515.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	38.54		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	71.42	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	76.32		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	394.07		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	298.25		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	194.88		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	332.54		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	343.15		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	303.87		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	266.05		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	356.72		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	333.14		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	80.06		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	342.34		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BP121824
Lab Sample ID:	P5235-12	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
BP023515.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	320.76		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	379.62		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	369.11		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	357.37		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207707	7.528				
1146-65-2	Naphthalene-d8	813770	10.275				
15067-26-2	Acenaphthene-d10	613829	14.139				
1517-22-2	Phenanthrene-d10	1461365	16.951				
1719-03-5	Chrysene-d12	1677722	21.38				
1520-96-3	Perylene-d12	1707788	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	27	J			4.681	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	24	J			13.028	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	DCZF0	SDG No.:	BP121824
Lab Sample ID:	P5263-01	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
BP023516.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	9.4	U	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	DCZF0	SDG No.:	BP121824
Lab Sample ID:	P5263-01	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
BP023516.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	DCZF0	SDG No.:	BP121824
Lab Sample ID:	P5263-01	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
BP023516.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	48.53		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	80.44		20-120		20	SPK: -40
4165-62-2	Phenol-d5	100.88		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	424.88		25-120		106	SPK: -40
93951-73-6	2-Chlorophenol-d4	347.37		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	224.69		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	378.33		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	377.93		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	325.77		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	295.91		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	364.42		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	365.08		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	101.49		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	353.89		25-125		88	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	DCZF0	SDG No.:	BP121824
Lab Sample ID:	P5263-01	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
BP023516.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	338.84		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	409.32		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	391.47		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	381.56		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211144	7.528				
1146-65-2	Naphthalene-d8	798066	10.269				
15067-26-2	Acenaphthene-d10	606510	14.139				
1517-22-2	Phenanthrene-d10	1367356	16.957				
1719-03-5	Chrysene-d12	1529822	21.368				
1520-96-3	Perylene-d12	1620826	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	46	J			4.681	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH4	SDG No.:	BP121824
Lab Sample ID:	P5257-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023517.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.4	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	57	U	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.4	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.4	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.4	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.4	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.4	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.4	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.4	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.4	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH4	SDG No.:	BP121824
Lab Sample ID:	P5257-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023517.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.4	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.4	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.4	240	ug/Kg
208-96-8	Acenaphthylene	60	J	45	60.4	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	45	U	45	60.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.4	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.4	240	ug/Kg
86-73-7	Fluorene	51	J	36	60.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.4	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.4	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	60.4	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	430		41	60.4	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.4	240	ug/Kg
120-12-7	Anthracene	100	J	36	60.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.4	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.4	240	ug/Kg
206-44-0	Fluoranthene	400		77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH4	SDG No.:	BP121824
Lab Sample ID:	P5257-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023517.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		70	60.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	38	60.4	240	ug/Kg
218-01-9	Chrysene	130	J	44	60.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	47	60.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	45	60.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	J	44	60.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	60.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	J	37	60.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.994		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	15.4		20-120		38	SPK: -40
4165-62-2	Phenol-d5	19.225		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.647		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.712		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	20.264		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	18.275		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.051		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.768		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.524		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.966		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	16.684		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.549		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	15.699		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH4	SDG No.:	BP121824
Lab Sample ID:	P5257-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023517.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.441		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	16.554		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	15.814		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.51		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234324	7.528				
1146-65-2	Naphthalene-d8	931617	10.269				
15067-26-2	Acenaphthene-d10	697439	14.134				
1517-22-2	Phenanthrene-d10	1538394	16.939				
1719-03-5	Chrysene-d12	1690637	21.375				
1520-96-3	Perylene-d12	1790454	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	660	J			15.534	
000057-10-3	n-Hexadecanoic acid	350	J			17.881	
000203-64-5	4H-Cyclopenta[def]phenanthrene	100	J			18.057	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH5	SDG No.:	BP121824
Lab Sample ID:	P5257-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023518.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.1	100	ug/Kg
100-52-7	Benzaldehyde	69	U	69	130	500	ug/Kg
110-86-1	Pyridine	50	U	50	250	500	ug/Kg
108-95-2	Phenol	66	U	66	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	130	500	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	65	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	130	500	ug/Kg
98-86-2	Acetophenone	61	U	61	130	500	ug/Kg
106-44-5	4-Methylphenol	57	U	57	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	78	U	78	65	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	65	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	65	260	ug/Kg
78-59-1	Isophorone	73	U	73	65	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	65	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	65	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	65	260	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	65	260	ug/Kg
91-20-3	Naphthalene	38	U	38	65	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	65	500	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	65	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	65	260	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	65	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	65	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	65	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	65	260	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH5	SDG No.:	BP121824
Lab Sample ID:	P5257-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.8
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
BP023518.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	65	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	65	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	65	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	65	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	67	U	67	65	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	65	260	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	130	500	ug/Kg
83-32-9	Acenaphthene	44	U	44	65	260	ug/Kg
51-28-5	2,4-Dinitrophenol	73	U	73	130	500	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	500	ug/Kg
132-64-9	Dibenzofuran	49	U	49	65	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	65	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	65	260	ug/Kg
86-73-7	Fluorene	38	U	38	65	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65	260	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	65	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	65	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	65	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	65	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	500	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	500	ug/Kg
85-01-8	Phenanthrene	44	U	44	65	260	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	65	260	ug/Kg
120-12-7	Anthracene	38	U	38	65	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	76	U	76	65	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	65	260	ug/Kg
206-44-0	Fluoranthene	83	U	83	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH5	SDG No.:	BP121824
Lab Sample ID:	P5257-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023518.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	75	U	75	65	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	65	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73	U	73	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	65	260	ug/Kg
218-01-9	Chrysene	47	U	47	65	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	65	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	65	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	65	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	65	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	65	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	65	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	65	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.554		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	32.581		20-120		81	SPK: -40
4165-62-2	Phenol-d5	37.542		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.708		10-150		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.636		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	36.279		10-140		91	SPK: -40
4165-60-0	Nitrobenzene-d5	36.408		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.556		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.589		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.611		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.515		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.034		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.624		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	28.716		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	JNLH5	SDG No.:	BP121824
Lab Sample ID:	P5257-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.8
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
BP023518.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.544		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	30.46		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	28.491		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.814		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192778	7.522				
1146-65-2	Naphthalene-d8	772503	10.263				
15067-26-2	Acenaphthene-d10	580443	14.134				
1517-22-2	Phenanthrene-d10	1334021	16.945				
1719-03-5	Chrysene-d12	1472084	21.38				
1520-96-3	Perylene-d12	1536908	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1200	J			15.522	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	140	J			16.104	
000057-10-3	n-Hexadecanoic acid	650	J			17.881	
000057-11-4	Octadecanoic acid	110	J			19.222	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	180	J			19.504	
	(DEL) Alkane: Straight-Chain21.051	290	J			21.051	
E966796	Total Alkanes	290				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121824
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023519.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	130	J	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	440	J	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73	290	ug/Kg
78-59-1	Isophorone	82	U	82	73	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	73	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73	290	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121824
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP023519.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	73	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73	290	ug/Kg
86-73-7	Fluorene	43	U	43	73	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	50	U	50	73	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	73	290	ug/Kg
120-12-7	Anthracene	43	U	43	73	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	73	290	ug/Kg
206-44-0	Fluoranthene	93	U	93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121824
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023519.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	73	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	73	290	ug/Kg
218-01-9	Chrysene	53	U	53	73	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	73	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	73	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	73	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.7		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.211		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.774		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.415		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	11.27		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	11.553		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.349		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.826		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.833		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.924		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	10.871		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.041		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	10.564		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121824
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP023519.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.72	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	11.849		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	9.871		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.6		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281331	7.522				
1146-65-2	Naphthalene-d8	1024392	10.269				
15067-26-2	Acenaphthene-d10	749102	14.128				
1517-22-2	Phenanthrene-d10	1635297	16.939				
1719-03-5	Chrysene-d12	1652975	21.374				
1520-96-3	Perylene-d12	1790286	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain15.416	140	J			15.416	
	(DEL) Alkane: Straight-Chain15.904	270	J			15.904	
	(DEL) Alkane: Straight-Chain16.757	300	J			16.757	
000057-10-3	n-Hexadecanoic acid	190	J			17.881	
	(DEL) Alkane: Cyclic21.045	240	J			21.045	
E966796	Total Alkanes	950				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SLCS701	SDG No.:	BP121824
Lab Sample ID:	PB165701BS	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
BP023520.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	140	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	1000		33	170	330	ug/Kg
108-95-2	Phenol	1100		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		60	82.5	330	ug/Kg
98-86-2	Acetophenone	900		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	910		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	870		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	930		31	42.5	170	ug/Kg
78-59-1	Isophorone	950		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	970		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	920		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	930		16	42.5	170	ug/Kg
91-20-3	Naphthalene	890		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	570		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	720		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	850		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	860		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SLCS701	SDG No.:	BP121824
Lab Sample ID:	PB165701BS	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
BP023520.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	890		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	900		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	970		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	930		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	900		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	880		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	840		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	850		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	880		30	42.5	170	ug/Kg
86-73-7	Fluorene	860		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	970		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	820		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	780		32	42.5	170	ug/Kg
1912-24-9	Atrazine	920		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	840		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	940		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	850		52	42.5	170	ug/Kg
120-12-7	Anthracene	940		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	930		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	960		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SLCS701	SDG No.:	BP121824
Lab Sample ID:	PB165701BS	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
BP023520.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	940		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	910		27	42.5	170	ug/Kg
218-01-9	Chrysene	900		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	910		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	900		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	830		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.652		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	30.026		20-120		75	SPK: -40
4165-62-2	Phenol-d5	31.122		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.745		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.163		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	28.992		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	28.031		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.959		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.97		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.793		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.58		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.64		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.829		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	24.635		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SLCS701	SDG No.:	BP121824
Lab Sample ID:	PB165701BS	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
BP023520.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.304		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	27.39		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.356		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.284		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211883	7.522				
1146-65-2	Naphthalene-d8	801224	10.263				
15067-26-2	Acenaphthene-d10	575377	14.14				
1517-22-2	Phenanthrene-d10	1280602	16.945				
1719-03-5	Chrysene-d12	1411408	21.369				
1520-96-3	Perylene-d12	1577321	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS677	SDG No.:	BP121824
Lab Sample ID:	PB165677BS	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
BP023521.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.7	J	1.1	5	10	ug/L
110-86-1	Pyridine	30		1.7	10	10	ug/L
108-95-2	Phenol	33		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	31		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.9	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	26		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	27		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	22		1.5	2.5	5	ug/L
105-60-2	Caprolactam	31		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	19		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS677	SDG No.:	BP121824
Lab Sample ID:	PB165677BS	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
BP023521.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	25		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.3	2.5	5	ug/L
86-73-7	Fluorene	24		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	23		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	24		1.2	2.5	5	ug/L
1912-24-9	Atrazine	29		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	26		1.9	5	10	ug/L
85-01-8	Phenanthrene	29		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	30		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS677	SDG No.:	BP121824
Lab Sample ID:	PB165677BS	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
BP023521.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.1	2.5	5	ug/L
218-01-9	Chrysene	27		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	27		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.088		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	30.991		20-120		77	SPK: -40
4165-62-2	Phenol-d5	32.875		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.806		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.978		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	31.628		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	26.458		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.327		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.624		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.182		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.814		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.065		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.308		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	24.583		25-125		61	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS677	SDG No.:	BP121824
Lab Sample ID:	PB165677BS	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
BP023521.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.483		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	29.046		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	28.551		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.852		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231074	7.528				
1146-65-2	Naphthalene-d8	957520	10.263				
15067-26-2	Acenaphthene-d10	693199	14.134				
1517-22-2	Phenanthrene-d10	1465229	16.939				
1719-03-5	Chrysene-d12	1556254	21.374				
1520-96-3	Perylene-d12	1639969	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS639	SDG No.:	BP121824
Lab Sample ID:	PB165639BS	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
BP023522.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	150	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	1000		33	170	330	ug/Kg
108-95-2	Phenol	1200		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		60	82.5	330	ug/Kg
98-86-2	Acetophenone	880		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		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	860		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	960		31	42.5	170	ug/Kg
78-59-1	Isophorone	1000		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	990		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	970		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	930		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	610		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	760		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS639	SDG No.:	BP121824
Lab Sample ID:	PB165639BS	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
BP023522.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	910		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	900		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	950		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	940		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	920		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	930		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	900		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	910		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	940		30	42.5	170	ug/Kg
86-73-7	Fluorene	890		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	830		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980		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	840		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	790		32	42.5	170	ug/Kg
1912-24-9	Atrazine	960		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	890		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	850		52	42.5	170	ug/Kg
120-12-7	Anthracene	960		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	930		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS639	SDG No.:	BP121824
Lab Sample ID:	PB165639BS	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
BP023522.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	940		27	42.5	170	ug/Kg
218-01-9	Chrysene	910		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	960		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	930		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.875		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	29.759		20-120		74	SPK: -40
4165-62-2	Phenol-d5	33.468		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.161		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.752		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.38		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	29.529		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.157		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.153		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.893		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.556		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.687		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.382		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	25.997		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS639	SDG No.:	BP121824
Lab Sample ID:	PB165639BS	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
BP023522.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.283		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	27.771		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.4		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.56		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245197	7.522				
1146-65-2	Naphthalene-d8	892635	10.263				
15067-26-2	Acenaphthene-d10	664789	14.134				
1517-22-2	Phenanthrene-d10	1523347	16.94				
1719-03-5	Chrysene-d12	1555687	21.363				
1520-96-3	Perylene-d12	1665161	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS652	SDG No.:	BP121824
Lab Sample ID:	PB165652BS	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
BP023523.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	5	J	1.1	5	10	ug/L
110-86-1	Pyridine	32		1.7	10	10	ug/L
108-95-2	Phenol	37		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.9	5	10	ug/L
98-86-2	Acetophenone	29		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	31		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		1.1	2.5	5	ug/L
91-20-3	Naphthalene	28		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	19		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	23		1.5	2.5	5	ug/L
105-60-2	Caprolactam	35		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	18		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS652	SDG No.:	BP121824
Lab Sample ID:	PB165652BS	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
BP023523.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	30		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	27		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	24		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	24		1.2	2.5	5	ug/L
1912-24-9	Atrazine	30		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.9	5	10	ug/L
85-01-8	Phenanthrene	30		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	24		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS652	SDG No.:	BP121824
Lab Sample ID:	PB165652BS	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
BP023523.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		1.1	2.5	5	ug/L
218-01-9	Chrysene	27		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.048		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	32.21		20-120		81	SPK: -40
4165-62-2	Phenol-d5	36.473		10-130		91	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.325		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.603		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.139		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	29.973		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.262		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.496		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.97		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.875		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.162		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.522		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	27.332		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS652	SDG No.:	BP121824
Lab Sample ID:	PB165652BS	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
BP023523.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.227		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	29.593		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	28.424		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.6		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184395	7.528				
1146-65-2	Naphthalene-d8	704575	10.263				
15067-26-2	Acenaphthene-d10	549519	14.139				
1517-22-2	Phenanthrene-d10	1314361	16.939				
1719-03-5	Chrysene-d12	1571737	21.374				
1520-96-3	Perylene-d12	1714784	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SBLK701	SDG No.:	BP121824
Lab Sample ID:	PB165701BL	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
BP023524.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SBLK701	SDG No.:	BP121824
Lab Sample ID:	PB165701BL	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
BP023524.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

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:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SBLK701	SDG No.:	BP121824
Lab Sample ID:	PB165701BL	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
BP023524.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.817		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	33.366		20-120		83	SPK: -40
4165-62-2	Phenol-d5	35.731		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.078		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.293		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	33.52		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	34.543		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.921		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.179		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.063		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.228		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.624		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.84		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	31.391		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SBLK701	SDG No.:	BP121824
Lab Sample ID:	PB165701BL	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
BP023524.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165701

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.055		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	34.13		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	33.226		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.366		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215207	7.522				
1146-65-2	Naphthalene-d8	725691	10.269				
15067-26-2	Acenaphthene-d10	525799	14.145				
1517-22-2	Phenanthrene-d10	1207180	16.945				
1719-03-5	Chrysene-d12	1365120	21.374				
1520-96-3	Perylene-d12	1421396	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK639	SDG No.:	BP121824
Lab Sample ID:	PB165639BL	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
BP023525.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK639	SDG No.:	BP121824
Lab Sample ID:	PB165639BL	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
BP023525.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

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:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK639	SDG No.:	BP121824
Lab Sample ID:	PB165639BL	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
BP023525.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.391		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	31.08		20-120		78	SPK: -40
4165-62-2	Phenol-d5	33.02		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.253		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.358		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.669		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	27.285		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.791		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.002		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.034		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.561		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.351		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.719		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	26.343		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK639	SDG No.:	BP121824
Lab Sample ID:	PB165639BL	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
BP023525.D	1	12/13/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.411		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.395		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.386		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.477		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179389	7.522				
1146-65-2	Naphthalene-d8	681884	10.269				
15067-26-2	Acenaphthene-d10	506471	14.14				
1517-22-2	Phenanthrene-d10	1242230	16.945				
1719-03-5	Chrysene-d12	1572184	21.369				
1520-96-3	Perylene-d12	1690193	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023527.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023527.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023527.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.878		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	28.537		20-120		71	SPK: -40
4165-62-2	Phenol-d5	31.836		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.461		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.13		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.65		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.414		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.654		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.646		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.712		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.477		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.282		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.683		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	29.884		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023527.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.041		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	33.64		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	34.216		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.99		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218502	7.458				
1146-65-2	Naphthalene-d8	782036	10.216				
15067-26-2	Acenaphthene-d10	575767	14.122				
1517-22-2	Phenanthrene-d10	1338694	16.945				
1719-03-5	Chrysene-d12	1396940	21.386				
1520-96-3	Perylene-d12	1436718	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BP121824
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023528.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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	98	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.5	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	98	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.5	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.5	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.5	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.5	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.5	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BP121824
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP023528.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.5	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.5	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.5	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.5	200	ug/Kg
1912-24-9	Atrazine	84	U	84	98	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.5	200	ug/Kg
86-74-8	Carbazole	33	U	33	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.5	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	98	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BP121824
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023528.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.5	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.841		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	13.319		20-120		33	SPK: -40
4165-62-2	Phenol-d5	15.548		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.834		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.192		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.349		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	14.366		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.664		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.934		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.689		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.431		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	13.972		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.902		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.598		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BP121824
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP023528.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.351		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	15.13		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	13.361		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.651		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207212	7.522				
1146-65-2	Naphthalene-d8	758404	10.263				
15067-26-2	Acenaphthene-d10	586741	14.134				
1517-22-2	Phenanthrene-d10	1288394	16.939				
1719-03-5	Chrysene-d12	1419775	21.369				
1520-96-3	Perylene-d12	1493277	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.528	
000057-10-3	n-Hexadecanoic acid	150	J			17.881	
1000309-27-0	Oxalic acid, octadecyl propyl este	140	J			21.045	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BP121824
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP023529.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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	110	J	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	190	J	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.3	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.3	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.3	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BP121824
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP023529.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.3	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.3	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	45	J	36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.3	210	ug/Kg
206-44-0	Fluoranthene	68	J	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BP121824
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP023529.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.3	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.45		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	2.907	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	17.727		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.957		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.316		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.791		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.193		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.546		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.766		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.658		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.339		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.275		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.743		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	15.899		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BP121824
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP023529.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.857		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	16.823		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	13.572		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.203		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187384	7.522				
1146-65-2	Naphthalene-d8	749060	10.269				
15067-26-2	Acenaphthene-d10	555267	14.134				
1517-22-2	Phenanthrene-d10	1274186	16.94				
1719-03-5	Chrysene-d12	1477559	21.363				
1520-96-3	Perylene-d12	1507424	24.522				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.528	
000057-10-3	n-Hexadecanoic acid	430	J			17.869	
000057-11-4	Octadecanoic acid	87	J			19.222	
1000292-44-1	2- Chloropropionic acid, pentadecy	170	J			21.045	
	(DEL) Alkane: Straight-Chain22.175	96	J			22.175	
	(DEL) Alkane: Straight-Chain23.645	880	J			23.645	
	(DEL) Alkane: Straight-Chain25.674	500	J			25.674	
E966796	Total Alkanes	1500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BP121824
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023530.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.1	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.1	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.1	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54.1	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.1	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.1	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BP121824
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
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
BP023530.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.1	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.1	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.1	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54.1	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.1	220	ug/Kg
1912-24-9	Atrazine	90	U	90	110	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	110	420	ug/Kg
85-01-8	Phenanthrene	210	J	37	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.1	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.1	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.1	220	ug/Kg
206-44-0	Fluoranthene	210	J	69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BP121824
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023530.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	62	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	43	J	34	54.1	220	ug/Kg
218-01-9	Chrysene	55	J	39	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	71	J	42	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	48	J	41	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	J	33	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.293		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	9.733		20-120		24	SPK: -40
4165-62-2	Phenol-d5	14.164		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.195		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.228		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.065		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	12.435		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.376		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.319		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.335		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.869		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	11.874		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.199		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	10.381		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BP121824
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
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
BP023530.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.895		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.55		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	10.648		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.74		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230354	7.522				
1146-65-2	Naphthalene-d8	990068	10.269				
15067-26-2	Acenaphthene-d10	745938	14.134				
1517-22-2	Phenanthrene-d10	1527439	16.945				
1719-03-5	Chrysene-d12	1527829	21.369				
1520-96-3	Perylene-d12	1631741	24.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.528	
000057-10-3	n-Hexadecanoic acid	320	J			17.875	
	(DEL) Alkane: Straight-Chain	21.045	J			21.045	
	(DEL) Alkane: Straight-Chain	23.657	J			23.657	
E966796	Total Alkanes	250				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BP121824
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP023531.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	86	J	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	53.3	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	53.3	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.3	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.3	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.3	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BP121824
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP023531.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.3	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.3	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	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.3	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.3	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	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.3	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.3	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BP121824
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP023531.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.3	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	53.3	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.3	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	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.456		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	18.496		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.989		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.049		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.349		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	23.824		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	21.115		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.378		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.624		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.126		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.034		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	19.924		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.11		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	17.221		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BP121824
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP023531.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.861		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	18.684		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	15.215		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.803		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209923	7.522				
1146-65-2	Naphthalene-d8	877142	10.269				
15067-26-2	Acenaphthene-d10	620856	14.139				
1517-22-2	Phenanthrene-d10	1430623	16.945				
1719-03-5	Chrysene-d12	1517317	21.368				
1520-96-3	Perylene-d12	1589307	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.533	
073033-09-7	cis-10-Nonadecenoic acid	110	J			17.815	
000057-10-3	n-Hexadecanoic acid	760	J			17.88	
000057-11-4	Octadecanoic acid	150	J			19.215	
	(DEL) Alkane: Cyclic21.051	270	J			21.051	
	(DEL) Alkane: Straight-Chain23.650	100	J			23.65	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BP121824
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.03	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
BP023532.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	84	J	56	100	410	ug/Kg
110-86-1	Pyridine	650		41	210	410	ug/Kg
108-95-2	Phenol	910		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	870		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	800		29	53.2	210	ug/Kg
95-48-7	2-Methylphenol	940		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		75	100	410	ug/Kg
98-86-2	Acetophenone	860		50	100	410	ug/Kg
106-44-5	4-Methylphenol	930		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870		64	53.2	210	ug/Kg
67-72-1	Hexachloroethane	670		23	53.2	210	ug/Kg
98-95-3	Nitrobenzene	910		39	53.2	210	ug/Kg
78-59-1	Isophorone	940		60	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	920		39	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	840		31	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		54	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	860		20	53.2	210	ug/Kg
91-20-3	Naphthalene	800		31	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	530		30	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	560		55	53.2	210	ug/Kg
105-60-2	Caprolactam	770		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	890		61	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	750		41	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	760		29	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	880		61	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	860		49	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BP121824
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023532.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	770		30	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	760		33	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	940		51	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	840		36	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		55	53.2	210	ug/Kg
208-96-8	Acenaphthylene	800		40	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	910		55	100	410	ug/Kg
83-32-9	Acenaphthene	770		36	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	85	J	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	660		55	100	410	ug/Kg
132-64-9	Dibenzofuran	740		40	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		54	53.2	210	ug/Kg
84-66-2	Diethylphthalate	800		38	53.2	210	ug/Kg
86-73-7	Fluorene	730		31	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	650		25	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1000		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	900		41	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	690		30	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	690		36	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	640		40	53.2	210	ug/Kg
1912-24-9	Atrazine	900		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	550		93	100	410	ug/Kg
85-01-8	Phenanthrene	830		36	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	700		65	53.2	210	ug/Kg
120-12-7	Anthracene	790		31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	800		63	53.2	210	ug/Kg
86-74-8	Carbazole	970		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	830		76	53.2	210	ug/Kg
206-44-0	Fluoranthene	890		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BP121824
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023532.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		61	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	890		110	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	490		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	750		34	53.2	210	ug/Kg
218-01-9	Chrysene	730		39	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	870		120	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	920		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		41	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	710		48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	720		40	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	680		39	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670		35	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		33	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	730		41	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.104		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	16.294		20-120		41	SPK: -40
4165-62-2	Phenol-d5	21.997		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.003		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.01		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.982		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.983		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.758		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.785		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.104		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.366		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	19.753		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.84		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	17.332		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BP121824
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023532.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.323		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	18.476		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	18.029		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.08		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262406	7.522				
1146-65-2	Naphthalene-d8	953500	10.263				
15067-26-2	Acenaphthene-d10	702420	14.134				
1517-22-2	Phenanthrene-d10	1551158	16.939				
1719-03-5	Chrysene-d12	1577160	21.363				
1520-96-3	Perylene-d12	1643795	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BP121824
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05	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
BP023533.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	100	J	56	100	410	ug/Kg
110-86-1	Pyridine	650		41	210	410	ug/Kg
108-95-2	Phenol	950		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	880		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	840		29	53.2	210	ug/Kg
95-48-7	2-Methylphenol	880		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		75	100	410	ug/Kg
98-86-2	Acetophenone	830		50	100	410	ug/Kg
106-44-5	4-Methylphenol	890		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	840		64	53.2	210	ug/Kg
67-72-1	Hexachloroethane	620		23	53.2	210	ug/Kg
98-95-3	Nitrobenzene	780		39	53.2	210	ug/Kg
78-59-1	Isophorone	870		60	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	830		39	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	770		31	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890		54	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	800		20	53.2	210	ug/Kg
91-20-3	Naphthalene	740		31	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	510		30	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	490		55	53.2	210	ug/Kg
105-60-2	Caprolactam	770		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		61	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	710		41	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	710		29	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	870		61	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830		49	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BP121824
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023533.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	730		30	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	740		33	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	890		51	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	800		36	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		55	53.2	210	ug/Kg
208-96-8	Acenaphthylene	750		40	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	870		55	100	410	ug/Kg
83-32-9	Acenaphthene	720		36	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	81	J	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	630		55	100	410	ug/Kg
132-64-9	Dibenzofuran	700		40	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	760		54	53.2	210	ug/Kg
84-66-2	Diethylphthalate	750		38	53.2	210	ug/Kg
86-73-7	Fluorene	680		31	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600		25	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1000		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	590		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	830		41	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630		30	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	650		36	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	600		40	53.2	210	ug/Kg
1912-24-9	Atrazine	860		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	530		93	100	410	ug/Kg
85-01-8	Phenanthrene	790		36	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	650		65	53.2	210	ug/Kg
120-12-7	Anthracene	750		31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	740		63	53.2	210	ug/Kg
86-74-8	Carbazole	920		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	770		76	53.2	210	ug/Kg
206-44-0	Fluoranthene	840		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BP121824
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023533.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		61	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	830		110	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	470		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	700		34	53.2	210	ug/Kg
218-01-9	Chrysene	680		39	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820		120	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	840		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	680		41	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	650		48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	670		40	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630		39	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620		35	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		33	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	690		41	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.26		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.262		20-120		41	SPK: -40
4165-62-2	Phenol-d5	22.536		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.674		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.099		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.067		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	20.576		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.134		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.158		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.502		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.154		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.284		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.405		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	16.482		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BP121824
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023533.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.458		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	17.944		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	16.586		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.895		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220865	7.522				
1146-65-2	Naphthalene-d8	894858	10.263				
15067-26-2	Acenaphthene-d10	687477	14.134				
1517-22-2	Phenanthrene-d10	1547481	16.939				
1719-03-5	Chrysene-d12	1594471	21.363				
1520-96-3	Perylene-d12	1691892	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BP121824
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023534.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	88	J	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.8	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	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.8	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.8	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.8	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.8	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.8	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BP121824
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BP023534.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.8	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.8	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.8	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.8	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.8	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.8	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.8	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	76	J	36	52.8	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.8	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.8	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.8	210	ug/Kg
206-44-0	Fluoranthene	150	J	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BP121824
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BP023534.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	61	52.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	34	52.8	210	ug/Kg
218-01-9	Chrysene	69	J	38	52.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	90	J	41	52.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	60	J	40	52.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	J	38	52.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	J	32	52.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.348		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	7.262	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	26.483		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.052		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.566		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.336		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.429		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.135		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.289		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.647		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.055		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.98		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.302		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	23.544		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BP121824
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BP023534.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.434		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	25.958		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	23.258		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.236		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	246415	7.522				
1146-65-2	Naphthalene-d8	910426	10.263				
15067-26-2	Acenaphthene-d10	654802	14.128				
1517-22-2	Phenanthrene-d10	1430806	16.94				
1719-03-5	Chrysene-d12	1491433	21.375				
1520-96-3	Perylene-d12	1541590	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.522	
000057-10-3	n-Hexadecanoic acid	530	J			17.881	
000057-11-4	Octadecanoic acid	100	J			19.216	
	(DEL) Alkane: Straight-Chain	21.051	J			21.051	
E966796	Total Alkanes	300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BP121824
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP023535.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BP121824
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP023535.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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	97	J	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BP121824
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP023535.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	79	J	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	41	J	33	52.2	210	ug/Kg
218-01-9	Chrysene	44	J	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	59	J	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	42	J	39	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.016		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	6.307	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	18.058		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.885		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.597		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	16.622		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.701		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.587		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.098		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.893		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.702		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	14.94		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.751		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.7		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BP121824
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP023535.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.852		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	14.601		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	12.485		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.717		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215689	7.516				
1146-65-2	Naphthalene-d8	839509	10.263				
15067-26-2	Acenaphthene-d10	641674	14.134				
1517-22-2	Phenanthrene-d10	1499865	16.939				
1719-03-5	Chrysene-d12	1600374	21.369				
1520-96-3	Perylene-d12	1667518	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.528	
000057-10-3	n-Hexadecanoic acid	360	J			17.875	
002490-48-4	1-Hexadecanol, 2-methyl-	180	J			21.045	
000111-02-4	Squalene	140	J			23.045	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BP121824
Lab Sample ID:	PB165707BS	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
BP023536.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	830		45	82.5	330	ug/Kg
110-86-1	Pyridine	940		33	170	330	ug/Kg
108-95-2	Phenol	1100		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	970		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		31	42.5	170	ug/Kg
78-59-1	Isophorone	1100		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	810		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	980		16	42.5	170	ug/Kg
91-20-3	Naphthalene	980		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	830		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	790		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	870		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BP121824
Lab Sample ID:	PB165707BS	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
BP023536.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	980		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	970		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	900		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	940		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	950		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	990		30	42.5	170	ug/Kg
86-73-7	Fluorene	960		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	870		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	1000		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	880		32	42.5	170	ug/Kg
1912-24-9	Atrazine	410		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	930		52	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		50	42.5	170	ug/Kg
86-74-8	Carbazole	1200		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BP121824
Lab Sample ID:	PB165707BS	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
BP023536.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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	960		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		27	42.5	170	ug/Kg
218-01-9	Chrysene	990		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.229		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	29.348		20-120		73	SPK: -40
4165-62-2	Phenol-d5	34.569		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.427		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.624		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.692		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.556		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.542		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.088		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.557		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.053		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.693		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.253		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	29.295		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BP121824
Lab Sample ID:	PB165707BS	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
BP023536.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.327		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	31.794		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	33.373		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.745		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267365	7.522				
1146-65-2	Naphthalene-d8	1038598	10.263				
15067-26-2	Acenaphthene-d10	713302	14.128				
1517-22-2	Phenanthrene-d10	1543463	16.939				
1719-03-5	Chrysene-d12	1600931	21.369				
1520-96-3	Perylene-d12	1693098	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023538.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023538.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

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:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023538.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.986		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	31.042		20-120		78	SPK: -40
4165-62-2	Phenol-d5	32.515		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.406		10-150		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.819		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.69		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.182		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.619		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.943		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.298		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.047		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.52		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.601		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	29.572		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BP121824
Lab Sample ID:	PB165707BL	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
BP023538.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.231		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	33.662		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	31.769		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177539	7.522				
1146-65-2	Naphthalene-d8	674506	10.269				
15067-26-2	Acenaphthene-d10	503006	14.128				
1517-22-2	Phenanthrene-d10	1271672	16.945				
1719-03-5	Chrysene-d12	1439828	21.374				
1520-96-3	Perylene-d12	1530618	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BP121824
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023539.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.9	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	J	49	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.9	380	ug/Kg
98-86-2	Acetophenone	46	U	46	93.9	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.4	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48.4	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.4	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.4	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.4	190	ug/Kg
105-60-2	Caprolactam	82	U	82	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BP121824
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023539.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.4	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.9	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.9	380	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.4	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.4	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.4	190	ug/Kg
1912-24-9	Atrazine	81	U	81	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.9	380	ug/Kg
85-01-8	Phenanthrene	92	J	33	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.4	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.4	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BP121824
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023539.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.4	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.907		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.431		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.155		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.379		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.29		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.496		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	16.689		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.458		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.449		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.779		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.665		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.001		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.158		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	14.745		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BP121824
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BP023539.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.961	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	16.875		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	16.381		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.505		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275402	7.522				
1146-65-2	Naphthalene-d8	1038655	10.269				
15067-26-2	Acenaphthene-d10	712099	14.145				
1517-22-2	Phenanthrene-d10	1587768	16.951				
1719-03-5	Chrysene-d12	1691972	21.386				
1520-96-3	Perylene-d12	1878248	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain11.681	330	J			11.681	
	(DEL) Alkane: Straight-Chain12.651	250	J			12.651	
	(DEL) Alkane: Straight-Chain12.940	490	J			12.94	
	(DEL) Alkane: Straight-Chain13.651	170	J			13.651	
	(DEL) Alkane: Straight-Chain13.740	100	J			13.74	
	(DEL) Alkane: Straight-Chain14.045	1100	J			14.045	
	(DEL) Alkane: Straight-Chain15.004	1700	J			15.004	
	(DEL) Alkane: Straight-Chain15.428	1900	J			15.428	
1000309-12-3	Sulfurous acid, dodecyl 2-propyl e	400	J			15.575	
	(DEL) Alkane: Straight-Chain15.898	3100	J			15.898	
000544-77-4	Hexadecane, 1-iodo-	180	J			16.41	
	(DEL) Alkane: Straight-Chain16.704	1300	J			16.704	
	(DEL) Alkane: Straight-Chain16.757	2300	J			16.757	
	(DEL) Alkane: Straight-Chain17.381	510	J			17.381	
002050-77-3	Decane, 1-iodo-	1400	J			17.469	
	(DEL) Alkane: Straight-Chain18.186	1000	J			18.186	
019218-94-1	Tetradecane, 1-iodo-	790	J			18.851	

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BP121824
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023539.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000370-41-4	1-Methyl-4-(1-methylethyl)-3-[1-me	250	J			27.898	
	(DEL) Alkane: Straight-Chain28.074	270	J			28.074	
1000406-17-0	Undec-10-ynoic acid, heptadecyl es	98	J			31.197	
E966796	Total Alkanes	15000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2903	SDG No.:	BP121824
Lab Sample ID:	P5265-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023540.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.6	97	ug/Kg
100-52-7	Benzaldehyde	65	U	65	120	480	ug/Kg
110-86-1	Pyridine	48	U	48	240	480	ug/Kg
108-95-2	Phenol	62	U	62	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	120	480	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	61.7	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	120	480	ug/Kg
98-86-2	Acetophenone	1400		58	120	480	ug/Kg
106-44-5	4-Methylphenol	340	J	54	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	74	U	74	61.7	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	61.7	250	ug/Kg
98-95-3	Nitrobenzene	45	U	45	61.7	250	ug/Kg
78-59-1	Isophorone	70	U	70	61.7	250	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	61.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	230	J	36	61.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	61.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	61.7	250	ug/Kg
91-20-3	Naphthalene	14000	E	36	61.7	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	61.7	480	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	61.7	250	ug/Kg
105-60-2	Caprolactam	100	U	100	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	61.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	6400	E	48	61.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	9300	E	33	61.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	61.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	61.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2903	SDG No.:	BP121824
Lab Sample ID:	P5265-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023540.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3600		35	61.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	61.7	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	61.7	250	ug/Kg
131-11-3	Dimethylphthalate	650		42	61.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	61.7	250	ug/Kg
208-96-8	Acenaphthylene	870		46	61.7	250	ug/Kg
99-09-2	3-Nitroaniline	64	U	64	120	480	ug/Kg
83-32-9	Acenaphthene	15000	E	42	61.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	70	U	70	120	480	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	120	480	ug/Kg
132-64-9	Dibenzofuran	14000	E	46	61.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	61.7	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	61.7	250	ug/Kg
86-73-7	Fluorene	13000	E	36	61.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	61.7	250	ug/Kg
100-01-6	4-Nitroaniline	2100		45	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	61.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	61.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	61.7	250	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	61.7	250	ug/Kg
1912-24-9	Atrazine	100	U	100	120	480	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	480	ug/Kg
85-01-8	Phenanthrene	64000	E	42	61.7	250	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	61.7	250	ug/Kg
120-12-7	Anthracene	9900	E	36	61.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	73	U	73	61.7	250	ug/Kg
86-74-8	Carbazole	23000	E	41	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	61.7	250	ug/Kg
206-44-0	Fluoranthene	61000	E	78	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2903	SDG No.:	BP121824
Lab Sample ID:	P5265-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023540.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	45000	E	71	61.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	61.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	38000	E	39	61.7	250	ug/Kg
218-01-9	Chrysene	30000	E	45	61.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		140	61.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	27000	E	48	61.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	18000	E	55	61.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	26000	E	46	61.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24000	E	45	61.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8900	E	41	61.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400	E	38	61.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	61.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.205		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	5.224	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	15.614		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.09		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.184		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.93		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.826		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.049		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.821		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.309		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.339		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.401		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.348		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	15.345		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2903	SDG No.:	BP121824
Lab Sample ID:	P5265-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023540.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.673		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	16.659		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	15.517		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.474		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235437	7.528				
1146-65-2	Naphthalene-d8	977536	10.263				
15067-26-2	Acenaphthene-d10	814584	14.145				
1517-22-2	Phenanthrene-d10	1032253	16.998				
1719-03-5	Chrysene-d12	934420	21.468				
1520-96-3	Perylene-d12	1707911	24.656				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	2000	J			5.575	
000541-85-5	3-Heptanone, 5-methyl-	7500	J			6.251	
000103-65-1	Benzene, propyl-	2800	J			6.528	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2600	J			6.693	
000135-01-3	Benzene, 1,2-diethyl-	2000	J			7.998	
001074-55-1	Benzene, 1-methyl-4-propyl-	1300	J			8.051	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)	3500	J			8.145	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1400	J			8.451	
000527-84-4	o-Cymene	1100	J			8.504	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2700	J			8.598	
000939-27-5	Naphthalene, 2-ethyl-	650	J			13.151	
000581-40-8	Naphthalene, 2,3-dimethyl-	1200	J			13.457	
000573-98-8	Naphthalene, 1,2-dimethyl-	570	J			13.686	
000613-46-7	2-Naphthalenecarbonitrile	650	J			14.292	
000643-58-3	1,1-Biphenyl, 2-methyl-	620	J			15.457	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	2200	J			15.516	
000486-25-9	9H-Fluoren-9-one	490	J			16.674	

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2903	SDG No.:	BP121824
Lab Sample ID:	P5265-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023540.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-69-9	Phenanthrene, 1-methyl-	360	J			17.927	
000084-65-1	9,10-Anthracenedione	700	J			18.51	
002381-21-7	Pyrene, 1-methyl-	430	J			19.851	
003442-78-2	Pyrene, 2-methyl-	410	J			20.186	
000479-79-8	11H-Benzo[a]fluoren-11-one	560	J			20.833	
000082-05-3	7H-Benz[de]anthracen-7-one	390	J			21.198	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	440	J			23.827	
000205-82-3	Benzo[j]fluoranthene	860	J			23.915	
000192-97-2	Benzo[e]pyrene	1100	J			24.356	
000198-55-0	Perylene	970	J			24.733	
000193-43-1	Indeno[1,2,3-cd]fluoranthene	900	J			28.309	
000222-93-5	Pentaphene	350	J			28.544	
000213-46-7	Picene	1100	J			28.944	
E966796	Total Alkanes	35	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BP121824
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023541.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
108-95-2	Phenol	61	J	55	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.8	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.8	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.8	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.8	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.8	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BP121824
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023541.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.8	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.8	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.8	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.8	220	ug/Kg
1912-24-9	Atrazine	92	U	92	110	430	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	430	ug/Kg
85-01-8	Phenanthrene	37	U	37	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	54.8	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	54.8	220	ug/Kg
206-44-0	Fluoranthene	70	U	70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BP121824
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023541.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	U	63	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	54.8	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.589		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	14.594		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.249		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.241		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.65		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.069		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.156		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.656		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.399		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.306		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.333		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	15.688		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.547		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	12.929		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BP121824
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023541.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.731	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	14.134		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	10.875		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.186		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290125	7.522				
1146-65-2	Naphthalene-d8	1132483	10.263				
15067-26-2	Acenaphthene-d10	841661	14.145				
1517-22-2	Phenanthrene-d10	1860142	16.945				
1719-03-5	Chrysene-d12	1826912	21.369				
1520-96-3	Perylene-d12	2013257	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.534	
000057-10-3	n-Hexadecanoic acid	520	J			17.881	
000112-80-1	Oleic Acid	320	J			19.092	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	380	J			19.498	
1010326-54-4	N-(4-Methyl-1-piperazinyl)-2-(2-py	350	J			20.322	
000189-55-9	Dibenzo(a,i)pyrene	120	J			20.422	
000191-30-0	1,2,9,10-Dibenzopyrene	90	J			20.563	
118625-56-2	1-Hexadecene, 16-bromo-	180	J			21.039	
005385-75-1	Dibenz(a,e)aceanthrylene	370	J			21.51	
000192-65-4	1,2:4,5-Dibenzopyrene	160	J			21.527	
000203-11-2	Indeno[1,2,3-fg]naphthacene	650	J			21.663	
000189-64-0	3,4:8,9-Dibenzopyrene	1200	J			21.763	
1000110-40-2	1-(2-Aminobenzylidene)-1,2,3,4-tet	660	J			22.369	
000641-13-4	Dibenzo[def,mno]chrysene-6,12-dion	87	J			23.022	
120362-53-0	1,3-Dipropyl-8-cyclopentylxanthine	580	J			23.639	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BP121824
Lab Sample ID:	P5265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023542.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	94	J	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	59	U	59	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	51.8	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BP121824
Lab Sample ID:	P5265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023542.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.8	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	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	380		35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	770		66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BP121824
Lab Sample ID:	P5265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023542.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660		60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	33	51.8	210	ug/Kg
218-01-9	Chrysene	260		38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	240		39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.618		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	19.607		20-120		49	SPK: -40
4165-62-2	Phenol-d5	25.738		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.246		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.432		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	25.318		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	23.74		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.351		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.853		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.507		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.547		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	21.696		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.893		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	18.954		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BP121824
Lab Sample ID:	P5265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023542.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.637		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	20.158		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	17.266		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.989		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279742	7.516				
1146-65-2	Naphthalene-d8	1108396	10.263				
15067-26-2	Acenaphthene-d10	824057	14.134				
1517-22-2	Phenanthrene-d10	1910026	16.939				
1719-03-5	Chrysene-d12	1956747	21.375				
1520-96-3	Perylene-d12	2088452	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.522	
000373-49-9	Palmitoleic acid	320	J			17.822	
000057-10-3	n-Hexadecanoic acid	1000	J			17.887	
000084-65-1	9,10-Anthracenedione	97	J			18.422	
000057-11-4	Octadecanoic acid	200	J			19.222	
	(DEL) Alkane: Straight-Chain21.039	320	J			21.039	
000197-61-5	Rubicene-	120	J			21.192	
000193-21-5	Acenaphtho[1,2-i]fluoranthene	910	J			22.028	
000192-97-2	Benzo[e]pyrene	130	J			24.233	
000239-98-5	Benzo[a]pentacene	200	J			25.021	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BP121824
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023543.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.4	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	94	J	52	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.2	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.4	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.4	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51.2	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.2	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.2	200	ug/Kg
78-59-1	Isophorone	58	U	58	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.2	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.2	200	ug/Kg
105-60-2	Caprolactam	87	U	87	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BP121824
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023543.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	46	J	35	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.2	200	ug/Kg
208-96-8	Acenaphthylene	140	J	39	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.4	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.4	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.2	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.2	200	ug/Kg
86-73-7	Fluorene	30	U	30	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.2	200	ug/Kg
1912-24-9	Atrazine	86	U	86	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.4	400	ug/Kg
85-01-8	Phenanthrene	130	J	35	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.2	200	ug/Kg
120-12-7	Anthracene	79	J	30	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.2	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.2	200	ug/Kg
206-44-0	Fluoranthene	640		65	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BP121824
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023543.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560		59	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	320		33	51.2	200	ug/Kg
218-01-9	Chrysene	310		37	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		40	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	46	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	300		39	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	37	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	J	34	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	31	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.431		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	21.78		20-120		54	SPK: -40
4165-62-2	Phenol-d5	27.261		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.344		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.893		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	26.017		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	26.215		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.295		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.469		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.892		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.266		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.093		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.367		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	23.038		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BP121824
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023543.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.085		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	25.475		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	22.943		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.248		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	315243	7.522				
1146-65-2	Naphthalene-d8	1239718	10.258				
15067-26-2	Acenaphthene-d10	890962	14.134				
1517-22-2	Phenanthrene-d10	1951088	16.945				
1719-03-5	Chrysene-d12	1879819	21.375				
1520-96-3	Perylene-d12	2019364	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.528	
000057-10-3	n-Hexadecanoic acid	830	J			17.887	
000781-92-0	Anthracene, 1,4-dimethyl-	99	J			18.804	
000057-11-4	Octadecanoic acid	150	J			19.222	
	(DEL) Alkane: Cyclic	250	J			21.045	
E966796	Total Alkanes	250				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BP121824
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023544.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	56	J	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.8	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BP121824
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023544.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	75	J	35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	120	J	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BP121824
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023544.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	92	J	60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.8	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	J	40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.439		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.653		20-120		44	SPK: -40
4165-62-2	Phenol-d5	24.366		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.421		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.412		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	24.024		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	22.127		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.857		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.777		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.757		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.727		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.843		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.117		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	20.58		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BP121824
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023544.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.69		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	21.309		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.221		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.08		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236569	7.522				
1146-65-2	Naphthalene-d8	944631	10.263				
15067-26-2	Acenaphthene-d10	701227	14.134				
1517-22-2	Phenanthrene-d10	1675304	16.939				
1719-03-5	Chrysene-d12	1686234	21.38				
1520-96-3	Perylene-d12	1875772	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	520	J			15.522	
000057-10-3	n-Hexadecanoic acid	550	J			17.881	
005348-82-3	Acetic acid, chloro-, octadecyl es	83	J			18.792	
000057-11-4	Octadecanoic acid	170	J			19.222	
	(DEL) Alkane: Straight-Chain	110	J			19.998	
077899-03-7	1-Heneicosyl formate	290	J			21.045	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BP121824
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023545.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

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

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BP121824
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023545.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.7	400	ug/Kg
83-32-9	Acenaphthene	49	J	35	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.7	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.3	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.3	210	ug/Kg
86-73-7	Fluorene	49	J	30	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.3	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.7	400	ug/Kg
85-01-8	Phenanthrene	420		35	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.3	210	ug/Kg
120-12-7	Anthracene	120	J	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.3	210	ug/Kg
86-74-8	Carbazole	75	J	34	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.3	210	ug/Kg
206-44-0	Fluoranthene	420		65	99.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BP121824
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023545.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		59	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	33	51.3	210	ug/Kg
218-01-9	Chrysene	130	J	37	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	40	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	J	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	39	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	37	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	J	31	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.782		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.247		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.745		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.064		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.356		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.353		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.57		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.031		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.765		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.829		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.445		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.061		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.989		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	16.349		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BP121824
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023545.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.28		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.773		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.561		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.474		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316561	7.522				
1146-65-2	Naphthalene-d8	1234722	10.257				
15067-26-2	Acenaphthene-d10	888349	14.134				
1517-22-2	Phenanthrene-d10	1956935	16.939				
1719-03-5	Chrysene-d12	1982243	21.386				
1520-96-3	Perylene-d12	2111431	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.522	
010030-73-6	(E)-Hexadec-9-enoic acid	90	J			17.828	
000057-10-3	n-Hexadecanoic acid	480	J			17.887	
000057-11-4	Octadecanoic acid	110	J			19.222	
	(DEL) Alkane: Straight-Chain	160	J			21.057	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BP121824
Lab Sample ID:	P5265-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023546.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	68	J	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	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	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	53	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53	210	ug/Kg
78-59-1	Isophorone	60	U	60	53	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BP121824
Lab Sample ID:	P5265-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BP023546.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	53	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53	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	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	53	210	ug/Kg
86-73-7	Fluorene	31	U	31	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	73	J	36	53	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53	210	ug/Kg
120-12-7	Anthracene	31	U	31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	53	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53	210	ug/Kg
206-44-0	Fluoranthene	180	J	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BP121824
Lab Sample ID:	P5265-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BP023546.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	61	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	74	J	34	53	210	ug/Kg
218-01-9	Chrysene	72	J	39	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		120	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	J	41	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	J	40	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	J	32	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.958		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.779		20-120		34	SPK: -40
4165-62-2	Phenol-d5	20.014		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.354		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.318		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.418		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.091		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.639		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.448		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.617		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.9		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.843		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.082		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	15.278		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BP121824
Lab Sample ID:	P5265-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BP023546.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.435		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	15.928		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	15.176		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.015		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	273516	7.522				
1146-65-2	Naphthalene-d8	1075433	10.263				
15067-26-2	Acenaphthene-d10	806571	14.134				
1517-22-2	Phenanthrene-d10	1863676	16.939				
1719-03-5	Chrysene-d12	1793805	21.363				
1520-96-3	Perylene-d12	1954366	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.534	
010030-73-6	(E)-Hexadec-9-enoic acid	110	J			17.816	
000057-10-3	n-Hexadecanoic acid	560	J			17.881	
000057-11-4	Octadecanoic acid	200	J			19.216	
002420-38-4	Octadecanoic acid, 4-hydroxy-, met	96	J			20.198	
000301-02-0	9-Octadecenamide, (Z)-	110	J			20.41	
959085-66-6	Heptadecyl heptafluorobutyrate	190	J			21.045	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BP121824
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023547.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

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	130	J	54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.6	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	270	J	50	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	53.6	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.6	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.6	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.6	210	ug/Kg
91-20-3	Naphthalene	32	U	32	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.6	210	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BP121824
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023547.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.6	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	420	ug/Kg
83-32-9	Acenaphthene	140	J	37	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	50	J	40	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.6	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.6	210	ug/Kg
86-73-7	Fluorene	94	J	32	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	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	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.6	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	420	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	420	ug/Kg
85-01-8	Phenanthrene	1200		37	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.6	210	ug/Kg
120-12-7	Anthracene	300		32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.6	210	ug/Kg
86-74-8	Carbazole	150	J	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.6	210	ug/Kg
206-44-0	Fluoranthene	1800		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BP121824
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023547.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		62	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	720		34	53.6	210	ug/Kg
218-01-9	Chrysene	680		39	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		120	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		42	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	400		40	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		39	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	35	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	J	33	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.753		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	1.186	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	20.379		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.723		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.016		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.389		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.454		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.649		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.233		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.553		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.206		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	17.607		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.513		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	16.292		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BP121824
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023547.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.164		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	16.647		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	13.428		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.41		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	271458	7.522				
1146-65-2	Naphthalene-d8	1084369	10.263				
15067-26-2	Acenaphthene-d10	847931	14.139				
1517-22-2	Phenanthrene-d10	1965272	16.939				
1719-03-5	Chrysene-d12	1955740	21.374				
1520-96-3	Perylene-d12	2048303	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.528	
002531-84-2	Phenanthrene, 2-methyl-	140	J			17.845	
000057-10-3	n-Hexadecanoic acid	620	J			17.881	
000057-11-4	Octadecanoic acid	150	J			19.222	
033543-31-6	Fluoranthene, 2-methyl-	230	J			19.986	
000238-84-6	11H-Benzo[a]fluorene	120	J			20.092	
002381-21-7	Pyrene, 1-methyl-	100	J			20.157	
000638-58-4	Tetradecanamide	99	J			20.533	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	J			20.957	
000479-79-8	11H-Benzo[a]fluoren-11-one	90	J			21.122	
000111-03-5	9-Octadecenoic acid (Z)-, 2,3-dihy	120	J			21.745	
000192-97-2	Benzo[e]pyrene	150	J			24.251	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BP121824
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BP023548.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

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	52.1	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	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	63	U	63	52.1	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.1	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.1	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.1	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BP121824
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023548.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.1	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.1	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	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.1	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.1	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	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.1	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52.1	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.1	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BP121824
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023548.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.1	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	52.1	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.1	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	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.546		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.678		20-120		34	SPK: -40
4165-62-2	Phenol-d5	16.353		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.491		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.308		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.402		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	15.69		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.743		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.809		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.493		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.692		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.37		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.811		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	14.047		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BP121824
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023548.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.808		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	15.644		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	15.686		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.199		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284746	7.516				
1146-65-2	Naphthalene-d8	1105176	10.269				
15067-26-2	Acenaphthene-d10	800896	14.14				
1517-22-2	Phenanthrene-d10	1667426	16.951				
1719-03-5	Chrysene-d12	1694261	21.369				
1520-96-3	Perylene-d12	1847067	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	11.681	89	J		11.681	
019218-94-1	Tetradecane, 1-iodo-	350	J			14.034	
	(DEL) Alkane: Straight-Chain	15.004	590	J		15.004	
	(DEL) Alkane: Straight-Chain	15.416	380	J		15.416	
000119-61-9	Benzophenone	130	J			15.534	
	(DEL) Alkane: Straight-Chain	15.581	100	J		15.581	
	(DEL) Alkane: Straight-Chain	15.892	1300	J		15.892	
035599-77-0	Tridecane, 1-iodo-	660	J			16.704	
	(DEL) Alkane: Straight-Chain	16.751	710	J		16.751	
	(DEL) Alkane: Straight-Chain	17.381	160	J		17.381	
	(DEL) Alkane: Straight-Chain	17.457	630	J		17.457	
000057-10-3	n-Hexadecanoic acid	350	J			17.886	
	(DEL) Alkane: Straight-Chain	18.180	450	J		18.18	
	(DEL) Alkane: Straight-Chain	18.669	110	J		18.669	
000544-77-4	Hexadecane, 1-iodo-	330	J			18.845	
E966796	Total Alkanes	4500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BP121824
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023549.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	48	U	48	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BP121824
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023549.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	76	J	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BP121824
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP023549.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.41		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	13.653		20-120		34	SPK: -40
4165-62-2	Phenol-d5	16.399		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.566		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.687		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.704		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.129		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.567		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.713		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.852		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.727		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.087		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.795		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	13.175		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BP121824
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP023549.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.108	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	14.919		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	14.405		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.862		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	363163	7.522				
1146-65-2	Naphthalene-d8	1409184	10.269				
15067-26-2	Acenaphthene-d10	976971	14.146				
1517-22-2	Phenanthrene-d10	1910623	16.951				
1719-03-5	Chrysene-d12	1958380	21.38				
1520-96-3	Perylene-d12	2161647	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.140	220	J			7.14	
000105-05-5	Benzene, 1,4-diethyl-	130	J			8.146	
	(DEL) Alkane: Straight-Chain11.269	130	J			11.269	
	(DEL) Alkane: Straight-Chain11.681	460	J			11.681	
	(DEL) Alkane: Straight-Chain12.652	140	J			12.652	
000581-40-8	Naphthalene, 2,3-dimethyl-	91	J			13.457	
	(DEL) Alkane: Straight-Chain13.657	94	J			13.657	
	(DEL) Alkane: Straight-Chain14.040	1100	J			14.04	
	(DEL) Alkane: Straight-Chain14.740	84	J			14.74	
	(DEL) Alkane: Straight-Chain15.004	1700	J			15.004	
	(DEL) Alkane: Straight-Chain15.575	370	J			15.575	
	(DEL) Alkane: Cyclic15.628	390	J			15.628	
	(DEL) Alkane: Straight-Chain15.898	3900	J			15.898	
	(DEL) Alkane: Straight-Chain16.298	240	J			16.298	
035599-77-0	Tridecane, 1-iodo-	200	J			16.404	
019218-94-1	Tetradecane, 1-iodo-	110	J			16.487	
000629-93-6	Octadecane, 1-iodo-	2000	J			16.704	

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BP121824
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023549.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1010309-12-5 000057-10-3	(DEL) Alkane: Straight-Chain16.751	2100	J			16.751	
	(DEL) Alkane: Straight-Chain17.186	250	J			17.186	
	(DEL) Alkane: Straight-Chain17.375	530	J			17.375	
	Sulfurous acid, 2-propyl tetradecy	2000	J			17.463	
	n-Hexadecanoic acid	140	J			17.881	
	(DEL) Alkane: Straight-Chain18.181	1400	J			18.181	
	(DEL) Alkane: Straight-Chain18.845	1000	J			18.845	
	(DEL) Alkane: Straight-Chain19.633	380	J			19.633	
E966796	(DEL) Alkane: Straight-Chain20.016	230	J			20.016	
	Total Alkanes	15000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BP121824
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023550.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

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	53	U	53	96.8	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	59	J	50	96.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.8	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.9	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.8	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.8	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.9	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.9	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.9	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	49.9	200	ug/Kg
105-60-2	Caprolactam	85	U	85	96.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BP121824
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023550.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	49.9	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	96.8	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.8	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.8	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.9	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.9	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	49.9	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.8	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.8	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	49.9	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	49.9	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BP121824
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023550.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.9	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.904		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	16.159		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.908		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.345		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.697		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.927		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	18.598		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.308		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.779		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.725		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.606		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.705		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.487		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	16.34		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BP121824
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023550.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.154		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.675		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.296		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.17		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	274340	7.522				
1146-65-2	Naphthalene-d8	1078564	10.263				
15067-26-2	Acenaphthene-d10	813734	14.14				
1517-22-2	Phenanthrene-d10	1861301	16.945				
1719-03-5	Chrysene-d12	1818525	21.374				
1520-96-3	Perylene-d12	1988842	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.534	
000057-10-3	n-Hexadecanoic acid	500	J			17.886	
1010348-57-1	Fumaric acid, 2-chloropropyl tride	89	J			18.792	
000057-11-4	Octadecanoic acid	170	J			19.222	
	(DEL) Alkane: Cyclic21.051	210	J			21.051	
E966796	Total Alkanes	210				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28S0								
P5232-06	E28S0	Solid	(DEL) Alkane: Cyclic21.045	*	240.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain15.4	*	140.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain15.9	*	270.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain16.7	*	300.000	J		
P5232-06	E28S0	Solid	n-Hexadecanoic acid	*	190.000	J		
P5232-06	E28S0	Solid	Total Alkanes	*	950.000	41	290	ug/Kg
			Total Tics :		2,090.00			
P5232-06	E28S0	Solid	Acetophenone		440.000	J 69	570	ug/Kg
P5232-06	E28S0	Solid	Phenol		130.000	J 74	570	ug/Kg
			Total Svoc :		570.00			
			Total Concentration:		2,660.00			
Client ID : C0AS8								
P5235-01	C0AS8	water	Isopropyl butyrate	*	35.000	J		
P5235-01	C0AS8	water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		35.00			
			Total Concentration:		35.00			
Client ID : C0AT0								
P5235-02	C0AT0	water	Isopropyl butyrate	*	33.000	J		
P5235-02	C0AT0	water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		33.00			
			Total Concentration:		33.00			
Client ID : C0AT1								
P5235-03	C0AT1	water	2,3-2H-Benzofuran-2-one, 3,3,4,6	*	25.000	J		
P5235-03	C0AT1	water	Isopropyl butyrate	*	44.000	J		
P5235-03	C0AT1	water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		69.00			
			Total Concentration:		69.00			
Client ID : C0AT2								
P5235-04	C0AT2	water	Isopropyl butyrate	*	31.000	J		
P5235-04	C0AT2	water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		31.00			
			Total Concentration:		31.00			
Client ID : C0AT3								
P5235-05	C0AT3	water	n-Hexadecanoic acid	*	28.000	J		
P5235-05	C0AT3	water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		28.00			

Hit Summary Sheet
SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL		RDL	Units
Total Concentration:					28.00					
Client ID :	C0AT5									
P5235-06	C0AT5	water	Isopropyl butyrate	*	46.000	J				
P5235-06	C0AT5	water	p-Hydroxybiphenyl	*	26.000	J				
P5235-06	C0AT5	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					72.00					
Total Concentration:					72.00					
Client ID :	C0AT6									
P5235-07	C0AT6	water	2,3,3,4,7-Pentamethyl-2,3-dihydro	*	23.000	J				
P5235-07	C0AT6	water	Isopropyl butyrate	*	42.000	J				
P5235-07	C0AT6	water	n-Hexadecanoic acid	*	21.000	J				
P5235-07	C0AT6	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					86.00					
Total Concentration:					86.00					
Client ID :	C0AT7									
P5235-08	C0AT7	water	Isopropyl butyrate	*	29.000	J				
P5235-08	C0AT7	water	n-Hexadecanoic acid	*	21.000	J				
P5235-08	C0AT7	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					50.00					
Total Concentration:					50.00					
Client ID :	C0AT8									
P5235-09	C0AT8	water	Benzene, 1,4-dimethyl-2,5-bis(1-r	*	26.000	J				
P5235-09	C0AT8	water	Isopropyl butyrate	*	34.000	J				
P5235-09	C0AT8	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					60.00					
Total Concentration:					60.00					
Client ID :	C0AW0									
P5235-10	C0AW0	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	21.000	J				
P5235-10	C0AW0	water	Isopropyl butyrate	*	35.000	J				
P5235-10	C0AW0	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					56.00					
Total Concentration:					56.00					
Client ID :	C0AW1									
P5235-11	C0AW1	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	22.000	J				
P5235-11	C0AW1	water	Isopropyl butyrate	*	35.000	J				
P5235-11	C0AW1	water	Total Alkanes	*	0.000	D	11		50	ug/L
Total Tics :					57.00					

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				57.00				
Client ID : C0AW2								
P5235-12	C0AW2	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	24.000	J		
P5235-12	C0AW2	water	Isopropyl butyrate	*	27.000	J		
P5235-12	C0AW2	water	Total Alkanes	*	0.000	D 11	50	ug/L
Total Tics :				51.00				
Total Concentration:				51.00				
Client ID : JNLH4								
P5257-01	JNLH4	Solid	4H-Cyclopenta[def]phenanthrene	*	100.000	J		
P5257-01	JNLH4	Solid	Benzophenone	*	660.000	J		
P5257-01	JNLH4	Solid	n-Hexadecanoic acid	*	350.000	J		
P5257-01	JNLH4	Solid	Total Alkanes	*	0.000	34	240	ug/Kg
Total Tics :				1,110.00				
P5257-01	JNLH4	Solid	Acenaphthylene		60.000	J 45	240	ug/Kg
P5257-01	JNLH4	Solid	Anthracene		100.000	J 36	240	ug/Kg
P5257-01	JNLH4	Solid	Benzo(a)anthracene		140.000	J 38	240	ug/Kg
P5257-01	JNLH4	Solid	Benzo(a)pyrene		130.000	J 45	240	ug/Kg
P5257-01	JNLH4	Solid	Benzo(b)fluoranthene		140.000	J 47	240	ug/Kg
P5257-01	JNLH4	Solid	Benzo(g,h,i)perylene		68.000	J 37	240	ug/Kg
P5257-01	JNLH4	Solid	Chrysene		130.000	J 44	240	ug/Kg
P5257-01	JNLH4	Solid	Fluoranthene		400.000	77	240	ug/Kg
P5257-01	JNLH4	Solid	Fluorene		51.000	J 36	240	ug/Kg
P5257-01	JNLH4	Solid	Indeno(1,2,3-cd)pyrene		55.000	J 44	240	ug/Kg
P5257-01	JNLH4	Solid	Phenanthrene		430.000	41	240	ug/Kg
P5257-01	JNLH4	Solid	Pyrene		360.000	70	240	ug/Kg
Total Svoc :				2,064.00				
Total Concentration:				3,174.00				
Client ID : JNLH5								
P5257-02	JNLH5	Solid	(DEL) Alkane: Straight-Chain21.(	*	290.000	J		
P5257-02	JNLH5	Solid	Benzophenone	*	1,200.000	J		
P5257-02	JNLH5	Solid	Methanone, (1-hydroxycyclohexy	*	140.000	J		
P5257-02	JNLH5	Solid	n-Hexadecanoic acid	*	650.000	J		
P5257-02	JNLH5	Solid	Octadecanoic acid	*	110.000	J		
P5257-02	JNLH5	Solid	Phenol, 4,4-(1-methylethylidene)t	*	180.000	J		
P5257-02	JNLH5	Solid	Total Alkanes	*	290.000	37	260	ug/Kg
Total Tics :				2,860.00				
Total Concentration:				2,860.00				
Client ID : DCZF0								
P5263-01	DCZF0	water	Isopropyl butyrate	*	46.000	J		

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5263-01	DCZF0	water	Total Alkanes	*	0.000	D 11	50	ug/L
Total Tics :							46.00	
Total Concentration:							46.00	
Client ID : E28Y6								
P5265-01	E28Y6	Solid	Benzophenone	*	120.000	J		
P5265-01	E28Y6	Solid	n-Hexadecanoic acid	*	150.000	J		
P5265-01	E28Y6	Solid	Oxalic acid, octadecyl propyl este	*	140.000	J		
P5265-01	E28Y6	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :							410.00	
Total Concentration:							410.00	
Client ID : E28Y7								
P5265-02	E28Y7	Solid	(DEL) Alkane: Straight-Chain22.1	*	96.000	J		
P5265-02	E28Y7	Solid	(DEL) Alkane: Straight-Chain23.6	*	880.000	J		
P5265-02	E28Y7	Solid	(DEL) Alkane: Straight-Chain25.6	*	500.000	J		
P5265-02	E28Y7	Solid	2- Chloropropionic acid, pentadec	*	170.000	J		
P5265-02	E28Y7	Solid	Benzophenone	*	160.000	J		
P5265-02	E28Y7	Solid	n-Hexadecanoic acid	*	430.000	J		
P5265-02	E28Y7	Solid	Octadecanoic acid	*	87.000	J		
P5265-02	E28Y7	Solid	Total Alkanes	*	1,500.000	30	210	ug/Kg
Total Tics :							3,823.00	
P5265-02	E28Y7	Solid	Acetophenone		190.000	J 49	410	ug/Kg
P5265-02	E28Y7	Solid	Fluoranthene		68.000	J 66	210	ug/Kg
P5265-02	E28Y7	Solid	Phenanthrene		45.000	J 36	210	ug/Kg
P5265-02	E28Y7	Solid	Phenol		110.000	J 53	410	ug/Kg
Total Svoc :							413.00	
Total Concentration:							4,236.00	
Client ID : E28Y8								
P5265-03	E28Y8	Solid	(DEL) Alkane: Cyclic21.045	*	250.000	J		
P5265-03	E28Y8	Solid	Anthracene, 1,4-dimethyl-	*	99.000	J		
P5265-03	E28Y8	Solid	Benzophenone	*	260.000	J		
P5265-03	E28Y8	Solid	n-Hexadecanoic acid	*	830.000	J		
P5265-03	E28Y8	Solid	Octadecanoic acid	*	150.000	J		
P5265-03	E28Y8	Solid	Total Alkanes	*	250.000	29	200	ug/Kg
Total Tics :							1,839.00	
P5265-03	E28Y8	Solid	Acenaphthylene		140.000	J 39	200	ug/Kg
P5265-03	E28Y8	Solid	Anthracene		79.000	J 30	200	ug/Kg
P5265-03	E28Y8	Solid	Benzo(a)anthracene		320.000	33	200	ug/Kg
P5265-03	E28Y8	Solid	Benzo(a)pyrene		300.000	39	200	ug/Kg
P5265-03	E28Y8	Solid	Benzo(b)fluoranthene		400.000	40	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-03	E28Y8	Solid	Benzo(g,h,i)perylene	190.000	J	31	200	ug/Kg
P5265-03	E28Y8	Solid	Benzo(k)fluoranthene	120.000	J	46	200	ug/Kg
P5265-03	E28Y8	Solid	Chrysene	310.000		37	200	ug/Kg
P5265-03	E28Y8	Solid	Dibenzo(a,h)anthracene	54.000	J	34	200	ug/Kg
P5265-03	E28Y8	Solid	Dimethylphthalate	46.000	J	35	200	ug/Kg
P5265-03	E28Y8	Solid	Fluoranthene	640.000		65	200	ug/Kg
P5265-03	E28Y8	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	37	200	ug/Kg
P5265-03	E28Y8	Solid	Phenanthrene	130.000	J	35	200	ug/Kg
P5265-03	E28Y8	Solid	Phenol	94.000	J	52	400	ug/Kg
P5265-03	E28Y8	Solid	Pyrene	560.000		59	200	ug/Kg
Total Svoc :				3,543.00				
Total Concentration:				5,382.00				
Client ID : E28Y9								
P5265-04	E28Y9	Solid	(DEL) Alkane: Cyclic21.051	*	270.000	J		
P5265-04	E28Y9	Solid	(DEL) Alkane: Straight-Chain23.6	*	100.000	J		
P5265-04	E28Y9	Solid	Benzophenone	*	280.000	J		
P5265-04	E28Y9	Solid	cis-10-Nonadecenoic acid	*	110.000	J		
P5265-04	E28Y9	Solid	n-Hexadecanoic acid	*	760.000	J		
P5265-04	E28Y9	Solid	Octadecanoic acid	*	150.000	J		
P5265-04	E28Y9	Solid	Total Alkanes	*	370.000	30	210	ug/Kg
Total Tics :				2,040.00				
P5265-04	E28Y9	Solid	Phenol		86.000	J	54	410 ug/Kg
Total Svoc :				86.00				
Total Concentration:				2,126.00				
Client ID : E28Z0								
P5265-05	E28Z0	Solid	1,2,9,10-Dibenzopyrene	*	90.000	J		
P5265-05	E28Z0	Solid	1,2:4,5-Dibenzopyrene	*	160.000	J		
P5265-05	E28Z0	Solid	1,3-Dipropyl-8-cyclopentylxanthin	*	580.000	J		
P5265-05	E28Z0	Solid	1-(2-Aminobenzylidene)-1,2,3,4-t	*	660.000	J		
P5265-05	E28Z0	Solid	1-Hexadecene, 16-bromo-	*	180.000	J		
P5265-05	E28Z0	Solid	3,4:8,9-Dibenzopyrene	*	1,200.000	J		
P5265-05	E28Z0	Solid	Benzophenone	*	190.000	J		
P5265-05	E28Z0	Solid	Dibenz(a,e)aceanthrylene	*	370.000	J		
P5265-05	E28Z0	Solid	Dibenzo(a,i)pyrene	*	120.000	J		
P5265-05	E28Z0	Solid	Dibenzo[def,mno]chrysene-6,12-c	*	87.000	J		
P5265-05	E28Z0	Solid	Indeno[1,2,3-fg]naphthacene	*	650.000	J		
P5265-05	E28Z0	Solid	N-(4-Methyl-1-piperaziny1)-2-(2-p	*	350.000	J		
P5265-05	E28Z0	Solid	n-Hexadecanoic acid	*	520.000	J		
P5265-05	E28Z0	Solid	Oleic Acid	*	320.000	J		

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-05	E28Z0	Solid	Phenol, 4,4-(1-methylethylidene)b *	380.000	J			
P5265-05	E28Z0	Solid	Total Alkanes *	0.000		31	220	ug/Kg
			Total Tics :	5,857.00				
P5265-05	E28Z0	Solid	Phenol	61.000	J	55	430	ug/Kg
			Total Svoc :	61.00				
			Total Concentration:	5,918.00				
Client ID : E28Z1								
P5265-06	E28Z1	Solid	(DEL) Alkane: Straight-Chain21.(*	320.000	J			
P5265-06	E28Z1	Solid	9,10-Anthracenedione *	97.000	J			
P5265-06	E28Z1	Solid	Acenaphtho[1,2-j]fluoranthene *	910.000	J			
P5265-06	E28Z1	Solid	Benzo[a]pentacene *	200.000	J			
P5265-06	E28Z1	Solid	Benzo[e]pyrene *	130.000	J			
P5265-06	E28Z1	Solid	Benzophenone *	250.000	J			
P5265-06	E28Z1	Solid	n-Hexadecanoic acid *	1,000.000	J			
P5265-06	E28Z1	Solid	Octadecanoic acid *	200.000	J			
P5265-06	E28Z1	Solid	Palmitoleic acid *	320.000	J			
P5265-06	E28Z1	Solid	Rubcene- *	120.000	J			
P5265-06	E28Z1	Solid	Total Alkanes *	320.000		29	210	ug/Kg
			Total Tics :	3,867.00				
P5265-06	E28Z1	Solid	Benzo(a)anthracene	160.000	J	33	210	ug/Kg
P5265-06	E28Z1	Solid	Benzo(a)pyrene	240.000		39	210	ug/Kg
P5265-06	E28Z1	Solid	Benzo(b)fluoranthene	370.000		40	210	ug/Kg
P5265-06	E28Z1	Solid	Benzo(g,h,i)perylene	270.000		32	210	ug/Kg
P5265-06	E28Z1	Solid	Benzo(k)fluoranthene	110.000	J	46	210	ug/Kg
P5265-06	E28Z1	Solid	Chrysene	260.000		38	210	ug/Kg
P5265-06	E28Z1	Solid	Fluoranthene	770.000		66	210	ug/Kg
P5265-06	E28Z1	Solid	Indeno(1,2,3-cd)pyrene	190.000	J	38	210	ug/Kg
P5265-06	E28Z1	Solid	Phenanthrene	380.000		35	210	ug/Kg
P5265-06	E28Z1	Solid	Phenol	94.000	J	52	400	ug/Kg
P5265-06	E28Z1	Solid	Pyrene	660.000		60	210	ug/Kg
			Total Svoc :	3,504.00				
			Total Concentration:	7,371.00				
Client ID : E28Z2								
P5265-07	E28Z2	Solid	(DEL) Alkane: Straight-Chain21.(*	300.000	J			
P5265-07	E28Z2	Solid	Benzophenone *	250.000	J			
P5265-07	E28Z2	Solid	n-Hexadecanoic acid *	530.000	J			
P5265-07	E28Z2	Solid	Octadecanoic acid *	100.000	J			
P5265-07	E28Z2	Solid	Total Alkanes *	300.000		30	210	ug/Kg
			Total Tics :	1,480.00				
P5265-07	E28Z2	Solid	Benzo(a)anthracene	53.000	J	34	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-07	E28Z2	Solid	Benzo(a)pyrene	60.000	J	40	210	ug/Kg
P5265-07	E28Z2	Solid	Benzo(b)fluoranthene	90.000	J	41	210	ug/Kg
P5265-07	E28Z2	Solid	Benzo(g,h,i)perylene	59.000	J	32	210	ug/Kg
P5265-07	E28Z2	Solid	Chrysene	69.000	J	38	210	ug/Kg
P5265-07	E28Z2	Solid	Fluoranthene	150.000	J	67	210	ug/Kg
P5265-07	E28Z2	Solid	Indeno(1,2,3-cd)pyrene	43.000	J	38	210	ug/Kg
P5265-07	E28Z2	Solid	Phenanthrene	76.000	J	36	210	ug/Kg
P5265-07	E28Z2	Solid	Phenol	88.000	J	53	410	ug/Kg
P5265-07	E28Z2	Solid	Pyrene	120.000	J	61	210	ug/Kg
Total Svoc :				808.00				
Total Concentration:				2,288.00				
Client ID : E28Z3								
P5265-08	E28Z3	Solid	(DEL) Alkane: Straight-Chain21.(*	150.000	J			
P5265-08	E28Z3	Solid	(DEL) Alkane: Straight-Chain23.(*	97.000	J			
P5265-08	E28Z3	Solid	Benzophenone *	120.000	J			
P5265-08	E28Z3	Solid	n-Hexadecanoic acid *	320.000	J			
P5265-08	E28Z3	Solid	Total Alkanes *	250.000		31	220	ug/Kg
Total Tics :				937.00				
P5265-08	E28Z3	Solid	Benzo(a)anthracene	43.000	J	34	220	ug/Kg
P5265-08	E28Z3	Solid	Benzo(a)pyrene	48.000	J	41	220	ug/Kg
P5265-08	E28Z3	Solid	Benzo(b)fluoranthene	71.000	J	42	220	ug/Kg
P5265-08	E28Z3	Solid	Benzo(g,h,i)perylene	46.000	J	33	220	ug/Kg
P5265-08	E28Z3	Solid	Chrysene	55.000	J	39	220	ug/Kg
P5265-08	E28Z3	Solid	Fluoranthene	210.000	J	69	220	ug/Kg
P5265-08	E28Z3	Solid	Phenanthrene	210.000	J	37	220	ug/Kg
P5265-08	E28Z3	Solid	Pyrene	170.000	J	62	220	ug/Kg
Total Svoc :				853.00				
Total Concentration:				1,790.00				
Client ID : E28Z4								
P5265-09	E28Z4	Solid	1-Hexadecanol, 2-methyl- *	180.000	J			
P5265-09	E28Z4	Solid	Benzophenone *	140.000	J			
P5265-09	E28Z4	Solid	n-Hexadecanoic acid *	360.000	J			
P5265-09	E28Z4	Solid	Squalene *	140.000	J			
P5265-09	E28Z4	Solid	Total Alkanes *	0.000		29	210	ug/Kg
Total Tics :				820.00				
P5265-09	E28Z4	Solid	Benzo(a)anthracene	41.000	J	33	210	ug/Kg
P5265-09	E28Z4	Solid	Benzo(a)pyrene	42.000	J	39	210	ug/Kg
P5265-09	E28Z4	Solid	Benzo(b)fluoranthene	59.000	J	41	210	ug/Kg
P5265-09	E28Z4	Solid	Chrysene	44.000	J	38	210	ug/Kg
P5265-09	E28Z4	Solid	Fluoranthene	97.000	J	66	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-09	E28Z4	Solid	Pyrene	79.000	J	60	210	ug/Kg
Total Svoc :				362.00				
Total Concentration:				1,182.00				
Client ID : E28Z5								
P5265-10	E28Z5	Solid	(E)-Hexadec-9-enoic acid	*	110.000	J		
P5265-10	E28Z5	Solid	9-Octadecenamide, (Z)-	*	110.000	J		
P5265-10	E28Z5	Solid	Benzophenone	*	140.000	J		
P5265-10	E28Z5	Solid	Heptadecyl heptafluorobutyrate	*	190.000	J		
P5265-10	E28Z5	Solid	n-Hexadecanoic acid	*	560.000	J		
P5265-10	E28Z5	Solid	Octadecanoic acid	*	200.000	J		
P5265-10	E28Z5	Solid	Octadecanoic acid, 4-hydroxy-, m	*	96.000	J		
P5265-10	E28Z5	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				1,406.00				
P5265-10	E28Z5	Solid	Benzo(a)anthracene		74.000	J	34	210 ug/Kg
P5265-10	E28Z5	Solid	Benzo(a)pyrene		71.000	J	40	210 ug/Kg
P5265-10	E28Z5	Solid	Benzo(b)fluoranthene		88.000	J	41	210 ug/Kg
P5265-10	E28Z5	Solid	Benzo(g,h,i)perylene		53.000	J	32	210 ug/Kg
P5265-10	E28Z5	Solid	Bis(2-ethylhexyl)phthalate		220.000		120	210 ug/Kg
P5265-10	E28Z5	Solid	Chrysene		72.000	J	39	210 ug/Kg
P5265-10	E28Z5	Solid	Fluoranthene		180.000	J	67	210 ug/Kg
P5265-10	E28Z5	Solid	Phenanthrene		73.000	J	36	210 ug/Kg
P5265-10	E28Z5	Solid	Phenol		68.000	J	54	410 ug/Kg
P5265-10	E28Z5	Solid	Pyrene		150.000	J	61	210 ug/Kg
Total Svoc :				1,049.00				
Total Concentration:				2,455.00				
Client ID : E28Z6								
P5265-11	E28Z6	Solid	11H-Benzo[a]fluoren-11-one	*	90.000	J		
P5265-11	E28Z6	Solid	11H-Benzo[a]fluorene	*	120.000	J		
P5265-11	E28Z6	Solid	9-Octadecenoic acid (Z)-, 2,3-dihy	*	120.000	J		
P5265-11	E28Z6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	190.000	J		
P5265-11	E28Z6	Solid	Benzo[e]pyrene	*	150.000	J		
P5265-11	E28Z6	Solid	Benzophenone	*	180.000	J		
P5265-11	E28Z6	Solid	Fluoranthene, 2-methyl-	*	230.000	J		
P5265-11	E28Z6	Solid	n-Hexadecanoic acid	*	620.000	J		
P5265-11	E28Z6	Solid	Octadecanoic acid	*	150.000	J		
P5265-11	E28Z6	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P5265-11	E28Z6	Solid	Pyrene, 1-methyl-	*	100.000	J		
P5265-11	E28Z6	Solid	Tetradecanamide	*	99.000	J		
P5265-11	E28Z6	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				2,189.00				

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-11	E28Z6	Solid	Acenaphthene	140.000	J	37	210	ug/Kg
P5265-11	E28Z6	Solid	Acetophenone	270.000	J	50	420	ug/Kg
P5265-11	E28Z6	Solid	Anthracene	300.000		32	210	ug/Kg
P5265-11	E28Z6	Solid	Benzo(a)anthracene	720.000		34	210	ug/Kg
P5265-11	E28Z6	Solid	Benzo(a)pyrene	400.000		40	210	ug/Kg
P5265-11	E28Z6	Solid	Benzo(b)fluoranthene	790.000		42	210	ug/Kg
P5265-11	E28Z6	Solid	Benzo(g,h,i)perylene	43.000	J	33	210	ug/Kg
P5265-11	E28Z6	Solid	Benzo(k)fluoranthene	340.000		48	210	ug/Kg
P5265-11	E28Z6	Solid	Bis(2-ethylhexyl)phthalate	1,100.000		120	210	ug/Kg
P5265-11	E28Z6	Solid	Carbazole	150.000	J	35	420	ug/Kg
P5265-11	E28Z6	Solid	Chrysene	680.000		39	210	ug/Kg
P5265-11	E28Z6	Solid	Dibenzo(a,h)anthracene	100.000	J	35	210	ug/Kg
P5265-11	E28Z6	Solid	Dibenzofuran	50.000	J	40	210	ug/Kg
P5265-11	E28Z6	Solid	Fluoranthene	1,800.000		68	210	ug/Kg
P5265-11	E28Z6	Solid	Fluorene	94.000	J	32	210	ug/Kg
P5265-11	E28Z6	Solid	Indeno(1,2,3-cd)pyrene	240.000		39	210	ug/Kg
P5265-11	E28Z6	Solid	Phenanthrene	1,200.000		37	210	ug/Kg
P5265-11	E28Z6	Solid	Phenol	130.000	J	54	420	ug/Kg
P5265-11	E28Z6	Solid	Pyrene	1,200.000		62	210	ug/Kg

Total Svoc : 9,747.00

Total Concentration: 11,936.00

Client ID : E28Z7

P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain11.6 *	89.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain15.6 *	590.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain15.4 *	380.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain15.5 *	100.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain15.8 *	1,300.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain16.7 *	710.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain17.3 *	160.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain17.4 *	630.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain18.1 *	450.000	J			
P5265-12	E28Z7	Solid	(DEL) Alkane: Straight-Chain18.6 *	110.000	J			
P5265-12	E28Z7	Solid	Benzophenone *	130.000	J			
P5265-12	E28Z7	Solid	Hexadecane, 1-iodo- *	330.000	J			
P5265-12	E28Z7	Solid	n-Hexadecanoic acid *	350.000	J			
P5265-12	E28Z7	Solid	Tetradecane, 1-iodo- *	350.000	J			
P5265-12	E28Z7	Solid	Tridecane, 1-iodo- *	660.000	J			
P5265-12	E28Z7	Solid	Total Alkanes *	4,500.000		29	210	ug/Kg

Total Tics : 10,839.00

Hit Summary Sheet
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SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				10,839.00				
Client ID : E28Z8								
P5265-13	E28Z8	Solid	(DEL) Alkane: Cyclic15.628 *	390.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain11.2 *	130.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain11.6 *	460.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain12.6 *	140.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain13.6 *	94.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain14.6 *	1,100.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain14.7 *	84.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain15.6 *	1,700.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain15.6 *	370.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain15.8 *	3,900.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain16.2 *	240.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain16.7 *	2,100.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain17.1 *	250.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain17.3 *	530.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain18.1 *	1,400.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain18.8 *	1,000.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain19.6 *	380.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain20.6 *	230.000	J			
P5265-13	E28Z8	Solid	(DEL) Alkane: Straight-Chain7.14 *	220.000	J			
P5265-13	E28Z8	Solid	Benzene, 1,4-diethyl-	130.000	J			
P5265-13	E28Z8	Solid	n-Hexadecanoic acid	140.000	J			
P5265-13	E28Z8	Solid	Naphthalene, 2,3-dimethyl-	91.000	J			
P5265-13	E28Z8	Solid	Octadecane, 1-iodo-	2,000.000	J			
P5265-13	E28Z8	Solid	Sulfurous acid, 2-propyl tetradecy *	2,000.000	J			
P5265-13	E28Z8	Solid	Tetradecane, 1-iodo-	110.000	J			
P5265-13	E28Z8	Solid	Tridecane, 1-iodo-	200.000	J			
P5265-13	E28Z8	Solid	Total Alkanes	15,000.000		29	210	ug/Kg
Total Tics :				34,389.00				
P5265-13	E28Z8	Solid	Phenanthrene	76.000	J	35	210	ug/Kg
Total Svoc :				76.00				
Total Concentration:				34,465.00				
Client ID : E28Z9								
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain11.6 *	330.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain12.6 *	250.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain12.9 *	490.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain13.6 *	170.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain13.7 *	100.000	J			

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain14.0	* 1,100.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain15.0	* 1,700.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain15.4	* 1,900.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain15.8	* 3,100.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain16.0	* 1,300.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain16.0	* 2,300.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain17.0	* 510.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain18.0	* 1,000.000	J			
P5265-14	E28Z9	Solid	(DEL) Alkane: Straight-Chain28.0	* 270.000	J			
P5265-14	E28Z9	Solid	1-Methyl-4-(1-methylethyl)-3-[1-methylethyl]phenol	* 250.000	J			
P5265-14	E28Z9	Solid	Decane, 1-iodo-	* 1,400.000	J			
P5265-14	E28Z9	Solid	Hexadecane, 1-iodo-	* 180.000	J			
P5265-14	E28Z9	Solid	Sulfurous acid, dodecyl 2-propyl ester	* 400.000	J			
P5265-14	E28Z9	Solid	Tetradecane, 1-iodo-	* 790.000	J			
P5265-14	E28Z9	Solid	Undec-10-ynoic acid, heptadecyl ester	* 98.000	J			
P5265-14	E28Z9	Solid	Total Alkanes	* 15,000.000		27	190	ug/Kg
Total Tics :				32,638.00				
P5265-14	E28Z9	Solid	Phenanthrene	92.000	J	33	190	ug/Kg
P5265-14	E28Z9	Solid	Phenol	49.000	J	49	380	ug/Kg
Total Svoc :				141.00				
Total Concentration:				32,779.00				
Client ID : E2900								
P5265-15	E2900	Solid	(DEL) Alkane: Cyclic21.051	* 210.000	J			
P5265-15	E2900	Solid	Benzophenone	* 130.000	J			
P5265-15	E2900	Solid	Fumaric acid, 2-chloropropyl triester	* 89.000	J			
P5265-15	E2900	Solid	n-Hexadecanoic acid	* 500.000	J			
P5265-15	E2900	Solid	Octadecanoic acid	* 170.000	J			
P5265-15	E2900	Solid	Total Alkanes	* 210.000		28	200	ug/Kg
Total Tics :				1,309.00				
P5265-15	E2900	Solid	Phenol	59.000	J	50	390	ug/Kg
Total Svoc :				59.00				
Total Concentration:				1,368.00				
Client ID : E2901								
P5265-16	E2901	Solid	(DEL) Alkane: Straight-Chain19.0	* 110.000	J			
P5265-16	E2901	Solid	1-Heneicosyl formate	* 290.000	J			
P5265-16	E2901	Solid	Acetic acid, chloro-, octadecyl ester	* 83.000	J			
P5265-16	E2901	Solid	Benzophenone	* 520.000	J			
P5265-16	E2901	Solid	n-Hexadecanoic acid	* 550.000	J			
P5265-16	E2901	Solid	Octadecanoic acid	* 170.000	J			
P5265-16	E2901	Solid	Total Alkanes	* 110.000		29	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,833.00				
P5265-16	E2901	Solid	Benzo(b)fluoranthene	43.000	J	40	210	ug/Kg
P5265-16	E2901	Solid	Fluoranthene	120.000	J	66	210	ug/Kg
P5265-16	E2901	Solid	Phenanthrene	75.000	J	35	210	ug/Kg
P5265-16	E2901	Solid	Phenol	56.000	J	52	400	ug/Kg
P5265-16	E2901	Solid	Pyrene	92.000	J	60	210	ug/Kg
Total Svoc :				386.00				
Total Concentration:				2,219.00				
Client ID : E2902								
P5265-17	E2902	Solid	(DEL) Alkane: Straight-Chain21.(*	160.000	J			
P5265-17	E2902	Solid	(E)-Hexadec-9-enoic acid *	90.000	J			
P5265-17	E2902	Solid	Benzophenone *	380.000	J			
P5265-17	E2902	Solid	n-Hexadecanoic acid *	480.000	J			
P5265-17	E2902	Solid	Octadecanoic acid *	110.000	J			
P5265-17	E2902	Solid	Total Alkanes *	160.000		29	210	ug/Kg
Total Tics :				1,380.00				
P5265-17	E2902	Solid	Acenaphthene	49.000	J	35	210	ug/Kg
P5265-17	E2902	Solid	Anthracene	120.000	J	30	210	ug/Kg
P5265-17	E2902	Solid	Benzo(a)anthracene	150.000	J	33	210	ug/Kg
P5265-17	E2902	Solid	Benzo(a)pyrene	130.000	J	39	210	ug/Kg
P5265-17	E2902	Solid	Benzo(b)fluoranthene	160.000	J	40	210	ug/Kg
P5265-17	E2902	Solid	Benzo(g,h,i)perylene	75.000	J	31	210	ug/Kg
P5265-17	E2902	Solid	Benzo(k)fluoranthene	60.000	J	46	210	ug/Kg
P5265-17	E2902	Solid	Carbazole	75.000	J	34	400	ug/Kg
P5265-17	E2902	Solid	Chrysene	130.000	J	37	210	ug/Kg
P5265-17	E2902	Solid	Fluoranthene	420.000		65	210	ug/Kg
P5265-17	E2902	Solid	Fluorene	49.000	J	30	210	ug/Kg
P5265-17	E2902	Solid	Indeno(1,2,3-cd)pyrene	63.000	J	37	210	ug/Kg
P5265-17	E2902	Solid	Phenanthrene	420.000		35	210	ug/Kg
P5265-17	E2902	Solid	Pyrene	320.000		59	210	ug/Kg
Total Svoc :				2,221.00				
Total Concentration:				3,601.00				
Client ID : E2903								
P5265-18	E2903	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	2,200.000	J			
P5265-18	E2903	Solid	1,1-Biphenyl, 2-methyl- *	620.000	J			
P5265-18	E2903	Solid	11H-Benzo[a]fluoren-11-one *	560.000	J			
P5265-18	E2903	Solid	2-Naphthalenecarbonitrile *	650.000	J			
P5265-18	E2903	Solid	3-Heptanone, 5-methyl- *	7,500.000	J			
P5265-18	E2903	Solid	7H-Benz[de]anthracen-7-one *	390.000	J			
P5265-18	E2903	Solid	9,10-Anthracenedione *	700.000	J			

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-18	E2903	Solid	9H-Fluoren-9-one	*	490.000	J		
P5265-18	E2903	Solid	Benzene, 1,2-diethyl-	*	2,000.000	J		
P5265-18	E2903	Solid	Benzene, 1,3-dimethyl-	*	2,000.000	J		
P5265-18	E2903	Solid	Benzene, 1-ethyl-2-methyl-	*	2,600.000	J		
P5265-18	E2903	Solid	Benzene, 1-methyl-3-(1-methylethyl)-	*	3,500.000	J		
P5265-18	E2903	Solid	Benzene, 1-methyl-4-propyl-	*	1,300.000	J		
P5265-18	E2903	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	1,400.000	J		
P5265-18	E2903	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	2,700.000	J		
P5265-18	E2903	Solid	Benzene, propyl-	*	2,800.000	J		
P5265-18	E2903	Solid	Benzo[e]pyrene	*	1,100.000	J		
P5265-18	E2903	Solid	Benzo[j]fluoranthene	*	860.000	J		
P5265-18	E2903	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	440.000	J		
P5265-18	E2903	Solid	Indeno[1,2,3-cd]fluoranthene	*	900.000	J		
P5265-18	E2903	Solid	Naphthalene, 1,2-dimethyl-	*	570.000	J		
P5265-18	E2903	Solid	Naphthalene, 2,3-dimethyl-	*	1,200.000	J		
P5265-18	E2903	Solid	Naphthalene, 2-ethyl-	*	650.000	J		
P5265-18	E2903	Solid	o-Cymene	*	1,100.000	J		
P5265-18	E2903	Solid	Pentaphene	*	350.000	J		
P5265-18	E2903	Solid	Perylene	*	970.000	J		
P5265-18	E2903	Solid	Phenanthrene, 1-methyl-	*	360.000	J		
P5265-18	E2903	Solid	Picene	*	1,100.000	J		
P5265-18	E2903	Solid	Pyrene, 1-methyl-	*	430.000	J		
P5265-18	E2903	Solid	Pyrene, 2-methyl-	*	410.000	J		
P5265-18	E2903	Solid	Total Alkanes	*	0.000	35	250	ug/Kg
Total Tics :				41,850.00				
P5265-18	E2903	Solid	1,1-Biphenyl		3,600.000	35	250	ug/Kg
P5265-18	E2903	Solid	1-Methylnaphthalene		6,400.000	E 48	250	ug/Kg
P5265-18	E2903	Solid	2,4-Dimethylphenol		230.000	J 36	250	ug/Kg
P5265-18	E2903	Solid	2-Methylnaphthalene		9,300.000	E 33	250	ug/Kg
P5265-18	E2903	Solid	4-Methylphenol		340.000	J 54	480	ug/Kg
P5265-18	E2903	Solid	4-Nitroaniline		2,100.000	45	480	ug/Kg
P5265-18	E2903	Solid	Acenaphthene		15,000.000	E 42	250	ug/Kg
P5265-18	E2903	Solid	Acenaphthylene		870.000	46	250	ug/Kg
P5265-18	E2903	Solid	Acetophenone		1,400.000	58	480	ug/Kg
P5265-18	E2903	Solid	Anthracene		9,900.000	E 36	250	ug/Kg
P5265-18	E2903	Solid	Benzo(a)anthracene		38,000.000	E 39	250	ug/Kg
P5265-18	E2903	Solid	Benzo(a)pyrene		26,000.000	E 46	250	ug/Kg
P5265-18	E2903	Solid	Benzo(b)fluoranthene		27,000.000	E 48	250	ug/Kg
P5265-18	E2903	Solid	Benzo(g,h,i)perylene		4,400.000	E 38	250	ug/Kg
P5265-18	E2903	Solid	Benzo(k)fluoranthene		18,000.000	E 55	250	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-18	E2903	Solid	Bis(2-ethylhexyl)phthalate	1,500.000		140	250	ug/Kg
P5265-18	E2903	Solid	Carbazole	23,000.000	E	41	480	ug/Kg
P5265-18	E2903	Solid	Chrysene	30,000.000	E	45	250	ug/Kg
P5265-18	E2903	Solid	Dibenzo(a,h)anthracene	8,900.000	E	41	250	ug/Kg
P5265-18	E2903	Solid	Dibenzofuran	14,000.000	E	46	250	ug/Kg
P5265-18	E2903	Solid	Dimethylphthalate	650.000		42	250	ug/Kg
P5265-18	E2903	Solid	Fluoranthene	61,000.000	E	78	250	ug/Kg
P5265-18	E2903	Solid	Fluorene	13,000.000	E	36	250	ug/Kg
P5265-18	E2903	Solid	Indeno(1,2,3-cd)pyrene	24,000.000	E	45	250	ug/Kg
P5265-18	E2903	Solid	Naphthalene	14,000.000	E	36	250	ug/Kg
P5265-18	E2903	Solid	Phenanthrene	64,000.000	E	42	250	ug/Kg
P5265-18	E2903	Solid	Pyrene	45,000.000	E	71	250	ug/Kg
Total Svoc :				461,590.00				
Total Concentration:				503,440.00				
Client ID :	SVOC-GPC2-BLANK							
P5288-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	72	510	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112624

SAS No.: BP112624

SDG No.: BP112624

Instrument ID: _____

Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID:	RRFAL1 = BP023321.D			RRFAL2 = BP023322.D		RRFAL3 = BP023323.D		
	RRFAL4 = BP023324.D			RRFAL5 = BP023325.D		RRFAL6 = BP023326.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.661	0.662	0.584	0.568	0.530		0.601	9.8
Benzaldehyde		1.074	1.093	0.908	0.792	0.619	0.897	22.2
Pyridine		1.476	1.411	1.440	1.408	1.400	1.427	2.2
Hexachloroethane	0.625	0.638	0.569	0.572	0.551		0.591	6.5
Nitrobenzene	0.459	0.490	0.457	0.434	0.432		0.454	5.2
Isophorone	0.821	0.867	0.788	0.772	0.777		0.805	4.9
2-Nitrophenol	0.177	0.195	0.179	0.182	0.186		0.184	3.8
2,4-Dimethylphenol	0.433	0.434	0.398	0.381	0.390		0.407	6.1
Bis(2-Chloroethoxy)methane	0.485	0.477	0.448	0.434	0.429		0.455	5.5
2,4-Dichlorophenol	0.362	0.375	0.360	0.343	0.360		0.360	3.2
Naphthalene	1.138	1.134	1.003	0.985	0.975		1.047	7.8
4-Chloroaniline		0.413	0.376	0.393	0.401	0.391	0.395	3.4
Hexachlorobutadiene	0.348	0.346	0.310	0.298	0.296		0.319	8.0
Phenol		1.649	1.575	1.626	1.641	1.678	1.634	2.3
Caprolactam		0.103	0.106	0.106	0.107	0.105	0.105	1.5
4-Chloro-3-methylphenol	0.395	0.404	0.391	0.377	0.388		0.391	2.6
1-Methylnaphthalene	0.853	0.846	0.774	0.736	0.747		0.791	6.9
2-Methylnaphthalene	0.836	0.823	0.754	0.729	0.741		0.776	6.3
Hexachlorocyclopentadiene		0.295	0.311	0.332	0.385	0.429	0.351	15.8
2,4,6-Trichlorophenol	0.423	0.448	0.422	0.424	0.443		0.432	2.9
2,4,5-Trichlorophenol	0.474	0.475	0.447	0.440	0.472		0.461	3.6
1,1-Biphenyl	1.530	1.517	1.365	1.334	1.340		1.417	6.9
2-Chloronaphthalene	1.217	1.221	1.120	1.082	1.092		1.146	5.9
2-Nitroaniline	0.311	0.330	0.333	0.338	0.349		0.332	4.2
Bis(2-Chloroethyl)ether		1.413	1.262	1.269	1.248	1.255	1.290	5.4
Dimethylphthalate	1.643	1.633	1.494	1.445	1.431		1.529	6.7
2,6-Dinitrotoluene	0.276	0.297	0.292	0.294	0.307		0.293	3.8
Acenaphthylene	1.733	1.776	1.638	1.582	1.610		1.668	5.0
3-Nitroaniline		0.241	0.258	0.248	0.244	0.237	0.246	3.3
Acenaphthene	1.326	1.313	1.198	1.138	1.120		1.219	7.9
2,4-Dinitrophenol		0.153	0.160	0.189	0.210	0.234	0.189	18.0
4-Nitrophenol		0.250	0.272	0.241	0.255	0.264	0.256	4.7
Dibenzofuran	1.990	1.998	1.803	1.727	1.738		1.851	7.2
2,4-Dinitrotoluene	0.461	0.485	0.477	0.466	0.470		0.472	2.0
Diethylphthalate	1.605	1.621	1.517	1.431	1.452		1.525	5.7
2-Chlorophenol	1.243	1.299	1.159	1.179	1.191		1.214	4.7

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: _____ Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID:		RRFAL1 = BP023321.D		RRFAL2 = BP023322.D		RRFAL3 = BP023323.D		
		RRFAL4 = BP023324.D		RRFAL5 = BP023325.D		RRFAL6 = BP023326.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.623	1.628	1.463	1.397	1.426		1.507	7.3
4-Chlorophenyl-phenylether	0.947	0.958	0.837	0.805	0.824		0.874	8.3
4-Nitroaniline		0.211	0.248	0.217	0.213	0.191	0.216	9.4
4,6-Dinitro-2-methylphenol		0.119	0.127	0.124	0.133	0.138	0.128	5.8
N-Nitrosodiphenylamine	0.554	0.543	0.501	0.474	0.481		0.511	7.1
1,2,4,5-Tetrachlorobenzene	0.788	0.796	0.696	0.682	0.687		0.730	7.8
4-Bromophenyl-phenylether	0.257	0.253	0.230	0.216	0.225		0.236	7.5
Hexachlorobenzene	0.322	0.309	0.282	0.261	0.272		0.289	8.8
Atrazine		0.236	0.231	0.221	0.213	0.210	0.222	5.2
Pentachlorophenol		0.157	0.167	0.162	0.176	0.182	0.169	5.9
2-Methylphenol		1.254	1.173	1.190	1.218	1.223	1.212	2.6
Phenanthrene	1.136	1.110	1.016	0.954	0.953		1.034	8.3
Pentachlorobenzene	0.348	0.340	0.308	0.291	0.302		0.318	7.9
Anthracene	1.125	1.096	1.036	0.946	0.966		1.034	7.6
1,2,3,4-Tetrachlorobenzene	0.321	0.305	0.275	0.265	0.275		0.288	8.2
Carbazole		0.880	0.867	0.838	0.825	0.802	0.842	3.8
Di-n-butylphthalate	1.044	1.069	1.050	0.995	1.017		1.035	2.8
Fluoranthene	1.268	1.218	1.153	1.138	1.210		1.197	4.4
Pyrene	1.368	1.316	1.226	1.200	1.243		1.271	5.5
Butylbenzylphthalate	0.433	0.435	0.439	0.436	0.457		0.440	2.2
3,3-Dichlorobenzidine		0.455	0.460	0.459	0.477	0.443	0.459	2.6
2,2-oxybis(1-Chloropropane)		1.800	1.591	1.541	1.485	1.424	1.568	9.2
Benzo(a)anthracene	1.456	1.400	1.292	1.283	1.275		1.341	6.1
Chrysene	1.422	1.374	1.227	1.230	1.173		1.285	8.3
Bis(2-ethylhexyl)phthalate	0.598	0.627	0.635	0.635	0.664		0.632	3.7
Di-n-octyl phthalate		0.948	1.004	0.945	0.995	0.991	0.977	2.9
Benzo(b)fluoranthene	1.312	1.257	1.242	1.243	1.229		1.257	2.6
Benzo(k)fluoranthene	1.317	1.345	1.220	1.183	1.187		1.250	6.0
Benzo(a)pyrene	1.192	1.182	1.122	1.106	1.095		1.139	3.9
Indeno(1,2,3-cd)pyrene	1.503	1.577	1.442	1.387	1.411		1.464	5.2
Dibenzo(a,h)anthracene	1.223	1.251	1.139	1.112	1.133		1.172	5.2
Benzo(g,h,i)perylene	1.173	1.209	1.082	1.057	1.084		1.121	5.9
Acetophenone		2.346	2.106	2.078	2.093	2.035	2.132	5.8
2,3,4,6-Tetrachlorophenol	0.461	0.485	0.450	0.446	0.448		0.458	3.6
1,4-Dioxane-d8	0.623	0.597	0.498	0.519	0.479		0.543	11.7
Pyridine-d5		1.447	1.330	1.411	1.400	1.396	1.397	3.0

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG No.: BP112624
Instrument ID: _____ Calibration Date(s): 11/26/2024 _____
Calibration Time(s): 12:14 _____

LAB FILE ID:		RRFAL1 = BP023321.D			RRFAL2 = BP023322.D		RRFAL3 = BP023323.D	
		RRFAL4 = BP023324.D			RRFAL5 = BP023325.D		RRFAL6 = BP023326.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.571	1.517	1.535	1.590	1.634	1.569	3.0
Bis-(2-Chloroethyl)ether-d8		1.094	0.989	0.971	0.956	0.940	0.990	6.1
2-Chlorophenol-d4	1.154	1.195	1.135	1.155	1.152		1.158	1.9
4-Methylphenol-d8		1.293	1.230	1.262	1.279	1.268	1.267	1.8
Nitrobenzene-d5	0.150	0.156	0.148	0.144	0.148		0.149	3.0
2-Nitrophenol-d4	0.161	0.179	0.171	0.169	0.180		0.172	4.5
2,4-Dichlorophenol-d3	0.362	0.371	0.362	0.354	0.367		0.363	1.8
4-Chloroaniline-d4		0.409	0.397	0.410	0.415	0.404	0.407	1.7
4-Methylphenol		1.345	1.286	1.295	1.317	1.294	1.308	1.8
Dimethylphthalate-d6	1.671	1.625	1.547	1.450	1.470		1.553	6.2
Acenaphthylene-d8	1.684	1.767	1.597	1.563	1.578		1.638	5.3
4-Nitrophenol-d4		0.121	0.169	0.203	0.226	0.232	0.190	24.1
Fluorene-d10	1.438	1.486	1.341	1.280	1.283		1.366	6.8
4,6-Dinitro-2-methylphenol-		0.112	0.117	0.118	0.127	0.131	0.121	6.5
Anthracene-d10	0.979	0.954	0.910	0.853	0.869		0.913	5.9
Pyrene-d10	1.114	1.067	1.024	0.992	1.028		1.045	4.5
Benzo(a)pyrene-d12	1.094	1.105	1.048	1.058	1.048		1.071	2.5
N-Nitroso-di-n-propylamine	1.155	1.265	1.150	1.133	1.104		1.162	5.2

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 15:00

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	88649	7.557	344754	10.30	274666	14.17
	UPPER LIMIT	177298	8.057	689508	10.804	549332	14.669
	LOWER LIMIT	44324.5	7.057	172377	9.804	137333	13.669
	EPA SAMPLE NO.						
01	SBLK651	292475 *	7.51	1.09734e *	10.25	709439 *	14.13
02	SBLK652	228465 *	7.52	790650 *	10.26	592081 *	14.14
03	COAS8	259553 *	7.53	924865 *	10.27	690407 *	14.14
04	COAT0	241290 *	7.53	912460 *	10.27	688625 *	14.15
05	COAT1	251671 *	7.53	897942 *	10.27	654364 *	14.15
06	COAT2	245460 *	7.52	874532 *	10.26	677272 *	14.14
07	COAT3	213319 *	7.53	770673 *	10.27	515406	14.15
08	COAT5	237293 *	7.53	915137 *	10.27	672550 *	14.13
09	COAT6	236674 *	7.52	886893 *	10.27	637282 *	14.14
10	COAT7	221662 *	7.53	811487 *	10.28	594023 *	14.15
11	COAT8	243052 *	7.53	862175 *	10.28	628590 *	14.15
12	COAW0	229578 *	7.53	876475 *	10.26	653887 *	14.14
13	COAW1	186196 *	7.53	700784 *	10.28	555802 *	14.15
14	SLCS651	243120 *	7.53	925337 *	10.27	683212 *	14.13
15	SBLK677	248868 *	7.52	900936 *	10.27	689011 *	14.14
16	SVOC-GPC2-BLANK	127269	7.52	477357	10.27	335407	14.15
17	COAW2	207707 *	7.53	813770 *	10.28	613829 *	14.14
18	DCZF0	211144 *	7.53	798066 *	10.27	606510 *	14.14
19	JNLH4	234324 *	7.53	931617 *	10.27	697439 *	14.13
20	JNLH5	192778 *	7.52	772503 *	10.26	580443 *	14.13
21	E28S0	281331 *	7.52	1.02439e *	10.27	749102 *	14.13
22	SLCS701	211883 *	7.52	801224 *	10.26	575377 *	14.14
23	SLCS677	231074 *	7.53	957520 *	10.26	693199 *	14.13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637

Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023323.D

Time Analyzed: 07:50

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	88649	7.557	344754	10.30	274666	14.17
	UPPER LIMIT	177298	8.057	689508	10.804	549332	14.669
	LOWER LIMIT	44324.5	7.057	172377	9.804	137333	13.669
	EPA SAMPLE NO.						
24	SLCS639	245197 *	7.52	892635 *	10.26	664789 *	14.13
25	SLCS652	184395 *	7.53	704575 *	10.26	549519 *	14.14
26	SBLK701	215207 *	7.52	725691 *	10.27	525799	14.15
27	SBLK639	179389 *	7.52	681884	10.27	506471	14.14
28	SBLK707	218502 *	7.46	782036 *	10.22	575767 *	14.12
29	E28Y6	207212 *	7.52	758404 *	10.26	586741 *	14.13
30	E28Y7	187384 *	7.52	749060 *	10.27	555267 *	14.13
31	E28Z3	230354 *	7.52	990068 *	10.27	745938 *	14.13
32	E28Y9	209923 *	7.52	877142 *	10.27	620856 *	14.14
33	E28Y9MS	262406 *	7.52	953500 *	10.26	702420 *	14.13
34	E28Y9MSD	220865 *	7.52	894858 *	10.26	687477 *	14.13
35	E28Z2	246415 *	7.52	910426 *	10.26	654802 *	14.13
36	E28Z4	215689 *	7.52	839509 *	10.26	641674 *	14.13
37	SLCS707	267365 *	7.52	1.0386e+ *	10.26	713302 *	14.13
38	SBLK707	177539 *	7.52	674506	10.27	503006	14.13
39	E28Z9	275402 *	7.52	1.03866e *	10.27	712099 *	14.15
40	E2903	235437 *	7.53	977536 *	10.26	814584 *	14.15
41	E28Z0	290125 *	7.52	1.13248e *	10.26	841661 *	14.15
42	E28Z1	279742 *	7.52	1.1084e+ *	10.26	824057 *	14.13
43	E28Y8	315243 *	7.52	1.23972e *	10.26	890962 *	14.13
44	E2901	236569 *	7.52	944631 *	10.26	701227 *	14.13
45	E2902	316561 *	7.52	1.23472e *	10.26	888349 *	14.13
46	E28Z5	273516 *	7.52	1.07543e *	10.26	806571 *	14.13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 04:47

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	88649	7.557	344754	10.30	274666	14.17
UPPER LIMIT	177298	8.057	689508	10.804	549332	14.669
LOWER LIMIT	44324.5	7.057	172377	9.804	137333	13.669
EPA SAMPLE NO.						
47 E28Z6	271458 *	7.52	1.08437e *	10.26	847931 *	14.14
48 E28Z7	284746 *	7.52	1.10518e *	10.27	800896 *	14.14
49 E28Z8	363163 *	7.52	1.40918e *	10.27	976971 *	14.15
50 E2900	274340 *	7.52	1.07856e *	10.26	813734 *	14.14

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020757 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BP023497.D Time Analyzed: 15:00

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	185005	7.522	713254	10.27	532410	14.14
UPPER LIMIT	370010	8.022	1426508	10.769	1064820	14.64
LOWER LIMIT	92502.5	7.022	356627	9.769	266205	13.64
EPA SAMPLE NO.						
01 SBLK651	292475	7.51	1.09734e	10.25	709439	14.13
02 SBLK652	228465	7.52	790650	10.26	592081	14.14
03 COAS8	259553	7.53	924865	10.27	690407	14.14
04 COAT0	241290	7.53	912460	10.27	688625	14.15
05 COAT1	251671	7.53	897942	10.27	654364	14.15
06 COAT2	245460	7.52	874532	10.26	677272	14.14
07 COAT3	213319	7.53	770673	10.27	515406	14.15
08 COAT5	237293	7.53	915137	10.27	672550	14.13
09 COAT6	236674	7.52	886893	10.27	637282	14.14
10 COAT7	221662	7.53	811487	10.28	594023	14.15
11 COAT8	243052	7.53	862175	10.28	628590	14.15
12 COAW0	229578	7.53	876475	10.26	653887	14.14
13 COAW1	186196	7.53	700784	10.28	555802	14.15
14 SLCS651	243120	7.53	925337	10.27	683212	14.13

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020758 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023512.D Time Analyzed: 01:46

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	252970	7.528	981489	10.27	696291	14.14
UPPER LIMIT	505940	8.028	1962978	10.769	1392582	14.64
LOWER LIMIT	126485	7.028	490744.5	9.769	348145.5	13.64
EPA SAMPLE NO.						
01 SBLK677	248868	7.52	900936	10.27	689011	14.14
02 SVOC-GPC2-BLANK	127269	7.52	477357 *	10.27	335407 *	14.15
03 C0AW2	207707	7.53	813770	10.28	613829	14.14
04 DCZF0	211144	7.53	798066	10.27	606510	14.14
05 JNLH4	234324	7.53	931617	10.27	697439	14.13
06 JNLH5	192778	7.52	772503	10.26	580443	14.13
07 E28S0	281331	7.52	1.02439e	10.27	749102	14.13
08 SLCS701	211883	7.52	801224	10.26	575377	14.14
09 SLCS677	231074	7.53	957520	10.26	693199	14.13
10 SLCS639	245197	7.52	892635	10.26	664789	14.13
11 SLCS652	184395	7.53	704575	10.26	549519	14.14
12 SBLK701	215207	7.52	725691	10.27	525799	14.15
13 SBLK639	179389	7.52	681884	10.27	506471	14.14

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020759 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023526.D Time Analyzed: 14:39

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	194928	7.522	718499	10.26	561000	14.13
UPPER LIMIT	389856	8.022	1436998	10.763	1122000	14.634
LOWER LIMIT	97464	7.022	359249.5	9.763	280500	13.634
EPA SAMPLE NO.						
01 SBLK707	218502	7.46	782036	10.22	575767	14.12
02 E28Y6	207212	7.52	758404	10.26	586741	14.13
03 E28Y7	187384	7.52	749060	10.27	555267	14.13
04 E28Z3	230354	7.52	990068	10.27	745938	14.13
05 E28Y9	209923	7.52	877142	10.27	620856	14.14
06 E28Y9MS	262406	7.52	953500	10.26	702420	14.13
07 E28Y9MSD	220865	7.52	894858	10.26	687477	14.13
08 E28Z2	246415	7.52	910426	10.26	654802	14.13
09 E28Z4	215689	7.52	839509	10.26	641674	14.13
10 SLCS707	267365	7.52	1.0386e+	10.26	713302	14.13

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020760 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023537.D Time Analyzed: 22:43

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	248115	7.522	978489	10.26	708340	14.13
UPPER LIMIT	496230	8.022	1956978	10.763	1416680	14.628
LOWER LIMIT	124057.5	7.022	489244.5	9.763	354170	13.628
EPA SAMPLE NO.						
01 SBLK707	177539	7.52	674506	10.27	503006	14.13
02 E28Z9	275402	7.52	1.03866e	10.27	712099	14.15
03 E2903	235437	7.53	977536	10.26	814584	14.15
04 E28Z0	290125	7.52	1.13248e	10.26	841661	14.15
05 E28Z1	279742	7.52	1.1084e+	10.26	824057	14.13
06 E28Y8	315243	7.52	1.23972e	10.26	890962	14.13
07 E2901	236569	7.52	944631	10.26	701227	14.13
08 E2902	316561	7.52	1.23472e	10.26	888349	14.13
09 E28Z5	273516	7.52	1.07543e	10.26	806571	14.13
10 E28Z6	271458	7.52	1.08437e	10.26	847931	14.14
11 E28Z7	284746	7.52	1.10518e	10.27	800896	14.14
12 E28Z8	363163	7.52	1.40918e	10.27	976971	14.15
13 E2900	274340	7.52	1.07856e	10.26	813734	14.14

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 15:00

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	692931	16.975	799543	21.404	881129	24.598
	UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
	LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
	EPA SAMPLE NO.						
01	SBLK651	1.62516*	16.95	1.78077e+ *	21.39	1.79414e+ *	24.57
02	SBLK652	1.33452	16.96	1.48966e+	21.37	1.56841e+	24.56
03	C0AS8	1.55404*	16.95	1.64147e+ *	21.38	1.70776e+	24.56
04	C0AT0	1.55159*	16.95	1.69619e+ *	21.37	1.75741e+	24.55
05	C0AT1	1.41217*	16.95	1.55077e+	21.38	1.61397e+	24.56
06	C0AT2	1.49137*	16.95	1.61615e+ *	21.38	1.65527e+	24.55
07	C0AT3	1.1206e	16.96	1.36002e+	21.39	1.52756e+	24.55
08	C0AT5	1.46087*	16.95	1.58073e+	21.38	1.63982e+	24.56
09	C0AT6	1.40925*	16.95	1.4797e+0	21.38	1.53127e+	24.55
10	C0AT7	1.42294*	16.95	1.64096e+ *	21.39	1.74341e+	24.56
11	C0AT8	1.41723*	16.95	1.5412e+0	21.37	1.72728e+	24.55
12	C0AW0	1.44538*	16.95	1.58509e+	21.38	1.63988e+	24.55
13	C0AW1	1.35709	16.95	1.64221e+ *	21.38	1.65116e+	24.55
14	SLCS651	1.55394*	16.95	1.57815e+	21.37	1.66456e+	24.55
15	SBLK677	1.48773*	16.95	1.63826e+ *	21.38	1.6919e+0	24.54
16	SVOC-GPC2-BLANK	762483	16.95	912735	21.38	995156	24.54
17	C0AW2	1.46137*	16.95	1.67772e+ *	21.38	1.70779e+	24.55
18	DCZF0	1.36736	16.96	1.52982e+	21.37	1.62083e+	24.53
19	JNLH4	1.53839*	16.94	1.69064e+ *	21.38	1.79045e+ *	24.55
20	JNLH5	1.33402	16.95	1.47208e+	21.38	1.53691e+	24.56
21	E28S0	1.6353e*	16.94	1.65298e+ *	21.37	1.79029e+ *	24.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 06:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	692931	16.975	799543	21.404	881129	24.598
	UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
	LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
	EPA SAMPLE NO.						
22	SLCS701	1.2806e	16.95	1.41141e+	21.37	1.57732e+	24.54
23	SLCS677	1.46523*	16.94	1.55625e+	21.37	1.63997e+	24.55
24	SLCS639	1.52335*	16.94	1.55569e+	21.36	1.66516e+	24.53
25	SLCS652	1.31436	16.94	1.57174e+	21.37	1.71478e+	24.55
26	SBLK701	1.20718	16.95	1.36512e+	21.37	1.4214e+0	24.53
27	SBLK639	1.24223	16.95	1.57218e+	21.37	1.69019e+	24.54
28	SBLK707	1.33869	16.95	1.39694e+	21.39	1.43672e+	24.56
29	E28Y6	1.28839	16.94	1.41978e+	21.37	1.49328e+	24.54
30	E28Y7	1.27419	16.94	1.47756e+	21.36	1.50742e+	24.52
31	E28Z3	1.52744*	16.95	1.52783e+	21.37	1.63174e+	24.52
32	E28Y9	1.43062*	16.95	1.51732e+	21.37	1.58931e+	24.53
33	E28Y9MS	1.55116*	16.94	1.57716e+	21.36	1.6438e+0	24.53
34	E28Y9MSD	1.54748*	16.94	1.59447e+	21.36	1.69189e+	24.53
35	E28Z2	1.43081*	16.94	1.49143e+	21.38	1.54159e+	24.54
36	E28Z4	1.49987*	16.94	1.60037e+ *	21.37	1.66752e+	24.53
37	SLCS707	1.54346*	16.94	1.60093e+ *	21.37	1.6931e+0	24.53
38	SBLK707	1.27167	16.95	1.43983e+	21.37	1.53062e+	24.54
39	E28Z9	1.58777*	16.95	1.69197e+ *	21.39	1.87825e+ *	24.57
40	E2903	1.03225	17.00	934420	21.47	1.70791e+	24.66
41	E28Z0	1.86014*	16.95	1.82691e+ *	21.37	2.01326e+ *	24.53
42	E28Z1	1.91003*	16.94	1.95675e+ *	21.38	2.08845e+ *	24.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020637 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 02:05

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	692931	16.975	799543	21.404	881129	24.598
UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
EPA SAMPLE NO.						
43 E28Y8	1.95109*	16.95	1.87982e+ *	21.38	2.01936e+ *	24.53
44 E2901	1.6753e*	16.94	1.68623e+ *	21.38	1.87577e+ *	24.55
45 E2902	1.95694*	16.94	1.98224e+ *	21.39	2.11143e+ *	24.55
46 E28Z5	1.86368*	16.94	1.79381e+ *	21.36	1.95437e+ *	24.53
47 E28Z6	1.96527*	16.94	1.95574e+ *	21.37	2.0483e+0 *	24.54
48 E28Z7	1.66743*	16.95	1.69426e+ *	21.37	1.84707e+ *	24.54
49 E28Z8	1.91062*	16.95	1.95838e+ *	21.38	2.16165e+ *	24.56
50 E2900	1.8613e*	16.95	1.81853e+ *	21.37	1.98884e+ *	24.55

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020757 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BP023497.D Time Analyzed: 15:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.22498e+01	16.951	1.34626e+01	21.38	1.43891e+01	24.545
UPPER LIMIT	2449960	17.451	2692520	21.88	2877820	25.045
LOWER LIMIT	612490	16.451	673130	20.88	719455	24.045
EPA SAMPLE NO.						
01 SBLK651	1.62516	16.95	1.78077e+01	21.39	1.79414e+01	24.57
02 SBLK652	1.33452	16.96	1.48966e+01	21.37	1.56841e+01	24.56
03 COAS8	1.55404	16.95	1.64147e+01	21.38	1.70776e+01	24.56
04 COAT0	1.55159	16.95	1.69619e+01	21.37	1.75741e+01	24.55
05 COAT1	1.41217	16.95	1.55077e+01	21.38	1.61397e+01	24.56
06 COAT2	1.49137	16.95	1.61615e+01	21.38	1.65527e+01	24.55
07 COAT3	1.1206e	16.96	1.36002e+01	21.39	1.52756e+01	24.55
08 COAT5	1.46087	16.95	1.58073e+01	21.38	1.63982e+01	24.56
09 COAT6	1.40925	16.95	1.4797e+01	21.38	1.53127e+01	24.55
10 COAT7	1.42294	16.95	1.64096e+01	21.39	1.74341e+01	24.56
11 COAT8	1.41723	16.95	1.5412e+01	21.37	1.72728e+01	24.55
12 COAW0	1.44538	16.95	1.58509e+01	21.38	1.63988e+01	24.55
13 COAW1	1.35709	16.95	1.64221e+01	21.38	1.65116e+01	24.55
14 SLCS651	1.55394	16.95	1.57815e+01	21.37	1.66456e+01	24.55

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020758 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023512.D Time Analyzed: 01:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.48741e+01	16.951	1.59052e+01	21.374	1.65824e+01	24.545
UPPER LIMIT	2974820	17.451	3181040	21.874	3316480	25.045
LOWER LIMIT	743705	16.451	795260	20.874	829120	24.045
EPA SAMPLE NO.						
01 SBLK677	1.48773	16.95	1.63826e+01	21.38	1.6919e+01	24.54
02 SVOC-GPC2-BLANK	762483	16.95	912735	21.38	995156	24.54
03 C0AW2	1.46137	16.95	1.67772e+01	21.38	1.70779e+01	24.55
04 DCZF0	1.36736	16.96	1.52982e+01	21.37	1.62083e+01	24.53
05 JNLH4	1.53839	16.94	1.69064e+01	21.38	1.79045e+01	24.55
06 JNLH5	1.33402	16.95	1.47208e+01	21.38	1.53691e+01	24.56
07 E28S0	1.6353e	16.94	1.65298e+01	21.37	1.79029e+01	24.56
08 SLCS701	1.2806e	16.95	1.41141e+01	21.37	1.57732e+01	24.54
09 SLCS677	1.46523	16.94	1.55625e+01	21.37	1.63997e+01	24.55
10 SLCS639	1.52335	16.94	1.55569e+01	21.36	1.66516e+01	24.53
11 SLCS652	1.31436	16.94	1.57174e+01	21.37	1.71478e+01	24.55
12 SBLK701	1.20718	16.95	1.36512e+01	21.37	1.4214e+01	24.53
13 SBLK639	1.24223	16.95	1.57218e+01	21.37	1.69019e+01	24.54

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020759 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023526.D Time Analyzed: 14:39

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.32054e+01	16.939	1.64599e+	21.368	1.81717e+01	24.527
UPPER LIMIT	2641080	17.439	3291980	21.868	3634340	25.027
LOWER LIMIT	660270	16.439	822995	20.868	908585	24.027
EPA SAMPLE NO.						
01 SBLK707	1.33869	16.95	1.39694e+	21.39	1.43672e+	24.56
02 E28Y6	1.28839	16.94	1.41978e+	21.37	1.49328e+	24.54
03 E28Y7	1.27419	16.94	1.47756e+	21.36	1.50742e+	24.52
04 E28Z3	1.52744	16.95	1.52783e+	21.37	1.63174e+	24.52
05 E28Y9	1.43062	16.95	1.51732e+	21.37	1.58931e+	24.53
06 E28Y9MS	1.55116	16.94	1.57716e+	21.36	1.6438e+0	24.53
07 E28Y9MSD	1.54748	16.94	1.59447e+	21.36	1.69189e+	24.53
08 E28Z2	1.43081	16.94	1.49143e+	21.38	1.54159e+	24.54
09 E28Z4	1.49987	16.94	1.60037e+	21.37	1.66752e+	24.53
10 SLCS707	1.54346	16.94	1.60093e+	21.37	1.6931e+0	24.53

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.: BP121824 SAS No.: BP121824 SDG NO.: BP121824

EPA Sample No.: SSTD020760 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BP023537.D Time Analyzed: 22:43

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.55311e+01	16.933	1.62364e+01	21.369	1.70604e+01	24.539
UPPER LIMIT	3106220	17.433	3247280	21.869	3412080	25.039
LOWER LIMIT	776555	16.433	811820	20.869	853020	24.039
EPA SAMPLE NO.						
01 SBLK707	1.27167	16.95	1.43983e+01	21.37	1.53062e+01	24.54
02 E28Z9	1.58777	16.95	1.69197e+01	21.39	1.87825e+01	24.57
03 E2903	1.03225	17.00	934420	21.47	1.70791e+01	24.66
04 E28Z0	1.86014	16.95	1.82691e+01	21.37	2.01326e+01	24.53
05 E28Z1	1.91003	16.94	1.95675e+01	21.38	2.08845e+01	24.54
06 E28Y8	1.95109	16.95	1.87982e+01	21.38	2.01936e+01	24.53
07 E2901	1.6753e	16.94	1.68623e+01	21.38	1.87577e+01	24.55
08 E2902	1.95694	16.94	1.98224e+01	21.39	2.11143e+01	24.55
09 E28Z5	1.86368	16.94	1.79381e+01	21.36	1.95437e+01	24.53
10 E28Z6	1.96527	16.94	1.95574e+01	21.37	2.0483e+01	24.54
11 E28Z7	1.66743	16.95	1.69426e+01	21.37	1.84707e+01	24.54
12 E28Z8	1.91062	16.95	1.95838e+01	21.38	2.16165e+01	24.56
13 E2900	1.8613e	16.95	1.81853e+01	21.37	1.98884e+01	24.55

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.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165639BS	1,4-Dioxane	530	310	ug/Kg	58				0	0		
	Benzaldehyde	1300	150	ug/Kg	12				0	0		
	Pyridine	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	880	ug/Kg	68				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	900	ug/Kg	69				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	960	ug/Kg	74				0	0		
	Isophorone	1300	1000	ug/Kg	77				0	0		
	2-Nitrophenol	1300	990	ug/Kg	76				0	0		
	2,4-Dimethylphenol	1300	970	ug/Kg	75				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	930	ug/Kg	72				0	0		
	4-Chloroaniline	1300	610	ug/Kg	47				0	0		
	Hexachlorobutadiene	1300	760	ug/Kg	58				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	Hexachlorocyclopentadiene	1300	640	ug/Kg	49				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	910	ug/Kg	70				0	0		
	2-Chloronaphthalene	1300	900	ug/Kg	69				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	950	ug/Kg	73				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	940	ug/Kg	72				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	920	ug/Kg	71				0	0		
	2,4-Dinitrophenol	1300	930	ug/Kg	72				0	0		
	4-Nitrophenol	1300	900	ug/Kg	69				0	0		
	Dibenzofuran	1300	910	ug/Kg	70				0	0		
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0		
	Diethylphthalate	1300	940	ug/Kg	72				0	0		
	Fluorene	1300	890	ug/Kg	68				0	0		
	4-Chlorophenyl-phenylether	1300	830	ug/Kg	64				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165639BS	4,6-Dinitro-2-methylphenol	1300	980	ug/Kg	75				0	0	
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	840	ug/Kg	65				0	0	
	4-Bromophenyl-phenylether	1300	850	ug/Kg	65				0	0	
	Hexachlorobenzene	1300	790	ug/Kg	61				0	0	
	Atrazine	1300	960	ug/Kg	74				0	0	
	Pentachlorophenol	1300	890	ug/Kg	68				0	0	
	Phenanthrene	1300	970	ug/Kg	75				0	0	
	Pentachlorobenzene	1300	850	ug/Kg	65				0	0	
	Anthracene	1300	960	ug/Kg	74				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0	
	Carbazole	1300	1100	ug/Kg	85				0	0	
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluoranthene	1300	1000	ug/Kg	77				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0	
	3,3'-Dichlorobenzidine	1300	920	ug/Kg	71				0	0	
	Benzo(a)anthracene	1300	940	ug/Kg	72				0	0	
	Chrysene	1300	910	ug/Kg	70				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	960	ug/Kg	74				0	0	
	Benzo(k)fluoranthene	1300	910	ug/Kg	70				0	0	
	Benzo(a)pyrene	1300	930	ug/Kg	72				0	0	
	Indeno(1,2,3-cd)pyrene	1300	890	ug/Kg	68				0	0	
	Dibenzo(a,h)anthracene	1300	880	ug/Kg	68				0	0	
	Benzo(g,h,i)perylene	1300	920	ug/Kg	71				0	0	
	2,3,4,6-Tetrachlorophenol	1300	880	ug/Kg	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165651BS	1,4-Dioxane	16	9.3	ug/L	58				0	0	
	Benzaldehyde	40	5.1	ug/L	13				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	31	ug/L	78				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	30	ug/L	75				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	22	ug/L	55				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	25	ug/L	63				0	0	
	Hexachlorocyclopentadiene	40	19	ug/L	48				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	31	ug/L	78				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	25	ug/L	63				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	24	ug/L	60				0	0	
	4-Nitroaniline	40	37	ug/L	93				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165651BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	24	ug/L	60				0	0		
	4-Bromophenyl-phenylether	40	25	ug/L	63				0	0		
	Hexachlorobenzene	40	23	ug/L	58				0	0		
	Atrazine	40	28	ug/L	70				0	0		
	Pentachlorophenol	40	25	ug/L	63				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	30	ug/L	75				0	0		
	Pyrene	40	30	ug/L	75				0	0		
	Butylbenzylphthalate	40	33	ug/L	83				0	0		
	3,3'-Dichlorobenzidine	40	26	ug/L	65				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0		
	Di-n-octylphthalate	40	35	ug/L	88				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				0	0		
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0		
	Dibenzo(a,h)anthracene	40	27	ug/L	68				0	0		
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0		
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165652BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	5	ug/L	13				0	0	
	Pyridine	40	32	ug/L	80				0	0	
	Phenol	40	37	ug/L	93				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	19	ug/L	48				0	0	
	Hexachlorobutadiene	40	23	ug/L	58				0	0	
	Caprolactam	40	35	ug/L	88				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	18	ug/L	45				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	30	ug/L	75				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	25	ug/L	63				0	0	
	4-Nitroaniline	40	41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165652BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0		
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0		
	1,2,4,5-Tetrachlorobenzene	40	24	ug/L	60				0	0		
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0		
	Hexachlorobenzene	40	24	ug/L	60				0	0		
	Atrazine	40	30	ug/L	75				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	30	ug/L	75				0	0		
	Pentachlorobenzene	40	24	ug/L	60				0	0		
	Anthracene	40	30	ug/L	75				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	34	ug/L	85				0	0		
	Di-n-butylphthalate	40	33	ug/L	83				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	33	ug/L	83				0	0		
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0		
	Benzo(a)anthracene	40	29	ug/L	73				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0		
	Di-n-octylphthalate	40	34	ug/L	85				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	29	ug/L	73				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165677BS	1,4-Dioxane	16	9.5	ug/L	59				0	0	
	Benzaldehyde	40	4.7	ug/L	12				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	26	ug/L	65				0	0	
	Nitrobenzene	40	26	ug/L	65				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	27	ug/L	68				0	0	
	2,4-Dimethylphenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	30	ug/L	75				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	18	ug/L	45				0	0	
	Hexachlorobutadiene	40	22	ug/L	55				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	19	ug/L	48				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	32	ug/L	80				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	32	ug/L	80				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	25	ug/L	63				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	24	ug/L	60				0	0	
	4-Chlorophenyl-phenylether	40	23	ug/L	58				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165677BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	31	ug/L	78				0	0		
	1,2,4,5-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0		
	Hexachlorobenzene	40	24	ug/L	60				0	0		
	Atrazine	40	29	ug/L	73				0	0		
	Pentachlorophenol	40	26	ug/L	65				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	Carbazole	40	33	ug/L	83				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	30	ug/L	75				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	33	ug/L	83				0	0		
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0		
	Di-n-octylphthalate	40	35	ug/L	88				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	28	ug/L	70				0	0		
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0		
	Dibenzo(a,h)anthracene	40	27	ug/L	68				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165701BS	1,4-Dioxane	530	320	ug/Kg	60				0	0		
	Benzaldehyde	1300	140	ug/Kg	11				0	0		
	Pyridine	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	1000	ug/Kg	77				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	900	ug/Kg	69				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	910	ug/Kg	70				0	0		
	Hexachloroethane	1300	870	ug/Kg	67				0	0		
	Nitrobenzene	1300	930	ug/Kg	72				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	970	ug/Kg	75				0	0		
	2,4-Dimethylphenol	1300	920	ug/Kg	71				0	0		
	Bis(2-chloroethoxy)methane	1300	990	ug/Kg	76				0	0		
	2,4-Dichlorophenol	1300	930	ug/Kg	72				0	0		
	Naphthalene	1300	890	ug/Kg	68				0	0		
	4-Chloroaniline	1300	570	ug/Kg	44				0	0		
	Hexachlorobutadiene	1300	720	ug/Kg	55				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	940	ug/Kg	72				0	0		
	1-Methylnaphthalene	1300	850	ug/Kg	65				0	0		
	2-Methylnaphthalene	1300	860	ug/Kg	66				0	0		
	Hexachlorocyclopentadiene	1300	590	ug/Kg	45				0	0		
	2,4,6-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	2,4,5-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	1,1'-Biphenyl	1300	890	ug/Kg	68				0	0		
	2-Chloronaphthalene	1300	890	ug/Kg	68				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	900	ug/Kg	69				0	0		
	2,6-Dinitrotoluene	1300	970	ug/Kg	75				0	0		
	Acenaphthylene	1300	930	ug/Kg	72				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrophenol	1300	880	ug/Kg	68				0	0		
	4-Nitrophenol	1300	840	ug/Kg	65				0	0		
	Dibenzofuran	1300	850	ug/Kg	65				0	0		
	2,4-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Diethylphthalate	1300	880	ug/Kg	68				0	0		
	Fluorene	1300	860	ug/Kg	66				0	0		
	4-Chlorophenyl-phenylether	1300	790	ug/Kg	61				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165701BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0		
	N-Nitrosodiphenylamine	1300	970	ug/Kg	75				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	820	ug/Kg	63				0	0		
	4-Bromophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	Hexachlorobenzene	1300	780	ug/Kg	60				0	0		
	Atrazine	1300	920	ug/Kg	71				0	0		
	Pentachlorophenol	1300	840	ug/Kg	65				0	0		
	Phenanthrene	1300	940	ug/Kg	72				0	0		
	Pentachlorobenzene	1300	850	ug/Kg	65				0	0		
	Anthracene	1300	940	ug/Kg	72				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	960	ug/Kg	74				0	0		
	Pyrene	1300	940	ug/Kg	72				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	900	ug/Kg	69				0	0		
	Benzo(a)anthracene	1300	910	ug/Kg	70				0	0		
	Chrysene	1300	900	ug/Kg	69				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	900	ug/Kg	69				0	0		
	Benzo(k)fluoranthene	1300	870	ug/Kg	67				0	0		
	Benzo(a)pyrene	1300	910	ug/Kg	70				0	0		
	Indeno(1,2,3-cd)pyrene	1300	900	ug/Kg	69				0	0		
	Dibenzo(a,h)anthracene	1300	900	ug/Kg	69				0	0		
	Benzo(g,h,i)perylene	1300	930	ug/Kg	72				0	0		
	2,3,4,6-Tetrachlorophenol	1300	830	ug/Kg	64				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165707BS	1,4-Dioxane	530	310	ug/Kg	58				0	0	
	Benzaldehyde	1300	830	ug/Kg	64				0	0	
	Pyridine	1300	940	ug/Kg	72				0	0	
	Phenol	1300	1100	ug/Kg	85				0	0	
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0	
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0	
	2-Methylphenol	1300	1100	ug/Kg	85				0	0	
	2,2-oxybis(1-Chloropropane)	1300	1100	ug/Kg	85				0	0	
	Acetophenone	1300	1000	ug/Kg	77				0	0	
	4-Methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0	
	Hexachloroethane	1300	970	ug/Kg	75				0	0	
	Nitrobenzene	1300	1000	ug/Kg	77				0	0	
	Isophorone	1300	1100	ug/Kg	85				0	0	
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	2,4-Dimethylphenol	1300	810	ug/Kg	62				0	0	
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0	
	2,4-Dichlorophenol	1300	980	ug/Kg	75				0	0	
	Naphthalene	1300	980	ug/Kg	75				0	0	
	4-Chloroaniline	1300	830	ug/Kg	64				0	0	
	Hexachlorobutadiene	1300	790	ug/Kg	61				0	0	
	Caprolactam	1300	1100	ug/Kg	85				0	0	
	4-Chloro-3-methylphenol	1300	960	ug/Kg	74				0	0	
	1-Methylnaphthalene	1300	870	ug/Kg	67				0	0	
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0	
	Hexachlorocyclopentadiene	1300	580	ug/Kg	45				0	0	
	2,4,6-Trichlorophenol	1300	960	ug/Kg	74				0	0	
	2,4,5-Trichlorophenol	1300	980	ug/Kg	75				0	0	
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0	
	Dimethylphthalate	1300	980	ug/Kg	75				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Acenaphthene	1300	970	ug/Kg	75				0	0	
	2,4-Dinitrophenol	1300	900	ug/Kg	69				0	0	
	4-Nitrophenol	1300	940	ug/Kg	72				0	0	
	Dibenzofuran	1300	950	ug/Kg	73				0	0	
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0	
	Diethylphthalate	1300	990	ug/Kg	76				0	0	
	Fluorene	1300	960	ug/Kg	74				0	0	
	4-Chlorophenyl-phenylether	1300	870	ug/Kg	67				0	0	
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165707BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	900	ug/Kg	69				0	0		
	4-Bromophenyl-phenylether	1300	960	ug/Kg	74				0	0		
	Hexachlorobenzene	1300	880	ug/Kg	68				0	0		
	Atrazine	1300	410	ug/Kg	32				0	0		
	Pentachlorophenol	1300	810	ug/Kg	62				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	930	ug/Kg	72				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1200	ug/Kg	92				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	960	ug/Kg	74				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	990	ug/Kg	76				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1200	ug/Kg	92				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	800	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK639

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023525.D

Lab Sample ID: PB165639BL

Instrument ID: BNA_P

Date Extracted: 12/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 09:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
JNLH4	P5257-01	BP023517.D	12/19/2024
JNLH5	P5257-02	BP023518.D	12/19/2024
PB165639BS	PB165639BS	BP023522.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK651

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023498.D

Lab Sample ID: PB165651BL

Instrument ID: BNA_P

Date Extracted: 12/16/2024

Matrix: (soil/water) water

Date Analyzed: 12/18/2024

Level: (low/med) LOW

Time Analyzed: 15:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165651BS	PB165651BS	BP023511.D	12/18/2024
C0AS8	P5235-01	BP023500.D	12/18/2024
C0AT0	P5235-02	BP023501.D	12/18/2024
C0AT1	P5235-03	BP023502.D	12/18/2024
C0AT2	P5235-04	BP023503.D	12/18/2024
C0AT3	P5235-05	BP023504.D	12/18/2024
C0AT5	P5235-06	BP023505.D	12/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK652

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023499.D

Lab Sample ID: PB165652BL

Instrument ID: BNA_P

Date Extracted: 12/16/2024

Matrix: (soil/water) water

Date Analyzed: 12/18/2024

Level: (low/med) LOW

Time Analyzed: 15:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AT6	P5235-07	BP023506.D	12/18/2024
C0AT7	P5235-08	BP023507.D	12/18/2024
C0AT8	P5235-09	BP023508.D	12/18/2024
C0AW0	P5235-10	BP023509.D	12/18/2024
C0AW1	P5235-11	BP023510.D	12/18/2024
PB165652BS	PB165652BS	BP023523.D	12/19/2024
C0AW2	P5235-12	BP023515.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023514.D

Lab Sample ID: P5288-10

Instrument ID: BNA_P

Date Extracted: 12/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 02:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P5288-10	BP023514.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK677

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023513.D

Lab Sample ID: PB165677BL

Instrument ID: BNA_P

Date Extracted: 12/16/2024

Matrix: (soil/water) water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 01:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165677BS	PB165677BS	BP023521.D	12/19/2024
DCZF0	P5263-01	BP023516.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK701

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023524.D

Lab Sample ID: PB165701BL

Instrument ID: BNA_P

Date Extracted: 12/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 09:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28S0	P5232-06	BP023519.D	12/19/2024
PB165701BS	PB165701BS	BP023520.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK707

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121824

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023527.D

Lab Sample ID: PB165707BL

Instrument ID: BNA_P

Date Extracted: 12/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 14:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28Z9	P5265-14	BP023539.D	12/19/2024
E2903	P5265-18	BP023540.D	12/20/2024
E28Z0	P5265-05	BP023541.D	12/20/2024
E28Z1	P5265-06	BP023542.D	12/20/2024
E28Y8	P5265-03	BP023543.D	12/20/2024
E2901	P5265-16	BP023544.D	12/20/2024
E2902	P5265-17	BP023545.D	12/20/2024
E28Z5	P5265-10	BP023546.D	12/20/2024
E28Z6	P5265-11	BP023547.D	12/20/2024
E28Z7	P5265-12	BP023548.D	12/20/2024
E28Z8	P5265-13	BP023549.D	12/20/2024
E2900	P5265-15	BP023550.D	12/20/2024
E28Y6	P5265-01	BP023528.D	12/19/2024
E28Y7	P5265-02	BP023529.D	12/19/2024
E28Z3	P5265-08	BP023530.D	12/19/2024
E28Y9	P5265-04	BP023531.D	12/19/2024
E28Y9MS	P5265-20MS	BP023532.D	12/19/2024
E28Y9MSD	P5265-21MSD	BP023533.D	12/19/2024
E28Z2	P5265-07	BP023534.D	12/19/2024
E28Z4	P5265-09	BP023535.D	12/19/2024
PB165707BS	PB165707BS	BP023536.D	12/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5265-20MS	Client Sample ID:	E28Y9MS				DataFile:	BP023532.D			
1,4-Dioxane	670		240	ug/Kg	36				15	120	
Benzaldehyde	1700		84	ug/Kg	5				0	0	
Pyridine	1700		650	ug/Kg	38				0	0	
Phenol	1700	86	910	ug/Kg	48				26	90	
Bis(2-chloroethyl)ether	1700		870	ug/Kg	51				0	0	
2-Chlorophenol	1700		800	ug/Kg	47				25	102	
2-Methylphenol	1700		940	ug/Kg	55				0	0	
2,2-oxybis(1-Chloropropane)	1700		970	ug/Kg	57				0	0	
Acetophenone	1700		860	ug/Kg	51				0	0	
4-Methylphenol	1700		930	ug/Kg	55				0	0	
N-Nitroso-di-n-propylamine	1700		870	ug/Kg	51				41	126	
Hexachloroethane	1700		670	ug/Kg	39				0	0	
Nitrobenzene	1700		910	ug/Kg	54				0	0	
Isophorone	1700		940	ug/Kg	55				0	0	
2-Nitrophenol	1700		920	ug/Kg	54				0	0	
2,4-Dimethylphenol	1700		840	ug/Kg	49				0	0	
Bis(2-chloroethoxy)methane	1700		960	ug/Kg	56				0	0	
2,4-Dichlorophenol	1700		860	ug/Kg	51				0	0	
Naphthalene	1700		800	ug/Kg	47				0	0	
4-Chloroaniline	1700		530	ug/Kg	31				0	0	
Hexachlorobutadiene	1700		560	ug/Kg	33				0	0	
Caprolactam	1700		770	ug/Kg	45				0	0	
4-Chloro-3-methylphenol	1700		890	ug/Kg	52				26	103	
1-Methylnaphthalene	1700		750	ug/Kg	44				0	0	
2-Methylnaphthalene	1700		760	ug/Kg	45				0	0	
Hexachlorocyclopentadiene	1700		310	ug/Kg	18				0	0	
2,4,6-Trichlorophenol	1700		880	ug/Kg	52				0	0	
2,4,5-Trichlorophenol	1700		860	ug/Kg	51				0	0	
1,1'-Biphenyl	1700		770	ug/Kg	45				0	0	
2-Chloronaphthalene	1700		760	ug/Kg	45				0	0	
2-Nitroaniline	1700		940	ug/Kg	55				0	0	
Dimethylphthalate	1700		840	ug/Kg	49				0	0	
2,6-Dinitrotoluene	1700		880	ug/Kg	52				0	0	
Acenaphthylene	1700		800	ug/Kg	47				0	0	
3-Nitroaniline	1700		910	ug/Kg	54				0	0	
Acenaphthene	1700		770	ug/Kg	45				31	137	
2,4-Dinitrophenol	1700		85	ug/Kg	5				0	0	
4-Nitrophenol	1700		660	ug/Kg	39				11	114	
Dibenzofuran	1700		740	ug/Kg	44				0	0	
2,4-Dinitrotoluene	1700		800	ug/Kg	47				28	89	
Diethylphthalate	1700		800	ug/Kg	47				0	0	
Fluorene	1700		730	ug/Kg	43				0	0	
4-Chlorophenyl-phenylether	1700		650	ug/Kg	38				0	0	
4-Nitroaniline	1700		1000	ug/Kg	59				0	0	
4,6-Dinitro-2-methylphenol	1700		620	ug/Kg	36				0	0	
N-Nitrosodiphenylamine	1700		900	ug/Kg	53				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		690	ug/Kg	41				0	0	
4-Bromophenyl-phenylether	1700		690	ug/Kg	41				0	0	
Hexachlorobenzene	1700		640	ug/Kg	38				0	0	
Atrazine	1700		900	ug/Kg	53				0	0	
Pentachlorophenol	1700		550	ug/Kg	32				17	109	
Phenanthrene	1700		830	ug/Kg	49				0	0	
Pentachlorobenzene	1700		700	ug/Kg	41				0	0	
Anthracene	1700		790	ug/Kg	46				0	0	
1,2,3,4-Tetrachlorobenzene	1700		800	ug/Kg	47				0	0	
Carbazole	1700		970	ug/Kg	57				0	0	
Di-n-butylphthalate	1700		830	ug/Kg	49				0	0	
Fluoranthene	1700	0	890	ug/Kg	52				0	0	
Pyrene	1700	0	840	ug/Kg	49				35	142	
Butylbenzylphthalate	1700		890	ug/Kg	52				0	0	
3,3'-Dichlorobenzidine	1700		490	ug/Kg	29				0	0	
Benzo(a)anthracene	1700		750	ug/Kg	44				0	0	
Chrysene	1700		730	ug/Kg	43				0	0	
Bis(2-ethylhexyl)phthalate	1700		870	ug/Kg	51				0	0	
Di-n-octylphthalate	1700		920	ug/Kg	54				0	0	
Benzo(b)fluoranthene	1700		740	ug/Kg	44				0	0	
Benzo(k)fluoranthene	1700		710	ug/Kg	42				0	0	
Benzo(a)pyrene	1700		720	ug/Kg	42				0	0	
Indeno(1,2,3-cd)pyrene	1700		680	ug/Kg	40				0	0	
Dibenzo(a,h)anthracene	1700		670	ug/Kg	39				0	0	
Benzo(g,h,i)perylene	1700		680	ug/Kg	40				0	0	
2,3,4,6-Tetrachlorophenol	1700		730	ug/Kg	43				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5265-21MSD	Client Sample ID:	E28Y9MSD					DataFile:	BP023533.D		
1,4-Dioxane	670		240	ug/Kg	36		0		15	120	50
Benzaldehyde	1700		100	ug/Kg	6		18	*	0	0	0
Pyridine	1700		650	ug/Kg	38		0		0	0	0
Phenol	1700	86	950	ug/Kg	51		6		26	90	35
Bis(2-chloroethyl)ether	1700		880	ug/Kg	52		2	*	0	0	0
2-Chlorophenol	1700		840	ug/Kg	49		4		25	102	50
2-Methylphenol	1700		880	ug/Kg	52		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		900	ug/Kg	53		7	*	0	0	0
Acetophenone	1700		830	ug/Kg	49		4	*	0	0	0
4-Methylphenol	1700		890	ug/Kg	52		6	*	0	0	0
N-Nitroso-di-n-propylamine	1700		840	ug/Kg	49		4		41	126	38
Hexachloroethane	1700		620	ug/Kg	36		8	*	0	0	0
Nitrobenzene	1700		780	ug/Kg	46		16	*	0	0	0
Isophorone	1700		870	ug/Kg	51		8	*	0	0	0
2-Nitrophenol	1700		830	ug/Kg	49		10	*	0	0	0
2,4-Dimethylphenol	1700		770	ug/Kg	45		9	*	0	0	0
Bis(2-chloroethoxy)methane	1700		890	ug/Kg	52		7	*	0	0	0
2,4-Dichlorophenol	1700		800	ug/Kg	47		8	*	0	0	0
Naphthalene	1700		740	ug/Kg	44		7	*	0	0	0
4-Chloroaniline	1700		510	ug/Kg	30		3	*	0	0	0
Hexachlorobutadiene	1700		490	ug/Kg	29		13	*	0	0	0
Caprolactam	1700		770	ug/Kg	45		0		0	0	0
4-Chloro-3-methylphenol	1700		850	ug/Kg	50		4		26	103	33
1-Methylnaphthalene	1700		710	ug/Kg	42		5	*	0	0	0
2-Methylnaphthalene	1700		710	ug/Kg	42		7	*	0	0	0
Hexachlorocyclopentadiene	1700		270	ug/Kg	16		12	*	0	0	0
2,4,6-Trichlorophenol	1700		870	ug/Kg	51		2	*	0	0	0
2,4,5-Trichlorophenol	1700		830	ug/Kg	49		4	*	0	0	0
1,1'-Biphenyl	1700		730	ug/Kg	43		5	*	0	0	0
2-Chloronaphthalene	1700		740	ug/Kg	44		2	*	0	0	0
2-Nitroaniline	1700		890	ug/Kg	52		6	*	0	0	0
Dimethylphthalate	1700		800	ug/Kg	47		4	*	0	0	0
2,6-Dinitrotoluene	1700		830	ug/Kg	49		6	*	0	0	0
Acenaphthylene	1700		750	ug/Kg	44		7	*	0	0	0
3-Nitroaniline	1700		870	ug/Kg	51		6	*	0	0	0
Acenaphthene	1700		720	ug/Kg	42		7		31	137	19
2,4-Dinitrophenol	1700		81	ug/Kg	5		0		0	0	0
4-Nitrophenol	1700		630	ug/Kg	37		5		11	114	50
Dibenzofuran	1700		700	ug/Kg	41		7	*	0	0	0
2,4-Dinitrotoluene	1700		760	ug/Kg	45		4		28	89	47
Diethylphthalate	1700		750	ug/Kg	44		7	*	0	0	0
Fluorene	1700		680	ug/Kg	40		7	*	0	0	0
4-Chlorophenyl-phenylether	1700		600	ug/Kg	35		8	*	0	0	0
4-Nitroaniline	1700		1000	ug/Kg	59		0		0	0	0
4,6-Dinitro-2-methylphenol	1700		590	ug/Kg	35		3	*	0	0	0
N-Nitrosodiphenylamine	1700		830	ug/Kg	49		8	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		630	ug/Kg	37	10	*		0	0	0
4-Bromophenyl-phenylether	1700		650	ug/Kg	38	8	*		0	0	0
Hexachlorobenzene	1700		600	ug/Kg	35	8	*		0	0	0
Atrazine	1700		860	ug/Kg	51	4	*		0	0	0
Pentachlorophenol	1700		530	ug/Kg	31	3			17	109	47
Phenanthrene	1700		790	ug/Kg	46	6	*		0	0	0
Pentachlorobenzene	1700		650	ug/Kg	38	8	*		0	0	0
Anthracene	1700		750	ug/Kg	44	4	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		740	ug/Kg	44	7	*		0	0	0
Carbazole	1700		920	ug/Kg	54	5	*		0	0	0
Di-n-butylphthalate	1700		770	ug/Kg	45	9	*		0	0	0
Fluoranthene	1700	0	840	ug/Kg	49	6	*		0	0	0
Pyrene	1700	0	790	ug/Kg	46	6			35	142	36
Butylbenzylphthalate	1700		830	ug/Kg	49	6	*		0	0	0
3,3'-Dichlorobenzidine	1700		470	ug/Kg	28	4	*		0	0	0
Benzo(a)anthracene	1700		700	ug/Kg	41	7	*		0	0	0
Chrysene	1700		680	ug/Kg	40	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		820	ug/Kg	48	6	*		0	0	0
Di-n-octylphthalate	1700		840	ug/Kg	49	10	*		0	0	0
Benzo(b)fluoranthene	1700		680	ug/Kg	40	10	*		0	0	0
Benzo(k)fluoranthene	1700		650	ug/Kg	38	10	*		0	0	0
Benzo(a)pyrene	1700		670	ug/Kg	39	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700		630	ug/Kg	37	8	*		0	0	0
Dibenzo(a,h)anthracene	1700		620	ug/Kg	36	8	*		0	0	0
Benzo(g,h,i)perylene	1700		630	ug/Kg	37	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		690	ug/Kg	41	5	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5257-01	JNLH4	BP023517.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	15.40	38		20	120
			Phenol-d5	40	19.23	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.65	54		10	150
			2-Chlorophenol-d4	40	18.71	47		15	120
			4-Methylphenol-d8	40	20.26	51		10	140
			Nitrobenzene-d5	40	18.28	46		10	135
			2-Nitrophenol-d4	40	16.05	40		10	120
			2,4-Dichlorophenol-d3	40	15.77	39		10	140
			4-Chloroaniline-d4	40	17.52	44		1	145
			Dimethylphthalate-d6	40	18.97	47		10	145
			Acenaphthylene-d8	40	16.68	42		15	120
			4-Nitrophenol-d4	40	17.55	44		10	150
			Fluorene-d10	40	15.70	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.44	16		10	130
			Anthracene-d10	40	16.55	41		10	150
			Pyrene-d10	40	15.81	40		10	130
			Benzo(a)pyrene-d12	40	13.51	34		10	140
P5257-02	JNLH5	BP023518.D	1,4-Dioxane-d8	8	5.55	69		15	120
			Pyridine-d5	40	32.58	81		20	120
			Phenol-d5	40	37.54	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.71	94		10	150
			2-Chlorophenol-d4	40	34.64	87		15	120
			4-Methylphenol-d8	40	36.28	91		10	140
			Nitrobenzene-d5	40	36.41	91		10	135
			2-Nitrophenol-d4	40	31.56	79		10	120
			2,4-Dichlorophenol-d3	40	30.59	76		10	140
			4-Chloroaniline-d4	40	34.61	87		1	145
			Dimethylphthalate-d6	40	32.52	81		10	145
			Acenaphthylene-d8	40	31.03	78		15	120
			4-Nitrophenol-d4	40	36.62	92		10	150
			Fluorene-d10	40	28.72	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.54	41		10	130
			Anthracene-d10	40	30.46	76		10	150
			Pyrene-d10	40	28.49	71		10	130
			Benzo(a)pyrene-d12	40	24.81	62		10	140
PB165639BL	PB165639BL	BP023525.D	1,4-Dioxane-d8	8	5.39	67		15	120
			Pyridine-d5	40	31.08	78		20	120
			Phenol-d5	40	33.02	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.25	81		10	150
			2-Chlorophenol-d4	40	31.36	78		15	120
			4-Methylphenol-d8	40	29.67	74		10	140
			Nitrobenzene-d5	40	27.29	68		10	135
			2-Nitrophenol-d4	40	27.79	69		10	120
			2,4-Dichlorophenol-d3	40	25.00	63		10	140
			4-Chloroaniline-d4	40	27.03	68		1	145
			Dimethylphthalate-d6	40	27.56	69		10	145
			Acenaphthylene-d8	40	26.35	66		15	120
			4-Nitrophenol-d4	40	31.72	79		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165639BL	PB165639BL	BP023525.D	Fluorene-d10	40	26.34	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.41	54		10	130
			Anthracene-d10	40	28.40	71		10	150
			Pyrene-d10	40	26.39	66		10	130
			Benzo(a)pyrene-d12	40	26.48	66		10	140
PB165639BS	PB165639BS	BP023522.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	29.76	74		20	120
			Phenol-d5	40	33.47	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.16	78		10	150
			2-Chlorophenol-d4	40	31.75	79		15	120
			4-Methylphenol-d8	40	29.38	73		10	140
			Nitrobenzene-d5	40	29.53	74		10	135
			2-Nitrophenol-d4	40	29.16	73		10	120
			2,4-Dichlorophenol-d3	40	29.15	73		10	140
			4-Chloroaniline-d4	40	26.89	67		1	145
			Dimethylphthalate-d6	40	27.56	69		10	145
			Acenaphthylene-d8	40	27.69	69		15	120
			4-Nitrophenol-d4	40	28.38	71		10	150
			Fluorene-d10	40	26.00	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.28	71		10	130
			Anthracene-d10	40	27.77	69		10	150
			Pyrene-d10	40	29.40	74		10	130
			Benzo(a)pyrene-d12	40	26.56	66		10	140

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-01	C0AS8	BP023500.D	1,4-Dioxane-d8	80	37.83	47		15	120
			Pyridine-d5	400	66.54	16	*	20	120
			Phenol-d5	400	98.05	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	343.42	85		25	120
			2-Chlorophenol-d4	400	289.13	72		20	130
			4-Methylphenol-d8	400	211.06	52		25	125
			Nitrobenzene-d5	400	307.90	77		20	125
			2-Nitrophenol-d4	400	322.80	80		20	130
			2,4-Dichlorophenol-d3	400	286.14	71		20	120
			4-Chloroaniline-d4	400	249.44	62		1	146
			Dimethylphthalate-d6	400	326.63	81		25	130
			Acenaphthylene-d8	400	273.69	68		10	130
			4-Nitrophenol-d4	400	109.52	27		10	150
			Fluorene-d10	400	298.52	74		25	125
			4,6-Dinitro-2-methylphenol-d2	400	321.71	80		10	130
			Anthracene-d10	400	359.44	89		25	130
			Pyrene-d10	400	359.52	89		15	130
			Benzo(a)pyrene-d12	400	346.73	86		20	130
P5235-02	C0AT0	BP023501.D	1,4-Dioxane-d8	80	42.46	53		15	120
			Pyridine-d5	400	48.46	12	*	20	120
			Phenol-d5	400	86.11	21		10	130
			Bis(2-Chloroethyl)ether-d8	400	292.97	73		25	120
			2-Chlorophenol-d4	400	248.79	62		20	130
			4-Methylphenol-d8	400	193.38	48		25	125
			Nitrobenzene-d5	400	271.31	67		20	125
			2-Nitrophenol-d4	400	286.03	71		20	130
			2,4-Dichlorophenol-d3	400	255.40	63		20	120
			4-Chloroaniline-d4	400	246.13	61		1	146
			Dimethylphthalate-d6	400	300.47	75		25	130
			Acenaphthylene-d8	400	249.85	62		10	130
			4-Nitrophenol-d4	400	97.54	24		10	150
			Fluorene-d10	400	274.83	68		25	125
			4,6-Dinitro-2-methylphenol-d2	400	312.60	78		10	130
			Anthracene-d10	400	344.31	86		25	130
			Pyrene-d10	400	343.86	86		15	130
			Benzo(a)pyrene-d12	400	332.74	83		20	130
P5235-03	C0AT1	BP023502.D	1,4-Dioxane-d8	80	40.69	50		15	120
			Pyridine-d5	400	83.23	20		20	120
			Phenol-d5	400	101.91	25		10	130
			Bis(2-Chloroethyl)ether-d8	400	357.20	89		25	120
			2-Chlorophenol-d4	400	300.05	75		20	130
			4-Methylphenol-d8	400	210.67	52		25	125
			Nitrobenzene-d5	400	318.30	79		20	125
			2-Nitrophenol-d4	400	333.79	83		20	130
			2,4-Dichlorophenol-d3	400	291.40	72		20	120
			4-Chloroaniline-d4	400	252.47	63		1	146
			Dimethylphthalate-d6	400	324.06	81		25	130
			Acenaphthylene-d8	400	283.69	70		10	130
			4-Nitrophenol-d4	400	109.71	27		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-03	C0AT1	BP023502.D	Fluorene-d10	400	300.70	75		25	125
			4,6-Dinitro-2-methylphenol-d2	400	330.16	82		10	130
			Anthracene-d10	400	372.35	93		25	130
			Pyrene-d10	400	358.89	89		15	130
			Benzo(a)pyrene-d12	400	351.16	87		20	130
P5235-04	C0AT2	BP023503.D	1,4-Dioxane-d8	80	40.50	50		15	120
			Pyridine-d5	400	81.96	20		20	120
			Phenol-d5	400	85.56	21		10	130
			Bis(2-Chloroethyl)ether-d8	400	293.10	73		25	120
			2-Chlorophenol-d4	400	249.04	62		20	130
			4-Methylphenol-d8	400	200.03	50		25	125
			Nitrobenzene-d5	400	286.85	71		20	125
			2-Nitrophenol-d4	400	301.39	75		20	130
			2,4-Dichlorophenol-d3	400	258.92	64		20	120
			4-Chloroaniline-d4	400	232.38	58		1	146
			Dimethylphthalate-d6	400	307.20	76		25	130
			Acenaphthylene-d8	400	250.52	62		10	130
			4-Nitrophenol-d4	400	112.43	28		10	150
			Fluorene-d10	400	278.28	69		25	125
			4,6-Dinitro-2-methylphenol-d2	400	309.33	77		10	130
			Anthracene-d10	400	358.04	89		25	130
			Pyrene-d10	400	354.23	88		15	130
			Benzo(a)pyrene-d12	400	330.53	82		20	130
			1,4-Dioxane-d8	80	40.85	51	*	15	120
			Pyridine-d5	400	77.38	19		20	120
P5235-05	C0AT3	BP023504.D	Phenol-d5	400	98.79	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	360.32	90		25	120
			2-Chlorophenol-d4	400	302.83	75		20	130
			4-Methylphenol-d8	400	212.70	53		25	125
			Nitrobenzene-d5	400	329.29	82		20	125
			2-Nitrophenol-d4	400	344.62	86		20	130
			2,4-Dichlorophenol-d3	400	295.25	73		20	120
			4-Chloroaniline-d4	400	263.31	65		1	146
			Dimethylphthalate-d6	400	337.11	84		25	130
			Acenaphthylene-d8	400	297.39	74		10	130
			4-Nitrophenol-d4	400	110.69	27		10	150
			Fluorene-d10	400	306.96	76		25	125
			4,6-Dinitro-2-methylphenol-d2	400	324.71	81		10	130
			Anthracene-d10	400	390.24	97		25	130
			Pyrene-d10	400	358.61	89		15	130
			Benzo(a)pyrene-d12	400	373.75	93		20	130
			1,4-Dioxane-d8	80	47.53	59		15	120
			Pyridine-d5	400	109.11	27		20	120
			Phenol-d5	400	95.95	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	381.19	95		25	120
P5235-06	C0AT5	BP023505.D	2-Chlorophenol-d4	400	311.34	77		20	130
			4-Methylphenol-d8	400	221.29	55		25	125
			Nitrobenzene-d5	400	345.01	86		20	125
			2-Nitrophenol-d4	400	359.43	89		20	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-06	C0AT5	BP023505.D	2,4-Dichlorophenol-d3	400	309.81	77		20	120
			4-Chloroaniline-d4	400	266.16	66		1	146
			Dimethylphthalate-d6	400	347.92	87		25	130
			Acenaphthylene-d8	400	311.03	77		10	130
			4-Nitrophenol-d4	400	106.98	26		10	150
			Fluorene-d10	400	312.00	78		25	125
			4,6-Dinitro-2-methylphenol-d2	400	331.01	82		10	130
			Anthracene-d10	400	377.34	94		25	130
			Pyrene-d10	400	376.60	94		15	130
			Benzo(a)pyrene-d12	400	360.18	90		20	130
PB165651BL	PB165651BL	BP023498.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	26.27	66		20	120
			Phenol-d5	40	26.61	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.34	66		25	120
			2-Chlorophenol-d4	40	25.85	65		20	130
			4-Methylphenol-d8	40	25.04	63		25	125
			Nitrobenzene-d5	40	24.09	60		20	125
			2-Nitrophenol-d4	40	24.99	62		20	130
			2,4-Dichlorophenol-d3	40	22.50	56		20	120
			4-Chloroaniline-d4	40	25.59	64		1	146
			Dimethylphthalate-d6	40	26.31	66		25	130
			Acenaphthylene-d8	40	25.59	64		10	130
			4-Nitrophenol-d4	40	28.99	72		10	150
			Fluorene-d10	40	24.57	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.98	57		10	130
			Anthracene-d10	40	26.84	67		25	130
			Pyrene-d10	40	25.84	65		15	130
			Benzo(a)pyrene-d12	40	25.11	63		20	130
PB165651BS	PB165651BS	BP023511.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	30.77	77		20	120
			Phenol-d5	40	31.43	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.33	76		25	120
			2-Chlorophenol-d4	40	30.09	75		20	130
			4-Methylphenol-d8	40	29.54	74		25	125
			Nitrobenzene-d5	40	30.11	75		20	125
			2-Nitrophenol-d4	40	28.79	72		20	130
			2,4-Dichlorophenol-d3	40	28.57	71		20	120
			4-Chloroaniline-d4	40	25.70	64		1	146
			Dimethylphthalate-d6	40	27.13	68		25	130
			Acenaphthylene-d8	40	27.15	68		10	130
			4-Nitrophenol-d4	40	29.33	73		10	150
			Fluorene-d10	40	25.70	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.02	68		10	130
			Anthracene-d10	40	27.76	69		25	130
			Pyrene-d10	40	28.69	72		15	130
			Benzo(a)pyrene-d12	40	26.36	66		20	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-07	C0AT6	BP023506.D	1,4-Dioxane-d8	80	41.47	51		15	120
			Pyridine-d5	400	94.14	23		20	120
			Phenol-d5	400	90.72	22		10	130
			Bis(2-Chloroethyl)ether-d8	400	339.73	84		25	120
			2-Chlorophenol-d4	400	280.29	70		20	130
			4-Methylphenol-d8	400	201.23	50		25	125
			Nitrobenzene-d5	400	309.35	77		20	125
			2-Nitrophenol-d4	400	314.92	78		20	130
			2,4-Dichlorophenol-d3	400	277.11	69		20	120
			4-Chloroaniline-d4	400	254.55	63		1	146
			Dimethylphthalate-d6	400	321.43	80		25	130
			Acenaphthylene-d8	400	286.56	71		10	130
			4-Nitrophenol-d4	400	99.78	24		10	150
			Fluorene-d10	400	301.65	75		25	125
			4,6-Dinitro-2-methylphenol-d2	400	310.53	77		10	130
			Anthracene-d10	400	353.18	88		25	130
			Pyrene-d10	400	364.68	91		15	130
			Benzo(a)pyrene-d12	400	343.73	85		20	130
P5235-08	C0AT7	BP023507.D	1,4-Dioxane-d8	80	42.29	52		15	120
			Pyridine-d5	400	89.98	22		20	120
			Phenol-d5	400	88.23	22		10	130
			Bis(2-Chloroethyl)ether-d8	400	320.95	80		25	120
			2-Chlorophenol-d4	400	268.25	67		20	130
			4-Methylphenol-d8	400	198.75	49		25	125
			Nitrobenzene-d5	400	300.73	75		20	125
			2-Nitrophenol-d4	400	313.56	78		20	130
			2,4-Dichlorophenol-d3	400	272.38	68		20	120
			4-Chloroaniline-d4	400	256.55	64		1	146
			Dimethylphthalate-d6	400	311.53	77		25	130
			Acenaphthylene-d8	400	291.86	73		10	130
			4-Nitrophenol-d4	400	107.08	26		10	150
			Fluorene-d10	400	292.06	73		25	125
			4,6-Dinitro-2-methylphenol-d2	400	283.88	71		10	130
			Anthracene-d10	400	321.11	80		25	130
			Pyrene-d10	400	317.80	79		15	130
			Benzo(a)pyrene-d12	400	301.18	75		20	130
P5235-09	C0AT8	BP023508.D	1,4-Dioxane-d8	80	40.37	50		15	120
			Pyridine-d5	400	67.10	16	*	20	120
			Phenol-d5	400	70.30	17		10	130
			Bis(2-Chloroethyl)ether-d8	400	331.60	82		25	120
			2-Chlorophenol-d4	400	258.38	64		20	130
			4-Methylphenol-d8	400	172.98	43		25	125
			Nitrobenzene-d5	400	321.02	80		20	125
			2-Nitrophenol-d4	400	326.82	81		20	130
			2,4-Dichlorophenol-d3	400	275.47	68		20	120
			4-Chloroaniline-d4	400	255.70	63		1	146
			Dimethylphthalate-d6	400	309.81	77		25	130
			Acenaphthylene-d8	400	294.63	73		10	130
			4-Nitrophenol-d4	400	78.45	19		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-09	C0AT8	BP023508.D	Fluorene-d10	400	302.77	75		25	125
			4,6-Dinitro-2-methylphenol-d2	400	298.88	74		10	130
			Anthracene-d10	400	346.42	86		25	130
			Pyrene-d10	400	344.70	86		15	130
			Benzo(a)pyrene-d12	400	323.73	80		20	130
P5235-10	C0AW0	BP023509.D	1,4-Dioxane-d8	80	41.67	52		15	120
			Pyridine-d5	400	75.15	18	*	20	120
			Phenol-d5	400	73.01	18		10	130
			Bis(2-Chloroethyl)ether-d8	400	362.45	90		25	120
			2-Chlorophenol-d4	400	279.55	69		20	130
			4-Methylphenol-d8	400	192.84	48		25	125
			Nitrobenzene-d5	400	328.32	82		20	125
			2-Nitrophenol-d4	400	341.23	85		20	130
			2,4-Dichlorophenol-d3	400	294.48	73		20	120
			4-Chloroaniline-d4	400	252.86	63		1	146
			Dimethylphthalate-d6	400	333.63	83		25	130
			Acenaphthylene-d8	400	320.86	80		10	130
			4-Nitrophenol-d4	400	77.15	19		10	150
			Fluorene-d10	400	319.72	79		25	125
			4,6-Dinitro-2-methylphenol-d2	400	301.26	75		10	130
			Anthracene-d10	400	369.41	92		25	130
			Pyrene-d10	400	370.91	92		15	130
			Benzo(a)pyrene-d12	400	358.27	89		20	130
P5235-11	C0AW1	BP023510.D	1,4-Dioxane-d8	80	42.19	52		15	120
			Pyridine-d5	400	64.40	16	*	20	120
			Phenol-d5	400	77.99	19		10	130
			Bis(2-Chloroethyl)ether-d8	400	370.72	92		25	120
			2-Chlorophenol-d4	400	290.48	72		20	130
			4-Methylphenol-d8	400	182.78	45		25	125
			Nitrobenzene-d5	400	325.48	81		20	125
			2-Nitrophenol-d4	400	330.81	82		20	130
			2,4-Dichlorophenol-d3	400	288.69	72		20	120
			4-Chloroaniline-d4	400	251.92	63		1	146
			Dimethylphthalate-d6	400	339.86	85		25	130
			Acenaphthylene-d8	400	314.07	78		10	130
			4-Nitrophenol-d4	400	88.80	22		10	150
			Fluorene-d10	400	321.73	80		25	125
			4,6-Dinitro-2-methylphenol-d2	400	319.84	80		10	130
			Anthracene-d10	400	370.08	92		25	130
			Pyrene-d10	400	353.85	88		15	130
			Benzo(a)pyrene-d12	400	351.55	87		20	130
P5235-12	C0AW2	BP023515.D	1,4-Dioxane-d8	80	38.54	48		15	120
			Pyridine-d5	400	71.42	17	*	20	120
			Phenol-d5	400	76.32	19		10	130
			Bis(2-Chloroethyl)ether-d8	400	394.07	98		25	120
			2-Chlorophenol-d4	400	298.25	74		20	130
			4-Methylphenol-d8	400	194.88	48		25	125
			Nitrobenzene-d5	400	332.54	83		20	125
			2-Nitrophenol-d4	400	343.15	85		20	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-12	C0AW2	BP023515.D	2,4-Dichlorophenol-d3	400	303.87	76		20	120
			4-Chloroaniline-d4	400	266.05	66		1	146
			Dimethylphthalate-d6	400	356.72	89		25	130
			Acenaphthylene-d8	400	333.14	83		10	130
			4-Nitrophenol-d4	400	80.06	20		10	150
			Fluorene-d10	400	342.34	85		25	125
			4,6-Dinitro-2-methylphenol-d2	400	320.76	80		10	130
			Anthracene-d10	400	379.62	94		25	130
			Pyrene-d10	400	369.11	92		15	130
			Benzo(a)pyrene-d12	400	357.37	89		20	130
PB165652BL	PB165652BL	BP023499.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	27.65	69		20	120
			Phenol-d5	40	32.56	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.13	85		25	120
			2-Chlorophenol-d4	40	31.87	80		20	130
			4-Methylphenol-d8	40	30.84	77		25	125
			Nitrobenzene-d5	40	33.93	85		20	125
			2-Nitrophenol-d4	40	32.57	81		20	130
			2,4-Dichlorophenol-d3	40	28.48	71		20	120
			4-Chloroaniline-d4	40	30.79	77		1	146
			Dimethylphthalate-d6	40	31.80	79		25	130
			Acenaphthylene-d8	40	31.49	79		10	130
			4-Nitrophenol-d4	40	36.94	92		10	150
			Fluorene-d10	40	30.52	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.39	76		10	130
			Anthracene-d10	40	34.00	85		25	130
			Pyrene-d10	40	33.27	83		15	130
			Benzo(a)pyrene-d12	40	31.35	78		20	130
PB165652BS	PB165652BS	BP023523.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Pyridine-d5	40	32.21	81		20	120
			Phenol-d5	40	36.47	91		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.33	83		25	120
			2-Chlorophenol-d4	40	32.60	82		20	130
			4-Methylphenol-d8	40	32.14	80		25	125
			Nitrobenzene-d5	40	29.97	75		20	125
			2-Nitrophenol-d4	40	31.26	78		20	130
			2,4-Dichlorophenol-d3	40	30.50	76		20	120
			4-Chloroaniline-d4	40	27.97	70		1	146
			Dimethylphthalate-d6	40	28.88	72		25	130
			Acenaphthylene-d8	40	28.16	70		10	130
			4-Nitrophenol-d4	40	30.52	76		10	150
			Fluorene-d10	40	27.33	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.23	76		10	130
			Anthracene-d10	40	29.59	74		25	130
			Pyrene-d10	40	28.42	71		15	130
			Benzo(a)pyrene-d12	40	28.60	72		20	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5288-10	SVOC-GPC2-BLA1BP023514.D		Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5263-01	DCZF0	BP023516.D	Pyridine-d5	400	80.44	20		20	120
			1,4-Dioxane-d8	80	48.53	60		15	120
			Phenol-d5	400	100.88	25		10	130
			Bis(2-Chloroethyl)ether-d8	400	424.88	106		25	120
			2-Chlorophenol-d4	400	347.37	86		20	130
			4-Methylphenol-d8	400	224.69	56		25	125
			Nitrobenzene-d5	400	378.33	94		20	125
			2-Nitrophenol-d4	400	377.93	94		20	130
			2,4-Dichlorophenol-d3	400	325.77	81		20	120
			4-Chloroaniline-d4	400	295.91	74		1	146
			Dimethylphthalate-d6	400	364.42	91		25	130
			Acenaphthylene-d8	400	365.08	91		10	130
			4-Nitrophenol-d4	400	101.49	25		10	150
			Fluorene-d10	400	353.89	88		25	125
			4,6-Dinitro-2-methylphenol-d2	400	338.84	84		10	130
			Anthracene-d10	400	409.32	102		25	130
			Pyrene-d10	400	391.47	97		15	130
			Benzo(a)pyrene-d12	400	381.56	95		20	130
PB165677BL	PB165677BL	BP023513.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	30.11	75		20	120
			Phenol-d5	40	29.59	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.58	74		25	120
			2-Chlorophenol-d4	40	30.81	77		20	130
			4-Methylphenol-d8	40	28.30	71		25	125
			Nitrobenzene-d5	40	27.66	69		20	125
			2-Nitrophenol-d4	40	28.52	71		20	130
			2,4-Dichlorophenol-d3	40	25.85	65		20	120
			4-Chloroaniline-d4	40	28.13	70		1	146
			Dimethylphthalate-d6	40	28.20	71		25	130
			Acenaphthylene-d8	40	27.40	68		10	130
			4-Nitrophenol-d4	40	31.74	79		10	150
			Fluorene-d10	40	24.22	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.28	53		10	130
			Anthracene-d10	40	28.71	72		25	130
			Pyrene-d10	40	28.11	70		15	130
			Benzo(a)pyrene-d12	40	26.65	67		20	130
PB165677BS	PB165677BS	BP023521.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	30.99	77		20	120
			Phenol-d5	40	32.88	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.81	77		25	120
			2-Chlorophenol-d4	40	30.98	77		20	130
			4-Methylphenol-d8	40	31.63	79		25	125
			Nitrobenzene-d5	40	26.46	66		20	125
			2-Nitrophenol-d4	40	27.33	68		20	130
			2,4-Dichlorophenol-d3	40	29.62	74		20	120
			4-Chloroaniline-d4	40	27.18	68		1	146
			Dimethylphthalate-d6	40	27.81	70		25	130
			Acenaphthylene-d8	40	28.07	70		10	130
			4-Nitrophenol-d4	40	30.31	76		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165677BS	PB165677BS	BP023521.D	Fluorene-d10	40	24.58	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.48	71		10	130
			Anthracene-d10	40	29.05	73		25	130
			Pyrene-d10	40	28.55	71		15	130
			Benzo(a)pyrene-d12	40	26.85	67		20	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-06	E28S0	BP023519.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	1.70	21		15	120
			Phenol-d5	40	11.21	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.77	32		10	150
			2-Chlorophenol-d4	40	11.42	29		15	120
			4-Methylphenol-d8	40	11.27	28		10	140
			Nitrobenzene-d5	40	11.55	29		10	135
			2-Nitrophenol-d4	40	11.35	28		10	120
			2,4-Dichlorophenol-d3	40	10.83	27		10	140
			4-Chloroaniline-d4	40	5.83	15		1	145
			Dimethylphthalate-d6	40	12.92	32		10	145
			Acenaphthylene-d8	40	10.87	27		15	120
			4-Nitrophenol-d4	40	8.04	20		10	150
			Fluorene-d10	40	10.56	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.72	7	*	10	130
			Anthracene-d10	40	11.85	30		10	150
			Pyrene-d10	40	9.87	25		10	130
			Benzo(a)pyrene-d12	40	5.60	14		10	140
PB165701BL	PB165701BL	BP023524.D	1,4-Dioxane-d8	8	5.82	73		15	120
			Pyridine-d5	40	33.37	83		20	120
			Phenol-d5	40	35.73	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.08	88		10	150
			2-Chlorophenol-d4	40	35.29	88		15	120
			4-Methylphenol-d8	40	33.52	84		10	140
			Nitrobenzene-d5	40	34.54	86		10	135
			2-Nitrophenol-d4	40	34.92	87		10	120
			2,4-Dichlorophenol-d3	40	28.18	70		10	140
			4-Chloroaniline-d4	40	32.06	80		1	145
			Dimethylphthalate-d6	40	33.23	83		10	145
			Acenaphthylene-d8	40	31.62	79		15	120
			4-Nitrophenol-d4	40	35.84	90		10	150
			Fluorene-d10	40	31.39	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.06	65		10	130
			Anthracene-d10	40	34.13	85		10	150
			Pyrene-d10	40	33.23	83		10	130
			Benzo(a)pyrene-d12	40	31.37	78		10	140
PB165701BS	PB165701BS	BP023520.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	30.03	75		20	120
			Phenol-d5	40	31.12	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.75	74		10	150
			2-Chlorophenol-d4	40	30.16	75		15	120
			4-Methylphenol-d8	40	28.99	72		10	140
			Nitrobenzene-d5	40	28.03	70		10	135
			2-Nitrophenol-d4	40	27.96	70		10	120
			2,4-Dichlorophenol-d3	40	27.97	70		10	140
			4-Chloroaniline-d4	40	25.79	64		1	145
			Dimethylphthalate-d6	40	25.58	64		10	145
			Acenaphthylene-d8	40	26.64	67		15	120
			4-Nitrophenol-d4	40	26.83	67		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165701BS	PB165701BS	BP023520.D	Fluorene-d10	40	24.64	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.30	68		10	130
			Anthracene-d10	40	27.39	68		10	150
			Pyrene-d10	40	27.36	68		10	130
			Benzo(a)pyrene-d12	40	26.28	66		10	140

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-01	E28Y6	BP023528.D	1,4-Dioxane-d8	8	2.84	36		15	120
			Pyridine-d5	40	13.32	33		20	120
			Phenol-d5	40	15.55	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.83	45		10	150
			2-Chlorophenol-d4	40	15.19	38		15	120
			4-Methylphenol-d8	40	15.35	38		10	140
			Nitrobenzene-d5	40	14.37	36		10	135
			2-Nitrophenol-d4	40	15.66	39		10	120
			2,4-Dichlorophenol-d3	40	11.93	30		10	140
			4-Chloroaniline-d4	40	11.69	29		1	145
			Dimethylphthalate-d6	40	15.43	39		10	145
			Acenaphthylene-d8	40	13.97	35		15	120
			4-Nitrophenol-d4	40	11.90	30		10	150
			Fluorene-d10	40	13.60	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.35	16		10	130
			Anthracene-d10	40	15.13	38		10	150
			Pyrene-d10	40	13.36	33		10	130
			Benzo(a)pyrene-d12	40	11.65	29		10	140
P5265-02	E28Y7	BP023529.D	1,4-Dioxane-d8	8	2.45	31		15	120
			Pyridine-d5	40	2.91	7	*	20	120
			Phenol-d5	40	17.73	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.96	47		10	150
			2-Chlorophenol-d4	40	17.32	43		15	120
			4-Methylphenol-d8	40	15.79	39		10	140
			Nitrobenzene-d5	40	15.19	38		10	135
			2-Nitrophenol-d4	40	15.55	39		10	120
			2,4-Dichlorophenol-d3	40	14.77	37		10	140
			4-Chloroaniline-d4	40	7.66	19		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	16.28	41		15	120
			4-Nitrophenol-d4	40	14.74	37		10	150
			Fluorene-d10	40	15.90	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.86	27		10	130
			Anthracene-d10	40	16.82	42		10	150
			Pyrene-d10	40	13.57	34		10	130
			Benzo(a)pyrene-d12	40	9.20	23		10	140
P5265-03	E28Y8	BP023543.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	21.78	54		20	120
			Phenol-d5	40	27.26	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.34	66		10	150
			2-Chlorophenol-d4	40	25.89	65		15	120
			4-Methylphenol-d8	40	26.02	65		10	140
			Nitrobenzene-d5	40	26.22	66		10	135
			2-Nitrophenol-d4	40	27.30	68		10	120
			2,4-Dichlorophenol-d3	40	25.47	64		10	140
			4-Chloroaniline-d4	40	22.89	57		1	145
			Dimethylphthalate-d6	40	27.27	68		10	145
			Acenaphthylene-d8	40	26.09	65		15	120
			4-Nitrophenol-d4	40	30.37	76		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-03	E28Y8	BP023543.D	Fluorene-d10	40	23.04	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.09	28		10	130
			Anthracene-d10	40	25.48	64		10	150
			Pyrene-d10	40	22.94	57		10	130
			Benzo(a)pyrene-d12	40	17.25	43		10	140
P5265-04	E28Y9	BP023531.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	18.50	46		20	120
			Phenol-d5	40	23.99	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.05	65		10	150
			2-Chlorophenol-d4	40	23.35	58		15	120
			4-Methylphenol-d8	40	23.82	60		10	140
			Nitrobenzene-d5	40	21.12	53		10	135
			2-Nitrophenol-d4	40	22.38	56		10	120
			2,4-Dichlorophenol-d3	40	21.62	54		10	140
			4-Chloroaniline-d4	40	19.13	48		1	145
			Dimethylphthalate-d6	40	24.03	60		10	145
			Acenaphthylene-d8	40	19.92	50		15	120
			4-Nitrophenol-d4	40	22.11	55		10	150
			Fluorene-d10	40	17.22	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.86	30		10	130
			Anthracene-d10	40	18.68	47		10	150
			Pyrene-d10	40	15.22	38		10	130
			Benzo(a)pyrene-d12	40	11.80	30		10	140
			1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	14.59	36		20	120
P5265-05	E28Z0	BP023541.D	Phenol-d5	40	19.25	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.24	51		10	150
			2-Chlorophenol-d4	40	19.65	49		15	120
			4-Methylphenol-d8	40	19.07	48		10	140
			Nitrobenzene-d5	40	19.16	48		10	135
			2-Nitrophenol-d4	40	18.66	47		10	120
			2,4-Dichlorophenol-d3	40	17.40	43		10	140
			4-Chloroaniline-d4	40	17.31	43		1	145
			Dimethylphthalate-d6	40	18.33	46		10	145
			Acenaphthylene-d8	40	15.69	39		15	120
			4-Nitrophenol-d4	40	13.55	34		10	150
			Fluorene-d10	40	12.93	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.73	4	*	10	130
			Anthracene-d10	40	14.13	35		10	150
			Pyrene-d10	40	10.88	27		10	130
			Benzo(a)pyrene-d12	40	8.19	20		10	140
			1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	19.61	49		20	120
			Phenol-d5	40	25.74	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.25	61		10	150
P5265-06	E28Z1	BP023542.D	2-Chlorophenol-d4	40	24.43	61		15	120
			4-Methylphenol-d8	40	25.32	63		10	140
			Nitrobenzene-d5	40	23.74	59		10	135
			2-Nitrophenol-d4	40	24.35	61		10	120

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-06	E28Z1	BP023542.D	2,4-Dichlorophenol-d3	40	22.85	57		10	140
			4-Chloroaniline-d4	40	22.51	56		1	145
			Dimethylphthalate-d6	40	23.55	59		10	145
			Acenaphthylene-d8	40	21.70	54		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	18.95	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.64	14		10	130
			Anthracene-d10	40	20.16	50		10	150
			Pyrene-d10	40	17.27	43		10	130
			Benzo(a)pyrene-d12	40	12.99	32		10	140
P5265-07	E28Z2	BP023534.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	7.26	18	*	20	120
			Phenol-d5	40	26.48	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.05	70		10	150
			2-Chlorophenol-d4	40	25.57	64		15	120
			4-Methylphenol-d8	40	23.34	58		10	140
			Nitrobenzene-d5	40	26.43	66		10	135
			2-Nitrophenol-d4	40	25.14	63		10	120
			2,4-Dichlorophenol-d3	40	23.29	58		10	140
			4-Chloroaniline-d4	40	17.65	44		1	145
			Dimethylphthalate-d6	40	26.06	65		10	145
			Acenaphthylene-d8	40	25.98	65		15	120
			4-Nitrophenol-d4	40	22.30	56		10	150
			Fluorene-d10	40	23.54	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.43	34		10	130
			Anthracene-d10	40	25.96	65		10	150
			Pyrene-d10	40	23.26	58		10	130
			Benzo(a)pyrene-d12	40	18.24	46		10	140
P5265-08	E28Z3	BP023530.D	1,4-Dioxane-d8	8	2.29	29		15	120
			Pyridine-d5	40	9.73	24		20	120
			Phenol-d5	40	14.16	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.20	38		10	150
			2-Chlorophenol-d4	40	14.23	36		15	120
			4-Methylphenol-d8	40	14.07	35		10	140
			Nitrobenzene-d5	40	12.44	31		10	135
			2-Nitrophenol-d4	40	12.38	31		10	120
			2,4-Dichlorophenol-d3	40	11.32	28		10	140
			4-Chloroaniline-d4	40	10.34	26		1	145
			Dimethylphthalate-d6	40	12.87	32		10	145
			Acenaphthylene-d8	40	11.87	30		15	120
			4-Nitrophenol-d4	40	9.20	23		10	150
			Fluorene-d10	40	10.38	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.90	15		10	130
			Anthracene-d10	40	11.55	29		10	150
			Pyrene-d10	40	10.65	27		10	130
			Benzo(a)pyrene-d12	40	7.74	19		10	140
P5265-09	E28Z4	BP023535.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	6.31	16	*	20	120
			Phenol-d5	40	18.06	45		10	130

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-09	E28Z4	BP023535.D	Bis(2-Chloroethyl)ether-d8	40	21.89	55		10	150
			2-Chlorophenol-d4	40	19.60	49		15	120
			4-Methylphenol-d8	40	16.62	42		10	140
			Nitrobenzene-d5	40	17.70	44		10	135
			2-Nitrophenol-d4	40	18.59	46		10	120
			2,4-Dichlorophenol-d3	40	16.10	40		10	140
			4-Chloroaniline-d4	40	14.89	37		1	145
			Dimethylphthalate-d6	40	18.70	47		10	145
			Acenaphthylene-d8	40	14.94	37		15	120
			4-Nitrophenol-d4	40	11.75	29		10	150
			Fluorene-d10	40	13.70	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.85	12		10	130
			Anthracene-d10	40	14.60	37		10	150
			Pyrene-d10	40	12.49	31		10	130
			Benzo(a)pyrene-d12	40	8.72	22		10	140
P5265-10	E28Z5	BP023546.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	13.78	34		20	120
			Phenol-d5	40	20.01	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.35	48		10	150
			2-Chlorophenol-d4	40	19.32	48		15	120
			4-Methylphenol-d8	40	18.42	46		10	140
			Nitrobenzene-d5	40	18.09	45		10	135
			2-Nitrophenol-d4	40	18.64	47		10	120
			2,4-Dichlorophenol-d3	40	17.45	44		10	140
			4-Chloroaniline-d4	40	14.62	37		1	145
			Dimethylphthalate-d6	40	16.90	42		10	145
			Acenaphthylene-d8	40	16.84	42		15	120
			4-Nitrophenol-d4	40	19.08	48		10	150
			Fluorene-d10	40	15.28	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.44	16		10	130
			Anthracene-d10	40	15.93	40		10	150
			Pyrene-d10	40	15.18	38		10	130
P5265-11	E28Z6	BP023547.D	Benzo(a)pyrene-d12	40	11.02	28		10	140
			1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	1.19	3	*	20	120
			Phenol-d5	40	20.38	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.72	52		10	150
			2-Chlorophenol-d4	40	20.02	50		15	120
			4-Methylphenol-d8	40	17.39	43		10	140
			Nitrobenzene-d5	40	19.45	49		10	135
			2-Nitrophenol-d4	40	20.65	52		10	120
			2,4-Dichlorophenol-d3	40	18.23	46		10	140
			4-Chloroaniline-d4	40	9.55	24		1	145
			Dimethylphthalate-d6	40	19.21	48		10	145
			Acenaphthylene-d8	40	17.61	44		15	120
			4-Nitrophenol-d4	40	18.51	46		10	150
			Fluorene-d10	40	16.29	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.16	18		10	130
			Anthracene-d10	40	16.65	42		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-11	E28Z6	BP023547.D	Pyrene-d10	40	13.43	34		10	130
			Benzo(a)pyrene-d12	40	7.41	19		10	140
P5265-12	E28Z7	BP023548.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	13.68	34		20	120
			Phenol-d5	40	16.35	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.49	41		10	150
			2-Chlorophenol-d4	40	16.31	41		15	120
			4-Methylphenol-d8	40	16.40	41		10	140
			Nitrobenzene-d5	40	15.69	39		10	135
			2-Nitrophenol-d4	40	15.74	39		10	120
			2,4-Dichlorophenol-d3	40	14.81	37		10	140
			4-Chloroaniline-d4	40	15.49	39		1	145
			Dimethylphthalate-d6	40	14.69	37		10	145
			Acenaphthylene-d8	40	15.37	38		15	120
			4-Nitrophenol-d4	40	13.81	35		10	150
			Fluorene-d10	40	14.05	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.81	10		10	130
			Anthracene-d10	40	15.64	39		10	150
			Pyrene-d10	40	15.69	39		10	130
			Benzo(a)pyrene-d12	40	13.20	33		10	140
P5265-13	E28Z8	BP023549.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Pyridine-d5	40	13.65	34		20	120
			Phenol-d5	40	16.40	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.57	44		10	150
			2-Chlorophenol-d4	40	16.69	42		15	120
			4-Methylphenol-d8	40	16.70	42		10	140
			Nitrobenzene-d5	40	16.13	40		10	135
			2-Nitrophenol-d4	40	13.57	34		10	120
			2,4-Dichlorophenol-d3	40	14.71	37		10	140
			4-Chloroaniline-d4	40	15.85	40		1	145
			Dimethylphthalate-d6	40	15.73	39		10	145
			Acenaphthylene-d8	40	15.09	38		15	120
			4-Nitrophenol-d4	40	6.80	17		10	150
			Fluorene-d10	40	13.18	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.11	5	*	10	130
			Anthracene-d10	40	14.92	37		10	150
			Pyrene-d10	40	14.41	36		10	130
			Benzo(a)pyrene-d12	40	11.86	30		10	140
P5265-14	E28Z9	BP023539.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	14.43	36		20	120
			Phenol-d5	40	17.16	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.38	46		10	150
			2-Chlorophenol-d4	40	17.29	43		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	16.69	42		10	135
			2-Nitrophenol-d4	40	16.46	41		10	120
			2,4-Dichlorophenol-d3	40	15.45	39		10	140
			4-Chloroaniline-d4	40	11.78	29		1	145
			Dimethylphthalate-d6	40	15.67	39		10	145

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-14	E28Z9	BP023539.D	Acenaphthylene-d8	40	16.00	40		15	120
			4-Nitrophenol-d4	40	20.16	50		10	150
			Fluorene-d10	40	14.75	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.96	5	*	10	130
			Anthracene-d10	40	16.88	42		10	150
			Pyrene-d10	40	16.38	41		10	130
			Benzo(a)pyrene-d12	40	14.51	36		10	140
P5265-15	E2900	BP023550.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	16.16	40		20	120
			Phenol-d5	40	19.91	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.35	48		10	150
			2-Chlorophenol-d4	40	19.70	49		15	120
			4-Methylphenol-d8	40	18.93	47		10	140
			Nitrobenzene-d5	40	18.60	46		10	135
			2-Nitrophenol-d4	40	19.31	48		10	120
			2,4-Dichlorophenol-d3	40	17.78	44		10	140
			4-Chloroaniline-d4	40	16.73	42		1	145
			Dimethylphthalate-d6	40	17.61	44		10	145
			Acenaphthylene-d8	40	17.71	44		15	120
			4-Nitrophenol-d4	40	18.49	46		10	150
			Fluorene-d10	40	16.34	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.15	18		10	130
			Anthracene-d10	40	17.68	44		10	150
			Pyrene-d10	40	17.30	43		10	130
			Benzo(a)pyrene-d12	40	13.17	33		10	140
			1,4-Dioxane-d8	8	3.44	43		15	120
			Pyridine-d5	40	17.65	44		20	120
P5265-16	E2901	BP023544.D	Phenol-d5	40	24.37	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.42	59		10	150
			2-Chlorophenol-d4	40	23.41	59		15	120
			4-Methylphenol-d8	40	24.02	60		10	140
			Nitrobenzene-d5	40	22.13	55		10	135
			2-Nitrophenol-d4	40	22.86	57		10	120
			2,4-Dichlorophenol-d3	40	20.78	52		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	21.73	54		10	145
			Acenaphthylene-d8	40	21.84	55		15	120
			4-Nitrophenol-d4	40	25.12	63		10	150
			Fluorene-d10	40	20.58	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.69	19		10	130
			Anthracene-d10	40	21.31	53		10	150
			Pyrene-d10	40	21.22	53		10	130
			Benzo(a)pyrene-d12	40	16.08	40		10	140
			1,4-Dioxane-d8	8	2.78	35		15	120
			Pyridine-d5	40	14.25	36		20	120
			Phenol-d5	40	18.75	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.06	48		10	150
P5265-17	E2902	BP023545.D	2-Chlorophenol-d4	40	18.36	46		15	120
			4-Methylphenol-d8	40	17.35	43		10	140

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-17	E2902	BP023545.D	Nitrobenzene-d5	40	17.57	44		10	135
			2-Nitrophenol-d4	40	18.03	45		10	120
			2,4-Dichlorophenol-d3	40	16.77	42		10	140
			4-Chloroaniline-d4	40	15.83	40		1	145
			Dimethylphthalate-d6	40	17.45	44		10	145
			Acenaphthylene-d8	40	18.06	45		15	120
			4-Nitrophenol-d4	40	18.99	47		10	150
			Fluorene-d10	40	16.35	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.28	18		10	130
			Anthracene-d10	40	17.77	44		10	150
			Pyrene-d10	40	16.56	41		10	130
			Benzo(a)pyrene-d12	40	12.47	31		10	140
P5265-18	E2903	BP023540.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Pyridine-d5	40	5.22	13	*	20	120
			Phenol-d5	40	15.61	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.09	48		10	150
			2-Chlorophenol-d4	40	17.18	43		15	120
			4-Methylphenol-d8	40	15.93	40		10	140
			Nitrobenzene-d5	40	18.83	47		10	135
			2-Nitrophenol-d4	40	18.05	45		10	120
			2,4-Dichlorophenol-d3	40	17.82	45		10	140
			4-Chloroaniline-d4	40	2.31	6		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	16.40	41		15	120
			4-Nitrophenol-d4	40	17.35	43		10	150
			Fluorene-d10	40	15.35	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.67	14		10	130
P5265-20MS	E28Y9MS	BP023532.D	Anthracene-d10	40	16.66	42		10	150
			Pyrene-d10	40	15.52	39		10	130
			Benzo(a)pyrene-d12	40	8.47	21		10	140
			Pyridine-d5	40	16.29	41		20	120
			1,4-Dioxane-d8	8	3.10	39		15	120
			Phenol-d5	40	22.00	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.00	55		10	150
			2-Chlorophenol-d4	40	21.01	53		15	120
			4-Methylphenol-d8	40	21.98	55		10	140
			Nitrobenzene-d5	40	23.98	60		10	135
			2-Nitrophenol-d4	40	23.76	59		10	120
			2,4-Dichlorophenol-d3	40	21.79	54		10	140
			4-Chloroaniline-d4	40	18.10	45		1	145
			Dimethylphthalate-d6	40	21.37	53		10	145
			Acenaphthylene-d8	40	19.75	49		15	120
P5265-21MSD	E28Y9MSD	BP023533.D	4-Nitrophenol-d4	40	19.84	50		10	150
			Fluorene-d10	40	17.33	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.32	41		10	130
			Anthracene-d10	40	18.48	46		10	150
			Pyrene-d10	40	18.03	45		10	130
			Benzo(a)pyrene-d12	40	15.08	38		10	140
			1,4-Dioxane-d8	8	3.26	41		15	120

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-21MSD	E28Y9MSD	BP023533.D	Pyridine-d5	40	16.26	41		20	120
			Phenol-d5	40	22.54	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.67	57		10	150
			2-Chlorophenol-d4	40	21.10	53		15	120
			4-Methylphenol-d8	40	21.07	53		10	140
			Nitrobenzene-d5	40	20.58	51		10	135
			2-Nitrophenol-d4	40	21.13	53		10	120
			2,4-Dichlorophenol-d3	40	20.16	50		10	140
			4-Chloroaniline-d4	40	17.50	44		1	145
			Dimethylphthalate-d6	40	20.15	50		10	145
			Acenaphthylene-d8	40	18.28	46		15	120
			4-Nitrophenol-d4	40	17.41	44		10	150
			Fluorene-d10	40	16.48	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.46	39		10	130
			Anthracene-d10	40	17.94	45		10	150
			Pyrene-d10	40	16.59	41		10	130
			Benzo(a)pyrene-d12	40	13.90	35		10	140
PB165707BL	PB165707BL	BP023538.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Pyridine-d5	40	31.04	78		20	120
		BP023527.D	Pyridine-d5	40	28.54	71		20	120
			1,4-Dioxane-d8	8	4.88	61		15	120
		BP023538.D	Phenol-d5	40	31.84	80		10	130
			Phenol-d5	40	32.52	81		10	130
		BP023527.D	Bis(2-Chloroethyl)ether-d8	40	35.41	89		10	150
			Bis(2-Chloroethyl)ether-d8	40	34.46	86		10	150
		BP023538.D	2-Chlorophenol-d4	40	31.13	78		15	120
			2-Chlorophenol-d4	40	30.82	77		15	120
		BP023527.D	4-Methylphenol-d8	40	30.69	77		10	140
			4-Methylphenol-d8	40	29.65	74		10	140
		BP023538.D	Nitrobenzene-d5	40	30.41	76		10	135
			Nitrobenzene-d5	40	30.18	75		10	135
		BP023527.D	2-Nitrophenol-d4	40	30.62	77		10	120
			2-Nitrophenol-d4	40	31.65	79		10	120
		BP023538.D	2,4-Dichlorophenol-d3	40	25.65	64		10	140
			2,4-Dichlorophenol-d3	40	26.94	67		10	140
		BP023527.D	4-Chloroaniline-d4	40	29.30	73		1	145
			4-Chloroaniline-d4	40	29.71	74		1	145
		BP023538.D	Dimethylphthalate-d6	40	31.48	79		10	145
			Dimethylphthalate-d6	40	31.05	78		10	145
		BP023527.D	Acenaphthylene-d8	40	30.52	76		15	120
			Acenaphthylene-d8	40	30.28	76		15	120
		BP023538.D	4-Nitrophenol-d4	40	32.68	82		10	150
			4-Nitrophenol-d4	40	37.60	94		10	150
		BP023527.D	Fluorene-d10	40	29.57	74		20	140
			Fluorene-d10	40	29.88	75		20	140
		BP023538.D	4,6-Dinitro-2-methylphenol-d2	40	27.04	68		10	130
			4,6-Dinitro-2-methylphenol-d2	40	25.23	63		10	130
		BP023527.D	Anthracene-d10	40	33.66	84		10	150
			Anthracene-d10	40	33.64	84		10	150

Surrogate Summary

SW-846

SDG No.: BP121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165707BL	PB165707BL	BP023527.D	Pyrene-d10	40	34.22	86		10	130
		BP023538.D	Pyrene-d10	40	31.77	79		10	130
			Benzo(a)pyrene-d12	40	31.00	77		10	140
PB165707BS	PB165707BS	BP023527.D	Benzo(a)pyrene-d12	40	30.99	77		10	140
		BP023536.D	1,4-Dioxane-d8	8	5.23	65		15	120
			Pyridine-d5	40	29.35	73		20	120
			Phenol-d5	40	34.57	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.43	86		10	150
			2-Chlorophenol-d4	40	32.62	82		15	120
			4-Methylphenol-d8	40	32.69	82		10	140
			Nitrobenzene-d5	40	32.56	81		10	135
			2-Nitrophenol-d4	40	33.54	84		10	120
			2,4-Dichlorophenol-d3	40	31.09	78		10	140
			4-Chloroaniline-d4	40	29.56	74		1	145
			Dimethylphthalate-d6	40	30.05	75		10	145
			Acenaphthylene-d8	40	31.69	79		15	120
			4-Nitrophenol-d4	40	35.25	88		10	150
			Fluorene-d10	40	29.30	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.33	78		10	130
			Anthracene-d10	40	31.79	79		10	150
			Pyrene-d10	40	33.37	83		10	130
			Benzo(a)pyrene-d12	40	30.75	77		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121824

Lab Code: CHEM

SAS No.: BP121824 SDG NO.: BP121824

Lab File ID: BP023496.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	52.3
443	15.0 - 24.0% of mass 442	10.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020757	SSTDCCC020	BP023497.D	12/18/2024	14:14
SBLK651	PB165651BL	BP023498.D	12/18/2024	15:00
SBLK652	PB165652BL	BP023499.D	12/18/2024	15:40
C0AS8	P5235-01	BP023500.D	12/18/2024	16:21
C0AT0	P5235-02	BP023501.D	12/18/2024	17:01
C0AT1	P5235-03	BP023502.D	12/18/2024	17:41
C0AT2	P5235-04	BP023503.D	12/18/2024	18:22
C0AT3	P5235-05	BP023504.D	12/18/2024	19:02
C0AT5	P5235-06	BP023505.D	12/18/2024	19:43
C0AT6	P5235-07	BP023506.D	12/18/2024	20:23
C0AT7	P5235-08	BP023507.D	12/18/2024	21:03
C0AT8	P5235-09	BP023508.D	12/18/2024	21:44
C0AW0	P5235-10	BP023509.D	12/18/2024	22:24
C0AW1	P5235-11	BP023510.D	12/18/2024	23:05
SLCS651	PB165651BS	BP023511.D	12/18/2024	23:45
SSTD020758	SSTDCCC020	BP023512.D	12/19/2024	01:06
SBLK677	PB165677BL	BP023513.D	12/19/2024	01:46
SVOC-GPC2-BLANK	P5288-10	BP023514.D	12/19/2024	02:27

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121824

Lab Code: CHEM

SAS No.: BP121824

SDG NO.: BP121824

Lab File ID: BP023496.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	52.3
443	15.0 - 24.0% of mass 442	10.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0AW2	P5235-12	BP023515.D	12/19/2024	03:07
DCZF0	P5263-01	BP023516.D	12/19/2024	03:48
JNLH4	P5257-01	BP023517.D	12/19/2024	04:28
JNLH5	P5257-02	BP023518.D	12/19/2024	05:08
E28S0	P5232-06	BP023519.D	12/19/2024	05:48
SLCS701	PB165701BS	BP023520.D	12/19/2024	06:29
SLCS677	PB165677BS	BP023521.D	12/19/2024	07:09
SLCS639	PB165639BS	BP023522.D	12/19/2024	07:50
SLCS652	PB165652BS	BP023523.D	12/19/2024	08:30
SBLK701	PB165701BL	BP023524.D	12/19/2024	09:11
SBLK639	PB165639BL	BP023525.D	12/19/2024	09:51
SSTD020759	SSTDCCC020	BP023526.D	12/19/2024	10:31
SBLK707	PB165707BL	BP023527.D	12/19/2024	14:39
E28Y6	P5265-01	BP023528.D	12/19/2024	15:19
E28Y7	P5265-02	BP023529.D	12/19/2024	15:59
E28Z3	P5265-08	BP023530.D	12/19/2024	16:40
E28Y9	P5265-04	BP023531.D	12/19/2024	17:20
E28Y9MS	P5265-20MS	BP023532.D	12/19/2024	18:00

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121824

Lab Code: CHEM

SAS No.: BP121824

SDG NO.: BP121824

Lab File ID: BP023496.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.1
197	Less than 2.0% of mass 198	0.3
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199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	52.3
443	15.0 - 24.0% of mass 442	10.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E28Y9MSD	P5265-21MSD	BP023533.D	12/19/2024	18:41
E28Z2	P5265-07	BP023534.D	12/19/2024	19:21
E28Z4	P5265-09	BP023535.D	12/19/2024	20:02
SLCS707	PB165707BS	BP023536.D	12/19/2024	20:42
SSTD020760	SSTDCCC020	BP023537.D	12/19/2024	22:03
SBLK707	PB165707BL	BP023538.D	12/19/2024	22:43
E28Z9	P5265-14	BP023539.D	12/19/2024	23:24
E2903	P5265-18	BP023540.D	12/20/2024	00:04
E28Z0	P5265-05	BP023541.D	12/20/2024	00:45
E28Z1	P5265-06	BP023542.D	12/20/2024	01:25
E28Y8	P5265-03	BP023543.D	12/20/2024	02:05
E2901	P5265-16	BP023544.D	12/20/2024	02:46
E2902	P5265-17	BP023545.D	12/20/2024	03:26
E28Z5	P5265-10	BP023546.D	12/20/2024	04:07
E28Z6	P5265-11	BP023547.D	12/20/2024	04:47
E28Z7	P5265-12	BP023548.D	12/20/2024	05:28
E28Z8	P5265-13	BP023549.D	12/20/2024	06:08
E2900	P5265-15	BP023550.D	12/20/2024	06:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121824

Lab Code: CHEM

SAS No.: BP121824

SDG NO.: BP121824

Lab File ID: BP023496.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
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442	Greater than 50% of mass 198	52.3
443	15.0 - 24.0% of mass 442	10.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020761	SSTDCCC020EC	BP023551.D	12/20/2024	08:10