

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 10:26

Lab File ID: BP023340.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020740 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	0.612	0.010	1.8761	40.0
Benzaldehyde	0.897	1.070	0.010	19.2731	40.0
Pyridine	1.427	1.473	0.010	3.2013	40.0
Phenol	1.634	1.584	0.080	-3.0445	20.0
Bis(2-Chloroethyl)ether	1.290	1.230	0.100	-4.587	20.0
2-Chlorophenol	1.214	1.160	0.200	-4.4612	20.0
2-Methylphenol	1.212	1.119	0.010	-7.6072	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.635	0.010	4.2437	40.0
Acetophenone	2.132	2.074	0.060	-2.7089	20.0
4-Methylphenol	1.308	1.241	0.010	-5.1303	20.0
N-Nitroso-di-n-propylamine	1.162	1.158	0.050	-0.2752	30.0
Hexachloroethane	0.591	0.609	0.100	3.0078	20.0
Nitrobenzene	0.454	0.494	0.050	8.8092	25.0
Isophorone	0.805	0.802	0.050	-0.3458	25.0
2-Nitrophenol	0.184	0.180	0.050	-2.1287	25.0
2,4-Dimethylphenol	0.407	0.407	0.050	0.0226	25.0
Bis(2-Chloroethoxy)methane	0.455	0.456	0.050	0.1994	20.0
2,4-Dichlorophenol	0.360	0.349	0.060	-2.9712	20.0
Naphthalene	1.047	1.042	0.200	-0.5127	20.0
4-Chloroaniline	0.395	0.396	0.010	0.3654	40.0
Hexachlorobutadiene	0.319	0.340	0.040	6.5525	30.0
Caprolactam	0.105	0.094	0.010	-10.6945	40.0
4-Chloro-3-methylphenol	0.391	0.371	0.040	-5.2145	25.0
1-Methylnaphthalene	0.791	0.790	0.100	-0.1037	20.0
2-Methylnaphthalene	0.776	0.765	0.100	-1.523	20.0
Hexachlorocyclopentadiene	0.351	0.349	0.010	-0.4187	40.0
2,4,6-Trichlorophenol	0.432	0.436	0.090	1.0317	25.0
2,4,5-Trichlorophenol	0.461	0.438	0.100	-5.0681	25.0
1,1-Biphenyl	1.417	1.408	0.200	-0.6183	20.0
2-Chloronaphthalene	1.146	1.145	0.300	-0.139	20.0
2-Nitroaniline	0.332	0.356	0.050	7.0657	40.0
Dimethylphthalate	1.529	1.464	0.300	-4.2678	20.0
2,6-Dinitrotoluene	0.293	0.282	0.080	-3.6959	30.0
Acenaphthylene	1.668	1.654	0.400	-0.8468	20.0
3-Nitroaniline	0.246	0.246	0.010	0.0864	40.0
Acenaphthene	1.219	1.245	0.200	2.1651	20.0
2,4-Dinitrophenol	0.189	0.159	0.010	-15.9497	40.0
4-Nitrophenol	0.256	0.182	0.010	-29.1706	40.0
Dibenzofuran	1.851	1.842	0.300	-0.5213	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 10:26

Lab File ID: BP023340.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020740 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	0.453	0.070	-4.1326	30.0
Diethylphthalate	1.525	1.552	0.300	1.7566	20.0
Fluorene	1.507	1.492	0.200	-0.9914	20.0
4-Chlorophenyl-phenylether	0.874	0.898	0.100	2.6621	20.0
4-Nitroaniline	0.216	0.236	0.010	9.0937	40.0
4,6-Dinitro-2-methylphenol	0.128	0.121	0.010	-5.538	40.0
N-Nitrosodiphenylamine	0.511	0.506	0.050	-0.9981	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.746	0.100	2.2163	20.0
4-Bromophenyl-phenylether	0.236	0.235	0.070	-0.2809	20.0
Hexachlorobenzene	0.289	0.287	0.050	-0.7077	25.0
Atrazine	0.222	0.237	0.010	6.8032	25.0
Pentachlorophenol	0.169	0.155	0.010	-8.3004	40.0
Phenanthrene	1.034	1.024	0.200	-0.9762	20.0
Pentachlorobenzene	0.318	0.314	0.050	-1.2032	20.0
Anthracene	1.034	1.047	0.200	1.2398	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.287	0.050	-0.4482	20.0
Carbazole	0.842	0.890	0.050	5.6847	40.0
Di-n-butylphthalate	1.035	1.072	0.500	3.5764	25.0
Fluoranthene	1.197	1.086	0.400	-9.2895	25.0
Pyrene	1.271	1.175	0.400	-7.487	25.0
Butylbenzylphthalate	0.440	0.414	0.100	-6.0195	40.0
3,3-Dichlorobenzidine	0.459	0.420	0.010	-8.4584	40.0
Benzo (a) anthracene	1.341	1.313	0.300	-2.1344	30.0
Chrysene	1.285	1.256	0.200	-2.2559	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.626	0.200	-0.8801	40.0
Di-n-octyl phthalate	0.977	0.888	0.010	-9.1001	40.0
Benzo (b) fluoranthene	1.257	1.170	0.200	-6.8955	25.0
Benzo (k) fluoranthene	1.250	1.202	0.200	-3.8825	25.0
Benzo (a) pyrene	1.139	1.094	0.200	-3.9683	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.473	0.200	0.5787	25.0
Dibenzo (a,h) anthracene	1.172	1.175	0.200	0.2443	30.0
Benzo (g,h,i) perylene	1.121	1.125	0.200	0.3153	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.454	0.040	-0.9785	20.0
1,4-Dioxane-d8	0.543	0.538	0.010	-0.9731	25.0
Pyridine-d5	1.397	1.397	0.010	0.0022	40.0
Phenol-d5	1.569	1.488	0.010	-5.1719	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.047	0.050	5.7843	25.0
2-Chlorophenol-d4	1.158	1.113	0.200	-3.9131	20.0
4-Methylphenol-d8	1.267	1.147	0.010	-9.4392	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 10:26

Lab File ID: BP023340.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020740 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.144	0.050	-3.5915	20.0
2-Nitrophenol-d4	0.172	0.168	0.050	-2.3622	30.0
2,4-Dichlorophenol-d3	0.363	0.349	0.060	-3.8949	20.0
4-Chloroaniline-d4	0.407	0.399	0.010	-1.8887	40.0
Dimethylphthalate-d6	1.553	1.501	0.300	-3.2942	20.0
Acenaphthylene-d8	1.638	1.604	0.400	-2.0415	20.0
4-Nitrophenol-d4	0.190	0.142	0.010	-25.2227	40.0
Fluorene-d10	1.366	1.356	0.100	-0.7414	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.114	0.010	-5.9339	40.0
Anthracene-d10	0.913	0.926	0.300	1.4207	20.0
Pyrene-d10	1.045	0.954	0.300	-8.739	25.0
Benzo(a)pyrene-d12	1.071	1.028	0.010	-4.0049	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.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020741 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	0.635	0.010	5.6623	40.0
Benzaldehyde	0.897	1.032	0.010	15.0496	40.0
Pyridine	1.427	1.519	0.010	6.4562	40.0
Phenol	1.634	1.647	0.080	0.8122	20.0
Bis(2-Chloroethyl)ether	1.290	1.322	0.100	2.5364	20.0
2-Chlorophenol	1.214	1.170	0.200	-3.6449	20.0
2-Methylphenol	1.212	1.189	0.010	-1.8433	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.722	0.010	9.7847	40.0
Acetophenone	2.132	2.157	0.060	1.1681	20.0
4-Methylphenol	1.308	1.318	0.010	0.7607	20.0
N-Nitroso-di-n-propylamine	1.162	1.205	0.050	3.7629	30.0
Hexachloroethane	0.591	0.579	0.100	-1.9859	20.0
Nitrobenzene	0.454	0.462	0.050	1.6906	25.0
Isophorone	0.805	0.824	0.050	2.3469	25.0
2-Nitrophenol	0.184	0.175	0.050	-4.7092	25.0
2,4-Dimethylphenol	0.407	0.401	0.050	-1.4853	25.0
Bis(2-Chloroethoxy)methane	0.455	0.467	0.050	2.6507	20.0
2,4-Dichlorophenol	0.360	0.345	0.060	-4.2254	20.0
Naphthalene	1.047	1.021	0.200	-2.4751	20.0
4-Chloroaniline	0.395	0.383	0.010	-3.0084	40.0
Hexachlorobutadiene	0.319	0.302	0.040	-5.5952	30.0
Caprolactam	0.105	0.104	0.010	-0.8248	40.0
4-Chloro-3-methylphenol	0.391	0.384	0.040	-1.8909	25.0
1-Methylnaphthalene	0.791	0.769	0.100	-2.833	20.0
2-Methylnaphthalene	0.776	0.750	0.100	-3.3864	20.0
Hexachlorocyclopentadiene	0.351	0.334	0.010	-4.6704	40.0
2,4,6-Trichlorophenol	0.432	0.429	0.090	-0.7826	25.0
2,4,5-Trichlorophenol	0.461	0.444	0.100	-3.8328	25.0
1,1-Biphenyl	1.417	1.376	0.200	-2.915	20.0
2-Chloronaphthalene	1.146	1.122	0.300	-2.1084	20.0
2-Nitroaniline	0.332	0.359	0.050	8.0245	40.0
Dimethylphthalate	1.529	1.520	0.300	-0.5953	20.0
2,6-Dinitrotoluene	0.293	0.295	0.080	0.5672	30.0
Acenaphthylene	1.668	1.648	0.400	-1.1955	20.0
3-Nitroaniline	0.246	0.249	0.010	1.2062	40.0
Acenaphthene	1.219	1.190	0.200	-2.3918	20.0
2,4-Dinitrophenol	0.189	0.167	0.010	-11.5264	40.0
4-Nitrophenol	0.256	0.182	0.010	-28.8046	40.0
Dibenzofuran	1.851	1.785	0.300	-3.5871	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020741 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	-3.4944	30.0
Diethylphthalate	1.525	1.525	0.300	-0.0483	20.0
Fluorene	1.507	1.462	0.200	-3.0233	20.0
4-Chlorophenyl-phenylether	0.874	0.838	0.100	-4.0942	20.0
4-Nitroaniline	0.216	0.209	0.010	-3.2759	40.0
4,6-Dinitro-2-methylphenol	0.128	0.126	0.010	-1.3547	40.0
N-Nitrosodiphenylamine	0.511	0.527	0.050	3.2457	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.711	0.100	-2.6079	20.0
4-Bromophenyl-phenylether	0.236	0.236	0.070	-0.113	20.0
Hexachlorobenzene	0.289	0.275	0.050	-4.9035	25.0
Atrazine	0.222	0.236	0.010	6.2283	25.0
Pentachlorophenol	0.169	0.159	0.010	-5.7718	40.0
Phenanthrene	1.034	1.044	0.200	0.9383	20.0
Pentachlorobenzene	0.318	0.327	0.050	2.8909	20.0
Anthracene	1.034	1.042	0.200	0.7397	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.295	0.050	2.4535	20.0
Carbazole	0.842	0.860	0.050	2.1227	40.0
Di-n-butylphthalate	1.035	1.080	0.500	4.3966	25.0
Fluoranthene	1.197	1.210	0.400	1.0441	25.0
Pyrene	1.271	1.290	0.400	1.5393	25.0
Butylbenzylphthalate	0.440	0.454	0.100	3.2738	40.0
3,3-Dichlorobenzidine	0.459	0.450	0.010	-1.8813	40.0
Benzo (a) anthracene	1.341	1.341	0.300	0.0049	30.0
Chrysene	1.285	1.267	0.200	-1.4386	30.0
Bis (2-ethylhexyl) phthalate	0.632	0.667	0.200	5.4859	40.0
Di-n-octyl phthalate	0.977	0.990	0.010	1.3762	40.0
Benzo (b) fluoranthene	1.257	1.247	0.200	-0.7309	25.0
Benzo (k) fluoranthene	1.250	1.207	0.200	-3.4456	25.0
Benzo (a) pyrene	1.139	1.113	0.200	-2.2711	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.433	0.200	-2.1091	25.0
Dibenzo (a,h) anthracene	1.172	1.137	0.200	-2.985	30.0
Benzo (g,h,i) perylene	1.121	1.083	0.200	-3.384	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.432	0.040	-5.8028	20.0
1,4-Dioxane-d8	0.543	0.585	0.010	7.6331	25.0
Pyridine-d5	1.397	1.449	0.010	3.7251	40.0
Phenol-d5	1.569	1.559	0.010	-0.6501	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.050	0.050	6.0651	25.0
2-Chlorophenol-d4	1.158	1.144	0.200	-1.2186	20.0
4-Methylphenol-d8	1.267	1.261	0.010	-0.4361	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 : 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020741 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.145	0.050	-2.8872	20.0
2-Nitrophenol-d4	0.172	0.173	0.050	0.7855	30.0
2,4-Dichlorophenol-d3	0.363	0.346	0.060	-4.6398	20.0
4-Chloroaniline-d4	0.407	0.405	0.010	-0.4306	40.0
Dimethylphthalate-d6	1.553	1.529	0.300	-1.5221	20.0
Acenaphthylene-d8	1.638	1.638	0.400	0.021	20.0
4-Nitrophenol-d4	0.190	0.170	0.010	-10.5992	40.0
Fluorene-d10	1.366	1.326	0.100	-2.8694	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.118	0.010	-2.6566	40.0
Anthracene-d10	0.913	0.919	0.300	0.7081	20.0
Pyrene-d10	1.045	1.057	0.300	1.1229	25.0
Benzo(a)pyrene-d12	1.071	1.024	0.010	-4.3601	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.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/11/2024 : 07:25

Lab File ID: BP023369.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020742 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	0.631	0.010	4.9099	50.0
Benzaldehyde	0.897	1.148	0.010	27.9379	50.0
Pyridine	1.427	1.517	0.010	6.337	50.0
Phenol	1.634	1.717	0.080	5.0982	50.0
Bis(2-Chloroethyl)ether	1.290	1.390	0.100	7.8023	50.0
2-Chlorophenol	1.214	1.272	0.200	4.7393	50.0
2-Methylphenol	1.212	1.274	0.010	5.1461	50.0
2,2-oxybis(1-Chloropropane)	1.568	1.784	0.010	13.7812	50.0
Acetophenone	2.132	2.258	0.060	5.9377	50.0
4-Methylphenol	1.308	1.362	0.010	4.1334	50.0
N-Nitroso-di-n-propylamine	1.162	1.216	0.050	4.6485	50.0
Hexachloroethane	0.591	0.625	0.100	5.6919	50.0
Nitrobenzene	0.454	0.497	0.050	9.3974	50.0
Isophorone	0.805	0.830	0.050	3.0652	50.0
2-Nitrophenol	0.184	0.190	0.050	3.3116	50.0
2,4-Dimethylphenol	0.407	0.424	0.050	4.1095	50.0
Bis(2-Chloroethoxy)methane	0.455	0.475	0.050	4.4879	50.0
2,4-Dichlorophenol	0.360	0.358	0.060	-0.4802	50.0
Naphthalene	1.047	1.069	0.200	2.1469	50.0
4-Chloroaniline	0.395	0.400	0.010	1.4154	50.0
Hexachlorobutadiene	0.319	0.335	0.040	5.0218	50.0
Caprolactam	0.105	0.105	0.010	-0.3746	50.0
4-Chloro-3-methylphenol	0.391	0.404	0.040	3.3341	50.0
1-Methylnaphthalene	0.791	0.804	0.100	1.5722	50.0
2-Methylnaphthalene	0.776	0.777	0.100	0.0977	50.0
Hexachlorocyclopentadiene	0.351	0.344	0.010	-2.0317	50.0
2,4,6-Trichlorophenol	0.432	0.440	0.090	1.8667	50.0
2,4,5-Trichlorophenol	0.461	0.449	0.100	-2.767	50.0
1,1-Biphenyl	1.417	1.425	0.200	0.5305	50.0
2-Chloronaphthalene	1.146	1.166	0.300	1.7463	50.0
2-Nitroaniline	0.332	0.357	0.050	7.6228	50.0
Dimethylphthalate	1.529	1.542	0.300	0.8039	50.0
2,6-Dinitrotoluene	0.293	0.304	0.080	3.6118	50.0
Acenaphthylene	1.668	1.684	0.400	0.9973	50.0
3-Nitroaniline	0.246	0.253	0.010	2.9712	50.0
Acenaphthene	1.219	1.231	0.200	0.992	50.0
2,4-Dinitrophenol	0.189	0.161	0.010	-14.5661	50.0
4-Nitrophenol	0.256	0.274	0.010	7.0901	50.0
Dibenzofuran	1.851	1.821	0.300	-1.6542	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024

Instrument ID: BNA_P Calibration Date/Time: 12/11/2024 : 07:25

Lab File ID: BP023369.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020742 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	0.461	0.070	-2.3344	50.0
Diethylphthalate	1.525	1.550	0.300	1.5967	50.0
Fluorene	1.507	1.490	0.200	-1.1691	50.0
4-Chlorophenyl-phenylether	0.874	0.867	0.100	-0.8453	50.0
4-Nitroaniline	0.216	0.236	0.010	9.1359	50.0
4,6-Dinitro-2-methylphenol	0.128	0.124	0.010	-3.0683	50.0
N-Nitrosodiphenylamine	0.511	0.526	0.050	2.9315	50.0
1,2,4,5-Tetrachlorobenzene	0.730	0.741	0.100	1.5808	50.0
4-Bromophenyl-phenylether	0.236	0.232	0.070	-1.5794	50.0
Hexachlorobenzene	0.289	0.289	0.050	-0.2555	50.0
Atrazine	0.222	0.239	0.010	7.4325	50.0
Pentachlorophenol	0.169	0.164	0.010	-2.88	50.0
Phenanthrene	1.034	1.041	0.200	0.6513	50.0
Pentachlorobenzene	0.318	0.322	0.050	1.2493	50.0
Anthracene	1.034	1.055	0.200	2.0818	50.0
1,2,3,4-Tetrachlorobenzene	0.288	0.303	0.050	4.9696	50.0
Carbazole	0.842	0.907	0.050	7.6481	50.0
Di-n-butylphthalate	1.035	1.085	0.500	4.8806	50.0
Fluoranthene	1.197	1.203	0.400	0.5036	50.0
Pyrene	1.271	1.256	0.400	-1.1438	50.0
Butylbenzylphthalate	0.440	0.453	0.100	3.008	50.0
3,3-Dichlorobenzidine	0.459	0.464	0.010	1.163	50.0
Benzo (a) anthracene	1.341	1.354	0.300	0.9493	50.0
Chrysene	1.285	1.280	0.200	-0.3971	50.0
Bis (2-ethylhexyl) phthalate	0.632	0.668	0.200	5.6583	50.0
Di-n-octyl phthalate	0.977	1.017	0.010	4.1015	50.0
Benzo (b) fluoranthene	1.257	1.266	0.200	0.7807	50.0
Benzo (k) fluoranthene	1.250	1.280	0.200	2.387	50.0
Benzo (a) pyrene	1.139	1.152	0.200	1.1416	50.0
Indeno (1,2,3-cd) pyrene	1.464	1.478	0.200	0.9524	50.0
Dibenzo (a,h) anthracene	1.172	1.154	0.200	-1.5152	50.0
Benzo (g,h,i) perylene	1.121	1.112	0.200	-0.7865	50.0
2,3,4,6-Tetrachlorophenol	0.458	0.448	0.040	-2.2289	50.0
1,4-Dioxane-d8	0.543	0.598	0.010	10.058	50.0
Pyridine-d5	1.397	1.464	0.010	4.804	50.0
Phenol-d5	1.569	1.566	0.010	-0.1999	50.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.112	0.050	12.325	50.0
2-Chlorophenol-d4	1.158	1.203	0.200	3.8967	50.0
4-Methylphenol-d8	1.267	1.286	0.010	1.5299	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG No.: BP121024
 Instrument ID: BNA_P Calibration Date/Time: 12/11/2024 : 07:25
 Lab File ID: BP023369.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020742 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.155	0.050	3.7913	50.0
2-Nitrophenol-d4	0.172	0.178	0.050	3.3918	50.0
2,4-Dichlorophenol-d3	0.363	0.367	0.060	0.9153	50.0
4-Chloroaniline-d4	0.407	0.419	0.010	2.9316	50.0
Dimethylphthalate-d6	1.553	1.564	0.300	0.7154	50.0
Acenaphthylene-d8	1.638	1.680	0.400	2.5959	50.0
4-Nitrophenol-d4	0.190	0.173	0.010	-8.945	50.0
Fluorene-d10	1.366	1.349	0.100	-1.203	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.115	0.010	-4.8796	50.0
Anthracene-d10	0.913	0.932	0.300	2.1532	50.0
Pyrene-d10	1.045	1.043	0.300	-0.2131	50.0
Benzo(a)pyrene-d12	1.071	1.066	0.010	-0.4547	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK457	SDG No.:	BP121024
Lab Sample ID:	PB165457BL	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
BP023341.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK457	SDG No.:	BP121024
Lab Sample ID:	PB165457BL	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
BP023341.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK457	SDG No.:	BP121024
Lab Sample ID:	PB165457BL	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
BP023341.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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	5.637		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	26.472		20-120		66	SPK: -40
4165-62-2	Phenol-d5	27.659		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.829		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.511		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.628		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.614		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.175		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.397		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.672		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.283		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.721		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.711		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	26.512		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK457	SDG No.:	BP121024
Lab Sample ID:	PB165457BL	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
BP023341.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.441		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	26.821		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.492		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.262		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86871	7.522				
1146-65-2	Naphthalene-d8	311732	10.275				
15067-26-2	Acenaphthene-d10	222219	14.145				
1517-22-2	Phenanthrene-d10	527843	16.951				
1719-03-5	Chrysene-d12	583477	21.392				
1520-96-3	Perylene-d12	697756	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK459	SDG No.:	BP121024
Lab Sample ID:	PB165459BL	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
BP023342.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK459	SDG No.:	BP121024
Lab Sample ID:	PB165459BL	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
BP023342.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK459	SDG No.:	BP121024
Lab Sample ID:	PB165459BL	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
BP023342.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.631		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	31.621		20-120		79	SPK: -40
4165-62-2	Phenol-d5	30.125		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.486		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.957		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.414		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.21		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.25		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.515		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.649		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.894		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.099		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.912		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	29.213		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK459	SDG No.:	BP121024
Lab Sample ID:	PB165459BL	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
BP023342.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.335		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	31.68		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	30.171		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.464		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63644	7.54				
1146-65-2	Naphthalene-d8	230687	10.287				
15067-26-2	Acenaphthene-d10	165485	14.157				
1517-22-2	Phenanthrene-d10	381241	16.963				
1719-03-5	Chrysene-d12	447577	21.386				
1520-96-3	Perylene-d12	566617	24.563				
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:	BHJ99	SDG No.:	BP121024
Lab Sample ID:	P5107-20	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
BP023343.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ99	SDG No.:	BP121024
Lab Sample ID:	P5107-20	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
BP023343.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ99	SDG No.:	BP121024
Lab Sample ID:	P5107-20	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 :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023343.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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	4.262		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	3.134	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	5.524		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.1		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.7		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	13.791		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	25.501		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.094		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.01		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.423		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.163		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.62		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.757		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	26.715		25-125		67	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:	BHJ99	SDG No.:	BP121024
Lab Sample ID:	P5107-20	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
BP023343.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.268		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	29.95		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	29.752		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.583		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69132	7.54				
1146-65-2	Naphthalene-d8	247976	10.287				
15067-26-2	Acenaphthene-d10	176285	14.157				
1517-22-2	Phenanthrene-d10	390235	16.957				
1719-03-5	Chrysene-d12	427310	21.386				
1520-96-3	Perylene-d12	543265	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-80-1	Oleic Acid	6.2	J			19.11	
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:	BHJ99MS	SDG No.:	BP121024
Lab Sample ID:	P5107-21MS	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
BP023344.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	21		1.1	5	10	ug/L
110-86-1	Pyridine	3.5	J	1.7	10	10	ug/L
108-95-2	Phenol	13		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	26		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	31		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		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	27		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	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	28		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	8.6	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	5	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.6	2.5	5	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:	BHJ99MS	SDG No.:	BP121024
Lab Sample ID:	P5107-21MS	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
BP023344.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	41		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		1.6	5	10	ug/L
83-32-9	Acenaphthene	33		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	40		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	15		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	39		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	39		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	45		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	38		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	33		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.7	2.5	5	ug/L
120-12-7	Anthracene	35		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	39		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	40		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.9	5	5	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:	BHJ99MS	SDG No.:	BP121024
Lab Sample ID:	P5107-21MS	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
BP023344.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	36		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	39		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	35		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.476		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	3.359	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	12.063		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.147		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.44		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	23.784		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	28.739		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.56		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.755		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.395		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.231		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	31.807		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.493		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	35.673		25-125		89	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:	BHJ99MS	SDG No.:	BP121024
Lab Sample ID:	P5107-21MS	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
BP023344.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.656		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	35.795		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.551		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.663		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65355	7.546				
1146-65-2	Naphthalene-d8	263424	10.281				
15067-26-2	Acenaphthene-d10	225289	14.157				
1517-22-2	Phenanthrene-d10	634014	16.951				
1719-03-5	Chrysene-d12	780459	21.38				
1520-96-3	Perylene-d12	870349	24.551				
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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023345.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	20		1.1	5	10	ug/L
110-86-1	Pyridine	3.2	J	1.7	10	10	ug/L
108-95-2	Phenol	12		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	25		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	22		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	23		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	24		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	26		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	6.9	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.5	2.5	5	ug/L
105-60-2	Caprolactam	4	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		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	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		1.6	2.5	5	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023345.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	12		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	31		1.9	5	10	ug/L
85-01-8	Phenanthrene	32		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	33		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023345.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	22		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		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	33		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.565		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	3.284	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	11.177		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.411		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.061		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	21.447		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	27.441		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.85		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.265		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.921		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.847		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.682		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.327		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	30.451		25-125		76	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023345.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.108		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	32.889		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.247		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.182		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119669	7.546				
1146-65-2	Naphthalene-d8	445007	10.281				
15067-26-2	Acenaphthene-d10	318953	14.151				
1517-22-2	Phenanthrene-d10	739022	16.963				
1719-03-5	Chrysene-d12	804966	21.38				
1520-96-3	Perylene-d12	947865	24.562				
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:	BHJA2	SDG No.:	BP121024
Lab Sample ID:	P5109-03	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
BP023346.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA2	SDG No.:	BP121024
Lab Sample ID:	P5109-03	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
BP023346.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA2	SDG No.:	BP121024
Lab Sample ID:	P5109-03	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
BP023346.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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	4.201		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	2.734	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	6.273		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.89		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.909		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	15.806		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	26.47		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.836		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.839		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.575		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.014		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	26.989		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.53		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.696		25-125		72	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:	BHJA2	SDG No.:	BP121024
Lab Sample ID:	P5109-03	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
BP023346.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.179		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	33.659		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.05		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.962		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87184	7.54				
1146-65-2	Naphthalene-d8	330143	10.287				
15067-26-2	Acenaphthene-d10	247596	14.157				
1517-22-2	Phenanthrene-d10	581353	16.963				
1719-03-5	Chrysene-d12	648067	21.392				
1520-96-3	Perylene-d12	719727	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-80-1	Oleic Acid	3.1	J			19.104	
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:	BHJA2MS	SDG No.:	BP121024
Lab Sample ID:	P5109-04MS	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
BP023347.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	14		1.1	5	10	ug/L
110-86-1	Pyridine	4.8	J	1.7	10	10	ug/L
108-95-2	Phenol	5.1	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	19		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	17		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	13		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.9	5	10	ug/L
98-86-2	Acetophenone	20		1.5	5	10	ug/L
106-44-5	4-Methylphenol	12		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	20		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	16		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	21		1.4	2.5	5	ug/L
78-59-1	Isophorone	21		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	11		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	16		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	20		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	18		1.1	2.5	5	ug/L
91-20-3	Naphthalene	19		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	6.2	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	18		1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	19		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	19		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	19		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	20		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	20		1.6	2.5	5	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:	BHJA2MS	SDG No.:	BP121024
Lab Sample ID:	P5109-04MS	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
BP023347.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	21		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	21		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	25		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	23		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	24		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	21		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	20		1.6	5	10	ug/L
83-32-9	Acenaphthene	22		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	4.7	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	22		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	22		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	24		1.3	2.5	5	ug/L
86-73-7	Fluorene	23		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	26		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	23		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	23		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	23		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	16		1.9	5	10	ug/L
85-01-8	Phenanthrene	23		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	22		1.7	2.5	5	ug/L
120-12-7	Anthracene	23		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	21		1.7	2.5	5	ug/L
86-74-8	Carbazole	26		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	25		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	22		1.9	5	5	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:	BHJA2MS	SDG No.:	BP121024
Lab Sample ID:	P5109-04MS	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
BP023347.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	24		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	22		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	24		1.1	2.5	5	ug/L
218-01-9	Chrysene	23		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	25		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	23		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	23		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	23		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	24		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	23		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	23		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	23		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	19		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.809		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	4.949	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	4.566		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.772		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.677		20-130		42	SPK: -40
190780-66-6	4-Methylphenol-d8	10.782		25-125		27	SPK: -40
4165-60-0	Nitrobenzene-d5	19.482		20-125		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.432		20-130		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.018		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.448		1-146		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.673		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	21.021		10-130		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.682		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	22.569		25-125		56	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:	BHJA2MS	SDG No.:	BP121024
Lab Sample ID:	P5109-04MS	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
BP023347.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.217	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	23.758		25-130		59	SPK: -40
1718-52-1	Pyrene-d10	22.353		15-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.576		20-130		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78407	7.546				
1146-65-2	Naphthalene-d8	293689	10.287				
15067-26-2	Acenaphthene-d10	220113	14.145				
1517-22-2	Phenanthrene-d10	558935	16.963				
1719-03-5	Chrysene-d12	712517	21.38				
1520-96-3	Perylene-d12	875304	24.551				
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:	BHJA2MSD	SDG No.:	BP121024
Lab Sample ID:	P5109-05MSD	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
BP023348.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	14		1.1	5	10	ug/L
110-86-1	Pyridine	4.8	J	1.7	10	10	ug/L
108-95-2	Phenol	5.5	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	20		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	17		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	14		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.9	5	10	ug/L
98-86-2	Acetophenone	19		1.5	5	10	ug/L
106-44-5	4-Methylphenol	12		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	20		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	16		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	21		1.4	2.5	5	ug/L
78-59-1	Isophorone	21		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	11		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	16		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	20		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	18		1.1	2.5	5	ug/L
91-20-3	Naphthalene	19		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	6.4	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	17		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	18		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	19		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	19		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	19		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	19		1.6	2.5	5	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:	BHJA2MSD	SDG No.:	BP121024
Lab Sample ID:	P5109-05MSD	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
BP023348.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	21		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	21		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	24		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	23		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	23		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	21		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	19		1.6	5	10	ug/L
83-32-9	Acenaphthene	21		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	4.5	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	21		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	21		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	22		1.3	2.5	5	ug/L
86-73-7	Fluorene	21		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	21		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	25		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	23		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	23		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	22		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	16		1.9	5	10	ug/L
85-01-8	Phenanthrene	23		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	22		1.7	2.5	5	ug/L
120-12-7	Anthracene	23		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	21		1.7	2.5	5	ug/L
86-74-8	Carbazole	25		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	24		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	23		1.9	5	5	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:	BHJA2MSD	SDG No.:	BP121024
Lab Sample ID:	P5109-05MSD	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
BP023348.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	26		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	23		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	24		1.1	2.5	5	ug/L
218-01-9	Chrysene	24		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	24		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	23		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	24		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	24		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	24		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	24		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	24		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.546		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	4.875	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	4.68		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.135		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.833		20-130		42	SPK: -40
190780-66-6	4-Methylphenol-d8	10.753		25-125		27	SPK: -40
4165-60-0	Nitrobenzene-d5	19.622		20-125		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.603		20-130		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.138		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.453		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.781		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	20.629		10-130		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.479		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.562		25-125		54	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:	BHJA2MSD	SDG No.:	BP121024
Lab Sample ID:	P5109-05MSD	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
BP023348.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.179	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	23.214		25-130		58	SPK: -40
1718-52-1	Pyrene-d10	24.218		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.968		20-130		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96588	7.54				
1146-65-2	Naphthalene-d8	356771	10.287				
15067-26-2	Acenaphthene-d10	263375	14.151				
1517-22-2	Phenanthrene-d10	627050	16.963				
1719-03-5	Chrysene-d12	701395	21.386				
1520-96-3	Perylene-d12	858109	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS457	SDG No.:	BP121024
Lab Sample ID:	PB165457BS	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
BP023349.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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	7.9	J	1.1	5	10	ug/L
110-86-1	Pyridine	27		1.7	10	10	ug/L
108-95-2	Phenol	30		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		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	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	27		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		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	23		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	28		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS457	SDG No.:	BP121024
Lab Sample ID:	PB165457BS	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
BP023349.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

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	30		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	28		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		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	26		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		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	26		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		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	25		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	25		1.2	2.5	5	ug/L
1912-24-9	Atrazine	28		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.9	5	10	ug/L
85-01-8	Phenanthrene	26		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		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	28		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS457	SDG No.:	BP121024
Lab Sample ID:	PB165457BS	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
BP023349.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		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	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	27		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	26		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		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	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.523		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	27.908		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.907		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.791		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.544		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.963		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	26.868		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.15		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.972		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.912		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.132		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.774		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.285		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	26.726		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS457	SDG No.:	BP121024
Lab Sample ID:	PB165457BS	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
BP023349.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.494		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	26.906		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.017		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.458		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88482	7.546				
1146-65-2	Naphthalene-d8	328844	10.281				
15067-26-2	Acenaphthene-d10	258628	14.151				
1517-22-2	Phenanthrene-d10	649642	16.957				
1719-03-5	Chrysene-d12	729077	21.386				
1520-96-3	Perylene-d12	839051	24.568				
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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023350.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	22		1.1	5	10	ug/L
110-86-1	Pyridine	3.6	J	1.7	10	10	ug/L
108-95-2	Phenol	13		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	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	25		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	28		1.5	5	10	ug/L
106-44-5	4-Methylphenol	24		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	32		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		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	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	7.4	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.5	J	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	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.6	2.5	5	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023350.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		1.6	5	10	ug/L
83-32-9	Acenaphthene	33		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	12		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	36		1.3	2.5	5	ug/L
86-73-7	Fluorene	34		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		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	38		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	32		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.7	2.5	5	ug/L
120-12-7	Anthracene	35		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		1.7	2.5	5	ug/L
86-74-8	Carbazole	38		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	38		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.9	5	5	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023350.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	25		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	36		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	37		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	37		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	33		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.452		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	3.646	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	12.326		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.929		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.191		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	22.832		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	30.541		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.469		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.644		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.154		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.395		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	33.518		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.1		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	33.288		25-125		83	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:	BHJ99MSD	SDG No.:	BP121024
Lab Sample ID:	P5107-22MSD	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
BP023350.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.481		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	35.389		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	35.218		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.495		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108310	7.546				
1146-65-2	Naphthalene-d8	385518	10.281				
15067-26-2	Acenaphthene-d10	275538	14.145				
1517-22-2	Phenanthrene-d10	670137	16.957				
1719-03-5	Chrysene-d12	773767	21.392				
1520-96-3	Perylene-d12	912697	24.562				
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:	BHJA0	SDG No.:	BP121024
Lab Sample ID:	P5109-01	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
BP023351.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA0	SDG No.:	BP121024
Lab Sample ID:	P5109-01	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
BP023351.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA0	SDG No.:	BP121024
Lab Sample ID:	P5109-01	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
BP023351.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	4.318		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	2.318	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	5.247		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.948		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.699		20-130		52	SPK: -40
190780-66-6	4-Methylphenol-d8	13.492		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	23.023		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.964		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.306		20-120		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.511		1-146		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.668		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	24.561		10-130		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.612		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	25.443		25-125		64	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:	BHJA0	SDG No.:	BP121024
Lab Sample ID:	P5109-01	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
BP023351.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.269		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.476		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	27.374		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.604		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100275	7.546				
1146-65-2	Naphthalene-d8	378585	10.287				
15067-26-2	Acenaphthene-d10	284432	14.163				
1517-22-2	Phenanthrene-d10	675483	16.969				
1719-03-5	Chrysene-d12	773080	21.392				
1520-96-3	Perylene-d12	871261	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-79-8	9-Octadecenoic acid, (E)-	3.5	J			19.104	
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:	BHJA1	SDG No.:	BP121024
Lab Sample ID:	P5109-02	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
BP023352.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA1	SDG No.:	BP121024
Lab Sample ID:	P5109-02	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
BP023352.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA1	SDG No.:	BP121024
Lab Sample ID:	P5109-02	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
BP023352.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	4.168		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	2.46	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	7.002		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.302		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.721		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.771		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	28.995		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.094		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.731		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.2		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.454		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	27.435		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.256		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	29.524		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:	BHJA1	SDG No.:	BP121024
Lab Sample ID:	P5109-02	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
BP023352.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.465		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	31.919		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.066		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.858		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85565	7.546				
1146-65-2	Naphthalene-d8	311514	10.287				
15067-26-2	Acenaphthene-d10	223677	14.151				
1517-22-2	Phenanthrene-d10	517047	16.957				
1719-03-5	Chrysene-d12	564867	21.386				
1520-96-3	Perylene-d12	686274	24.562				
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:	BHJA3	SDG No.:	BP121024
Lab Sample ID:	P5109-06	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
BP023353.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA3	SDG No.:	BP121024
Lab Sample ID:	P5109-06	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
BP023353.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJA3	SDG No.:	BP121024
Lab Sample ID:	P5109-06	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
BP023353.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	4.541		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	3.582	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.97		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.935		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.317		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.272		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	32.941		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.377		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.565		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.003		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.806		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	33.136		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.49		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	33.89		25-125		85	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:	BHJA3	SDG No.:	BP121024
Lab Sample ID:	P5109-06	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
BP023353.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.626		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	35.769		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.387		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.415		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77178	7.546				
1146-65-2	Naphthalene-d8	276918	10.287				
15067-26-2	Acenaphthene-d10	201179	14.146				
1517-22-2	Phenanthrene-d10	480077	16.951				
1719-03-5	Chrysene-d12	548022	21.392				
1520-96-3	Perylene-d12	671932	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-79-8	9-Octadecenoic acid, (E)-	3.8	J			19.116	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS459	SDG No.:	BP121024
Lab Sample ID:	PB165459BS	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
BP023354.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

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	6.7	J	1.1	5	10	ug/L
110-86-1	Pyridine	27		1.7	10	10	ug/L
108-95-2	Phenol	30		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.9	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	29		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	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	26		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	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	25		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.5	2.5	5	ug/L
105-60-2	Caprolactam	27		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		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	23		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS459	SDG No.:	BP121024
Lab Sample ID:	PB165459BS	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
BP023354.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	25		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		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	28		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	28		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	27		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	26		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		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	24		1.2	2.5	5	ug/L
1912-24-9	Atrazine	27		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	25		1.9	5	10	ug/L
85-01-8	Phenanthrene	25		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	23		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	23		1.7	2.5	5	ug/L
86-74-8	Carbazole	28		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS459	SDG No.:	BP121024
Lab Sample ID:	PB165459BS	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
BP023354.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		1.1	2.5	5	ug/L
218-01-9	Chrysene	26		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	26		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	26		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	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.191		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	27.484		20-120		69	SPK: -40
4165-62-2	Phenol-d5	29.425		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.412		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.946		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.136		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	25.842		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.494		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.969		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.082		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.205		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.228		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.793		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	26.309		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS459	SDG No.:	BP121024
Lab Sample ID:	PB165459BS	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
BP023354.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.72		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	25.635		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	25.947		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.165		20-130		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76500	7.546				
1146-65-2	Naphthalene-d8	299596	10.287				
15067-26-2	Acenaphthene-d10	251573	14.151				
1517-22-2	Phenanthrene-d10	674469	16.945				
1719-03-5	Chrysene-d12	763886	21.375				
1520-96-3	Perylene-d12	868425	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SBLK469	SDG No.:	BP121024
Lab Sample ID:	PB165469BL	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
BP023356.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK469	SDG No.:	BP121024
Lab Sample ID:	PB165469BL	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
BP023356.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK469	SDG No.:	BP121024
Lab Sample ID:	PB165469BL	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
BP023356.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	5.371		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.562		20-120		61	SPK: -40
4165-62-2	Phenol-d5	25.963		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.459		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.233		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.913		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.002		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.695		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.726		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.582		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.475		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.671		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.899		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	25.728		25-125		64	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:	SBLK469	SDG No.:	BP121024
Lab Sample ID:	PB165469BL	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
BP023356.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.114		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	25.885		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	26.625		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.011		20-130		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96110	7.54				
1146-65-2	Naphthalene-d8	349851	10.281				
15067-26-2	Acenaphthene-d10	252662	14.14				
1517-22-2	Phenanthrene-d10	637341	16.945				
1719-03-5	Chrysene-d12	710874	21.386				
1520-96-3	Perylene-d12	798130	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SBLK476	SDG No.:	BP121024
Lab Sample ID:	PB165476BL	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
BP023357.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165476

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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK476	SDG No.:	BP121024
Lab Sample ID:	PB165476BL	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
BP023357.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165476

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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK476	SDG No.:	BP121024
Lab Sample ID:	PB165476BL	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
BP023357.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.425		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	29.782		20-120		74	SPK: -40
4165-62-2	Phenol-d5	29.139		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.747		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.715		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.98		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.217		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.59		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.462		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.292		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.808		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.008		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.233		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	27.669		25-125		69	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:	SBLK476	SDG No.:	BP121024
Lab Sample ID:	PB165476BL	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
BP023357.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.888		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	29.385		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	28.483		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.802		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68572	7.54				
1146-65-2	Naphthalene-d8	250911	10.281				
15067-26-2	Acenaphthene-d10	185300	14.145				
1517-22-2	Phenanthrene-d10	432339	16.939				
1719-03-5	Chrysene-d12	492062	21.38				
1520-96-3	Perylene-d12	617575	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB3	SDG No.:	BP121024
Lab Sample ID:	P5109-07	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
BP023358.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB3	SDG No.:	BP121024
Lab Sample ID:	P5109-07	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
BP023358.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB3	SDG No.:	BP121024
Lab Sample ID:	P5109-07	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
BP023358.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	3.939		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	3.186	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	7.242		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.356		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.739		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.137		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	31.873		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.075		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.553		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.664		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.981		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.445		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.129		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.576		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB3	SDG No.:	BP121024
Lab Sample ID:	P5109-07	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
BP023358.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.136		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	33.725		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	32.72		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.794		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70584	7.546				
1146-65-2	Naphthalene-d8	249348	10.287				
15067-26-2	Acenaphthene-d10	178164	14.163				
1517-22-2	Phenanthrene-d10	424806	16.957				
1719-03-5	Chrysene-d12	496892	21.386				
1520-96-3	Perylene-d12	616657	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-79-8	9-Octadecenoic acid, (E)-	5.3	J			19.104	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB4	SDG No.:	BP121024
Lab Sample ID:	P5109-08	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
BP023359.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB4	SDG No.:	BP121024
Lab Sample ID:	P5109-08	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
BP023359.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB4	SDG No.:	BP121024
Lab Sample ID:	P5109-08	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
BP023359.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

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	4.646		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	2.489	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	6.559		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.241		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.531		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	17.276		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.723		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.266		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.162		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.584		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.858		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.056		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.749		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	34.086		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJB4	SDG No.:	BP121024
Lab Sample ID:	P5109-08	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
BP023359.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.194		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	35.014		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.41		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.001		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59404	7.54				
1146-65-2	Naphthalene-d8	223631	10.281				
15067-26-2	Acenaphthene-d10	171561	14.145				
1517-22-2	Phenanthrene-d10	444314	16.957				
1719-03-5	Chrysene-d12	523524	21.392				
1520-96-3	Perylene-d12	651992	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-79-8	9-Octadecenoic acid, (E)-	2.5	J			19.11	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BG450	SDG No.:	BP121024
Lab Sample ID:	P5111-01	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
BP023360.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	J	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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BG450	SDG No.:	BP121024
Lab Sample ID:	P5111-01	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
BP023360.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BG450	SDG No.:	BP121024
Lab Sample ID:	P5111-01	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
BP023360.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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	4.79		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	4.715	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	5.973		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.275		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.286		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	15.095		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	28.771		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.107		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.613		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.723		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.871		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	28.689		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.374		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	31.047		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BG450	SDG No.:	BP121024
Lab Sample ID:	P5111-01	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
BP023360.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.329		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	34.187		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.298		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.632		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73151	7.54				
1146-65-2	Naphthalene-d8	259053	10.281				
15067-26-2	Acenaphthene-d10	183974	14.151				
1517-22-2	Phenanthrene-d10	429958	16.963				
1719-03-5	Chrysene-d12	503833	21.398				
1520-96-3	Perylene-d12	620561	24.58				
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:	BG455	SDG No.:	BP121024
Lab Sample ID:	P5111-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BP023361.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BG455	SDG No.:	BP121024
Lab Sample ID:	P5111-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023361.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BG455	SDG No.:	BP121024
Lab Sample ID:	P5111-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023361.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.948		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	4.331	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.853		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.596		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.135		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.207		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	29.295		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.701		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.301		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.792		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.514		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	29.706		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.752		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	31.208		25-125		78	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:	BG455	SDG No.:	BP121024
Lab Sample ID:	P5111-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023361.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.979		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	31.774		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	29.818		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.524		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67177	7.546				
1146-65-2	Naphthalene-d8	262448	10.287				
15067-26-2	Acenaphthene-d10	199509	14.157				
1517-22-2	Phenanthrene-d10	499814	16.957				
1719-03-5	Chrysene-d12	680589	21.386				
1520-96-3	Perylene-d12	853496	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	5.1	J			15.545	
E966796	Total Alkanes	1.1	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:	BG458	SDG No.:	BP121024
Lab Sample ID:	P5111-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023362.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG458	SDG No.:	BP121024
Lab Sample ID:	P5111-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023362.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG458	SDG No.:	BP121024
Lab Sample ID:	P5111-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023362.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.462		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.619		20-120		24	SPK: -40
4165-62-2	Phenol-d5	7.067		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.225		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.647		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	16.793		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	25.999		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.252		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.018		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.659		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.272		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	26.624		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.532		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	29.489		25-125		74	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:	BG458	SDG No.:	BP121024
Lab Sample ID:	P5111-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023362.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.618		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	31.51		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	31.113		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.862		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94553	7.54				
1146-65-2	Naphthalene-d8	335431	10.281				
15067-26-2	Acenaphthene-d10	240159	14.145				
1517-22-2	Phenanthrene-d10	594917	16.957				
1719-03-5	Chrysene-d12	771694	21.386				
1520-96-3	Perylene-d12	888814	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
001551-34-4	Thiophane, propyl-	2.2	J			11.146	
013798-23-7	Hexathiane	6.3	J			14.745	
000119-61-9	Benzophenone	5.5	J			15.54	
000057-10-3	n-Hexadecanoic acid	5.1	J			17.892	
	(DEL) Alkane: Straight-Chain	2.2	J			21.08	
E966796	Total Alkanes	2.2				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:	BG459	SDG No.:	BP121024
Lab Sample ID:	P5111-10	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
BP023363.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG459	SDG No.:	BP121024
Lab Sample ID:	P5111-10	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
BP023363.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG459	SDG No.:	BP121024
Lab Sample ID:	P5111-10	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
BP023363.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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	3.884		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.49		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.743		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.167		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	21.034		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.672		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.719		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.001		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.412		1-146		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.383		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	27.227		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.466		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	28.217		25-125		71	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:	BG459	SDG No.:	BP121024
Lab Sample ID:	P5111-10	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
BP023363.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.151		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	30.354		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	31.566		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.485		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100574	7.54				
1146-65-2	Naphthalene-d8	373066	10.281				
15067-26-2	Acenaphthene-d10	267783	14.145				
1517-22-2	Phenanthrene-d10	639343	16.963				
1719-03-5	Chrysene-d12	704108	21.398				
1520-96-3	Perylene-d12	804099	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	BG460	SDG No.:	BP121024
Lab Sample ID:	P5111-11	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
BP023364.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG460	SDG No.:	BP121024
Lab Sample ID:	P5111-11	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
BP023364.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BG460	SDG No.:	BP121024
Lab Sample ID:	P5111-11	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 :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023364.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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	4.46		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	3.57	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	8.531		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.323		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.799		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.313		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.023		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.306		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.125		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.268		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.937		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.308		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.728		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	31.553		25-125		79	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:	BG460	SDG No.:	BP121024
Lab Sample ID:	P5111-11	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
BP023364.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.662		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	33.748		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	33.787		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.748		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85589	7.54				
1146-65-2	Naphthalene-d8	326249	10.281				
15067-26-2	Acenaphthene-d10	238638	14.157				
1517-22-2	Phenanthrene-d10	563516	16.957				
1719-03-5	Chrysene-d12	623814	21.386				
1520-96-3	Perylene-d12	777676	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.1	J			15.545	
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:	BG461	SDG No.:	BP121024
Lab Sample ID:	P5111-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023365.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BG461	SDG No.:	BP121024
Lab Sample ID:	P5111-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023365.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BG461	SDG No.:	BP121024
Lab Sample ID:	P5111-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023365.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.118		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	4.202	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.613		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.413		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.385		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	18.042		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.041		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	29.051		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.871		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.602		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	29.012		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.387		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	31.377		25-125		78	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:	BG461	SDG No.:	BP121024
Lab Sample ID:	P5111-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BP023365.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.991		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	33.869		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	32.523		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.869		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86609	7.54				
1146-65-2	Naphthalene-d8	306562	10.281				
15067-26-2	Acenaphthene-d10	237764	14.151				
1517-22-2	Phenanthrene-d10	585308	16.969				
1719-03-5	Chrysene-d12	692733	21.392				
1520-96-3	Perylene-d12	799728	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-76-2	Ethanol, 2-butoxy-	2.7	J			5.687	
000100-51-6	Benzyl alcohol	2.3	J			7.822	
000090-05-1	Phenol, 2-methoxy-	6.3	J			8.622	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	3.8	J			10.093	
000121-33-5	Vanillin	2.6	J			13.11	
000498-02-2	Apocynin	5.8	J			14.034	
000645-08-9	3-Hydroxy-4-methoxybenzoic acid	4.4	J			14.681	
000084-66-2	Diethyl Phthalate	5.8	J			14.998	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.2	J			17.657	
E966796	Total Alkanes	1.1	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:	SLCS469	SDG No.:	BP121024
Lab Sample ID:	PB165469BS	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
BP023366.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	7.4	J	1.1	5	10	ug/L
110-86-1	Pyridine	26		1.7	10	10	ug/L
108-95-2	Phenol	27		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	27		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		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	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	25		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		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	27		1.6	2.5	5	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:	SLCS469	SDG No.:	BP121024
Lab Sample ID:	PB165469BS	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
BP023366.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25		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	30		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	27		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	23		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	27		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	25		1.2	2.5	5	ug/L
1912-24-9	Atrazine	27		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	26		1.9	5	10	ug/L
85-01-8	Phenanthrene	26		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		1.7	2.5	5	ug/L
86-74-8	Carbazole	28		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.9	5	5	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:	SLCS469	SDG No.:	BP121024
Lab Sample ID:	PB165469BS	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
BP023366.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	25		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		1.1	2.5	5	ug/L
218-01-9	Chrysene	25		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	26		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	26		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	5.206		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.026		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.197		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.832		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.388		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.492		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	25.202		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.039		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.043		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.843		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.308		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.864		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.765		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	26.024		25-125		65	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:	SLCS469	SDG No.:	BP121024
Lab Sample ID:	PB165469BS	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
BP023366.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.917		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	25.961		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	25.662		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.296		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83703	7.54				
1146-65-2	Naphthalene-d8	314124	10.281				
15067-26-2	Acenaphthene-d10	248211	14.145				
1517-22-2	Phenanthrene-d10	639518	16.957				
1719-03-5	Chrysene-d12	750655	21.392				
1520-96-3	Perylene-d12	844170	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SLCS476	SDG No.:	BP121024
Lab Sample ID:	PB165476BS	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
BP023367.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	3.4	J	1.1	5	10	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
108-95-2	Phenol	31		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		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)	30		1.9	5	10	ug/L
98-86-2	Acetophenone	29		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	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	28		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	29		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	10		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		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	31		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	25		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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS476	SDG No.:	BP121024
Lab Sample ID:	PB165476BS	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
BP023367.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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	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	20		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	28		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	26		1.2	2.5	5	ug/L
1912-24-9	Atrazine	4.6	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		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	27		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.9	5	5	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:	SLCS476	SDG No.:	BP121024
Lab Sample ID:	PB165476BS	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
BP023367.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

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	31		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	8.7	J	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	31		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		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	29		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	27		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.738		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	30.842		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.81		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.416		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.757		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.604		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	28.209		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.623		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.002		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.565		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.916		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.37		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.757		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	28.598		25-125		71	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:	SLCS476	SDG No.:	BP121024
Lab Sample ID:	PB165476BS	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
BP023367.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165476

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.744		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	28.062		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.735		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.081		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95000	7.546				
1146-65-2	Naphthalene-d8	367614	10.281				
15067-26-2	Acenaphthene-d10	297480	14.157				
1517-22-2	Phenanthrene-d10	787569	16.957				
1719-03-5	Chrysene-d12	904525	21.392				
1520-96-3	Perylene-d12	960557	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121024
Lab Sample ID:	P5193-10	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
BP023368.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165502

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121024
Lab Sample ID:	P5193-10	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
BP023368.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165502

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121024
Lab Sample ID:	P5193-10	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
BP023368.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165502

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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP121024
Lab Sample ID:	P5193-10	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
BP023368.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165502

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	102513	7.54				
1146-65-2	Naphthalene-d8	372899	10.287				
15067-26-2	Acenaphthene-d10	257805	14.157				
1517-22-2	Phenanthrene-d10	572704	16.963				
1719-03-5	Chrysene-d12	614013	21.392				
1520-96-3	Perylene-d12	699851	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHJ99								
P5107-20	BHJ99	Water	Oleic Acid	*	6.200	J		
P5107-20	BHJ99	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			6.20		
			Total Concentration:			6.20		
Client ID : BHJA0								
P5109-01	BHJA0	Water	9-Octadecenoic acid, (E)-	*	3.500	J		
P5109-01	BHJA0	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			3.50		
			Total Concentration:			3.50		
Client ID : BHJA1								
P5109-02	BHJA1	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHJA2								
P5109-03	BHJA2	Water	Oleic Acid	*	3.100	J		
P5109-03	BHJA2	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			3.10		
			Total Concentration:			3.10		
Client ID : BHJA3								
P5109-06	BHJA3	Water	9-Octadecenoic acid, (E)-	*	3.800	J		
P5109-06	BHJA3	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			3.80		
			Total Concentration:			3.80		
Client ID : BHJB3								
P5109-07	BHJB3	Water	9-Octadecenoic acid, (E)-	*	5.300	J		
P5109-07	BHJB3	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			5.30		
			Total Concentration:			5.30		
Client ID : BHJB4								
P5109-08	BHJB4	Water	9-Octadecenoic acid, (E)-	*	2.500	J		
P5109-08	BHJB4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			2.50		
			Total Concentration:			2.50		
Client ID : BG450								
P5111-01	BG450	Water	Total Alkanes	*	0.000	1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP121024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P5111-01	BG450	Water	1,4-Dioxane	1.200	J	0.35	2	ug/L
			Total Svoc :	1.20				
			Total Concentration:	1.20				
Client ID : BG455								
P5111-06	BG455	Water	Benzophenone	*	5.100	J		
P5111-06	BG455	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :	5.10				
			Total Concentration:	5.10				
Client ID : BG458								
P5111-09	BG458	Water	(DEL) Alkane: Straight-Chain21.(	*	2.200	J		
P5111-09	BG458	Water	Benzophenone	*	5.500	J		
P5111-09	BG458	Water	Hexathiane	*	6.300	J		
P5111-09	BG458	Water	n-Hexadecanoic acid	*	5.100	J		
P5111-09	BG458	Water	Thiophane, propyl-	*	2.200	J		
P5111-09	BG458	Water	Total Alkanes	*	2.200	1.1	5.1	ug/L
			Total Tics :	23.50				
			Total Concentration:	23.50				
Client ID : BG459								
P5111-10	BG459	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :	0.00				
			Total Concentration:	0.00				
Client ID : BG460								
P5111-11	BG460	Water	Benzophenone	*	2.100	J		
P5111-11	BG460	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :	2.10				
			Total Concentration:	2.10				
Client ID : BG461								
P5111-12	BG461	Water	3-Hydroxy-4-methoxybenzoic aci	*	4.400	J		
P5111-12	BG461	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.200	J		
P5111-12	BG461	Water	Apocynin	*	5.800	J		
P5111-12	BG461	Water	Benzyl alcohol	*	2.300	J		
P5111-12	BG461	Water	Diethyl Phthalate	*	5.800	J		
P5111-12	BG461	Water	Ethanol, 1-(2-butoxyethoxy)-	*	3.800	J		
P5111-12	BG461	Water	Ethanol, 2-butoxy-	*	2.700	J		
P5111-12	BG461	Water	Phenol, 2-methoxy-	*	6.300	J		
P5111-12	BG461	Water	Vanillin	*	2.600	J		
P5111-12	BG461	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :	40.90				

Hit Summary Sheet
SW-846

SDG No.: BP121024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		40.90				
Client ID :	SVOC-GPC2-BLANK								
P5193-10	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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020637 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:10

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	SBLK457	86871	7.52	311732	10.28	222219	14.15
02	SBLK459	63644	7.54	230687	10.29	165485	14.16
03	BHJ99	69132	7.54	247976	10.29	176285	14.16
04	BHJ99MS	65355	7.55	263424	10.28	225289	14.16
05	BHJ99MSD	119669	7.55	445007	10.28	318953	14.15
06	BHJA2	87184	7.54	330143	10.29	247596	14.16
07	BHJA2MS	78407	7.55	293689	10.29	220113	14.15
08	BHJA2MSD	96588	7.54	356771	10.29	263375	14.15
09	SLCS457	88482	7.55	328844	10.28	258628	14.15
10	BHJ99MSD	108310	7.55	385518	10.28	275538	14.15
11	BHJA0	100275	7.55	378585	10.29	284432	14.16
12	BHJA1	85565	7.55	311514	10.29	223677	14.15
13	BHJA3	77178	7.55	276918	10.29	201179	14.15
14	SLCS459	76500	7.55	299596	10.29	251573	14.15
15	SBLK469	96110	7.54	349851	10.28	252662	14.14
16	SBLK476	68572	7.54	250911	10.28	185300	14.15
17	BHJB3	70584	7.55	249348	10.29	178164	14.16
18	BHJB4	59404	7.54	223631	10.28	171561	14.15
19	BG450	73151	7.54	259053	10.28	183974	14.15
20	BG455	67177	7.55	262448	10.29	199509	14.16
21	BG458	94553	7.54	335431	10.28	240159	14.15
22	BG459	100574	7.54	373066	10.28	267783	14.15
23	BG460	85589	7.54	326249	10.28	238638	14.16

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020637 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 04:02

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 BG461	86609	7.54	306562	10.28	237764	14.15
25 SLCS469	83703	7.54	314124	10.28	248211	14.15
26 SLCS476	95000	7.55	367614	10.28	297480	14.16
27 SVOC-GPC2-BLANK	102513	7.54	372899	10.29	257805	14.16

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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020740 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023340.D Time Analyzed: 11:10

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	57389	7.54	212379	10.28	166758	14.15
UPPER LIMIT	114778	8.04	424758	10.781	333516	14.646
LOWER LIMIT	28694.5	7.04	106189.5	9.781	83379	13.646
EPA SAMPLE NO.						
01 SBLK457	86871	7.52	311732	10.28	222219	14.15
02 SBLK459	63644	7.54	230687	10.29	165485	14.16
03 BHJ99	69132	7.54	247976	10.29	176285	14.16
04 BHJ99MS	65355	7.55	263424	10.28	225289	14.16
05 BHJ99MSD	119669 *	7.55	445007 *	10.28	318953	14.15
06 BHJA2	87184	7.54	330143	10.29	247596	14.16
07 BHJA2MS	78407	7.55	293689	10.29	220113	14.15
08 BHJA2MSD	96588	7.54	356771	10.29	263375	14.15
09 SLCS457	88482	7.55	328844	10.28	258628	14.15
10 BHJ99MSD	108310	7.55	385518	10.28	275538	14.15
11 BHJA0	100275	7.55	378585	10.29	284432	14.16
12 BHJA1	85565	7.55	311514	10.29	223677	14.15
13 BHJA3	77178	7.55	276918	10.29	201179	14.15
14 SLCS459	76500	7.55	299596	10.29	251573	14.15

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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020741 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023355.D Time Analyzed: 21:57

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	98691	7.546	388630	10.29	301279	14.16
UPPER LIMIT	197382	8.046	777260	10.787	602558	14.657
LOWER LIMIT	49345.5	7.046	194315	9.787	150639.5	13.657
EPA SAMPLE NO.						
01 SBLK469	96110	7.54	349851	10.28	252662	14.14
02 SBLK476	68572	7.54	250911	10.28	185300	14.15
03 BHJB3	70584	7.55	249348	10.29	178164	14.16
04 BHJB4	59404	7.54	223631	10.28	171561	14.15
05 BG450	73151	7.54	259053	10.28	183974	14.15
06 BG455	67177	7.55	262448	10.29	199509	14.16
07 BG458	94553	7.54	335431	10.28	240159	14.15
08 BG459	100574	7.54	373066	10.28	267783	14.15
09 BG460	85589	7.54	326249	10.28	238638	14.16
10 BG461	86609	7.54	306562	10.28	237764	14.15
11 SLCS469	83703	7.54	314124	10.28	248211	14.15
12 SLCS476	95000	7.55	367614	10.28	297480	14.16
13 SVOC-GPC2-BLANK	102513	7.54	372899	10.29	257805	14.16

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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020637 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:10

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	SBLK457	527843	16.95	583477	21.39	697756	24.56
02	SBLK459	381241	16.96	447577	21.39	566617	24.56
03	BHJ99	390235	16.96	427310	21.39	543265	24.55
04	BHJ99MS	634014	16.95	780459	21.38	870349	24.55
05	BHJ99MSD	739022	16.96	804966	21.38	947865	24.56
06	BHJA2	581353	16.96	648067	21.39	719727	24.55
07	BHJA2MS	558935	16.96	712517	21.38	875304	24.55
08	BHJA2MSD	627050	16.96	701395	21.39	858109	24.56
09	SLCS457	649642	16.96	729077	21.39	839051	24.57
10	BHJ99MSD	670137	16.96	773767	21.39	912697	24.56
11	BHJA0	675483	16.97	773080	21.39	871261	24.55
12	BHJA1	517047	16.96	564867	21.39	686274	24.56
13	BHJA3	480077	16.95	548022	21.39	671932	24.56
14	SLCS459	674469	16.95	763886	21.38	868425	24.55
15	SBLK469	637341	16.95	710874	21.39	798130	24.56
16	SBLK476	432339	16.94	492062	21.38	617575	24.55
17	BHJB3	424806	16.96	496892	21.39	616657	24.56
18	BHJB4	444314	16.96	523524	21.39	651992	24.57
19	BG450	429958	16.96	503833	21.40	620561	24.58
20	BG455	499814	16.96	680589	21.39	853496	24.56
21	BG458	594917	16.96	771694	21.39	888814	24.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020637 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 02:41

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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 BG459	639343	16.96	704108	21.40	804099	24.57
23 BG460	563516	16.96	623814	21.39	777676	24.55
24 BG461	585308	16.97	692733	21.39	799728	24.56
25 SLCS469	639518	16.96	750655	21.39	844170	24.58
26 SLCS476	787569	16.96	904525	21.39	960557	24.56
27 SVOC-GPC2-BLANK	572704	16.96	614013	21.39	699851	24.57

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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020740 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023340.D Time Analyzed: 11:10

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	427240	16.957	545739	21.386	695264	24.574
UPPER LIMIT	854480	17.457	1091478	21.886	1390528	25.074
LOWER LIMIT	213620	16.457	272869.5	20.886	347632	24.074
EPA SAMPLE NO.						
01 SBLK457	527843	16.95	583477	21.39	697756	24.56
02 SBLK459	381241	16.96	447577	21.39	566617	24.56
03 BHJ99	390235	16.96	427310	21.39	543265	24.55
04 BHJ99MS	634014	16.95	780459	21.38	870349	24.55
05 BHJ99MSD	739022	16.96	804966	21.38	947865	24.56
06 BHJA2	581353	16.96	648067	21.39	719727	24.55
07 BHJA2MS	558935	16.96	712517	21.38	875304	24.55
08 BHJA2MSD	627050	16.96	701395	21.39	858109	24.56
09 SLCS457	649642	16.96	729077	21.39	839051	24.57
10 BHJ99MSD	670137	16.96	773767	21.39	912697	24.56
11 BHJA0	675483	16.97	773080	21.39	871261	24.55
12 BHJA1	517047	16.96	564867	21.39	686274	24.56
13 BHJA3	480077	16.95	548022	21.39	671932	24.56
14 SLCS459	674469	16.95	763886	21.38	868425	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.: BP121024 SAS No.: BP121024 SDG NO.: BP121024

EPA Sample No.: SSTD020741 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BP023355.D Time Analyzed: 21:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	727548	16.963	786712	21.38	876155	24.551
UPPER LIMIT	1455096	17.463	1573424	21.88	1752310	25.051
LOWER LIMIT	363774	16.463	393356	20.88	438077.5	24.051
EPA SAMPLE NO.						
01 SBLK469	637341	16.95	710874	21.39	798130	24.56
02 SBLK476	432339	16.94	492062	21.38	617575	24.55
03 BHJB3	424806	16.96	496892	21.39	616657	24.56
04 BHJB4	444314	16.96	523524	21.39	651992	24.57
05 BG450	429958	16.96	503833	21.40	620561	24.58
06 BG455	499814	16.96	680589	21.39	853496	24.56
07 BG458	594917	16.96	771694	21.39	888814	24.56
08 BG459	639343	16.96	704108	21.40	804099	24.57
09 BG460	563516	16.96	623814	21.39	777676	24.55
10 BG461	585308	16.97	692733	21.39	799728	24.56
11 SLCS469	639518	16.96	750655	21.39	844170	24.58
12 SLCS476	787569	16.96	904525	21.39	960557	24.56
13 SVOC-GPC2-BLANK	572704	16.96	614013	21.39	699851	24.57

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.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165457BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	7.9	ug/L	20				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	29	ug/L	73				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	26	ug/L	65				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	28	ug/L	70				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165457BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	4-Bromophenyl-phenylether	40	25	ug/L	63				0	0		
	Hexachlorobenzene	40	25	ug/L	63				0	0		
	Atrazine	40	28	ug/L	70				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	26	ug/L	65				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	27	ug/L	68				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	27	ug/L	68				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	26	ug/L	65				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	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	27	ug/L	68				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	26	ug/L	65				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				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	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165459BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	6.7	ug/L	17				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	26	ug/L	65				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	25	ug/L	63				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	25	ug/L	63				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	25	ug/L	63				0	0	
	2-Chloronaphthalene	40	25	ug/L	63				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	26	ug/L	65				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165459BS	4,6-Dinitro-2-methylphenol	40	26	ug/L	65				0	0	
	N-Nitrosodiphenylamine	40	26	ug/L	65				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	24	ug/L	60				0	0	
	Atrazine	40	27	ug/L	68				0	0	
	Pentachlorophenol	40	25	ug/L	63				0	0	
	Phenanthrene	40	25	ug/L	63				0	0	
	Pentachlorobenzene	40	23	ug/L	58				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	23	ug/L	58				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	26	ug/L	65				0	0	
	Pyrene	40	26	ug/L	65				0	0	
	Butylbenzylphthalate	40	28	ug/L	70				0	0	
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0	
	Benzo(a)anthracene	40	26	ug/L	65				0	0	
	Chrysene	40	26	ug/L	65				0	0	
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0	
	Di-n-octylphthalate	40	27	ug/L	68				0	0	
	Benzo(b)fluoranthene	40	26	ug/L	65				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				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	27	ug/L	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165469BS	1,4-Dioxane	16	9.6	ug/L	60				0	0	
	Benzaldehyde	40	7.4	ug/L	19				0	0	
	Pyridine	40	26	ug/L	65				0	0	
	Phenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	27	ug/L	68				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	26	ug/L	65				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	27	ug/L	68				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	25	ug/L	63				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	25	ug/L	63				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	26	ug/L	65				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	23	ug/L	58				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	27	ug/L	68				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165469BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0		
	Hexachlorobenzene	40	25	ug/L	63				0	0		
	Atrazine	40	27	ug/L	68				0	0		
	Pentachlorophenol	40	26	ug/L	65				0	0		
	Phenanthrene	40	26	ug/L	65				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	26	ug/L	65				0	0		
	Pyrene	40	25	ug/L	63				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	25	ug/L	63				0	0		
	Benzo(a)anthracene	40	26	ug/L	65				0	0		
	Chrysene	40	25	ug/L	63				0	0		
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	27	ug/L	68				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	26	ug/L	65				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	26	ug/L	65				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.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165476BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	3.4	ug/L	9				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				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	30	ug/L	75				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	28	ug/L	70				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	29	ug/L	73				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	10	ug/L	25				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				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	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	20	ug/L	50				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	36	ug/L	90				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165476BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	26	ug/L	65				0	0	
	Atrazine	40	4.6	ug/L	11				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	25	ug/L	63				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	Carbazole	40	31	ug/L	78				0	0	
	Di-n-butylphthalate	40	29	ug/L	73				0	0	
	Fluoranthene	40	29	ug/L	73				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	8.7	ug/L	22				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	31	ug/L	78				0	0	
	Di-n-octylphthalate	40	32	ug/L	80				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				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	27	ug/L	68				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK457

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121024

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023341.D

Lab Sample ID: PB165457BL

Instrument ID: BNA_P

Date Extracted: 12/07/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 11:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ99	P5107-20	BP023343.D	12/10/2024
BHJ99MS	P5107-21MS	BP023344.D	12/10/2024
BHJ99MSD	P5107-22MSD	BP023345.D	12/10/2024
PB165457BS	PB165457BS	BP023349.D	12/10/2024
BHJ99MSD	P5107-22MSD	BP023350.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK459

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121024

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023342.D

Lab Sample ID: PB165459BL

Instrument ID: BNA_P

Date Extracted: 12/07/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 11:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165459BS	PB165459BS	BP023354.D	12/10/2024
BHJA2	P5109-03	BP023346.D	12/10/2024
BHJA2MS	P5109-04MS	BP023347.D	12/10/2024
BHJA2MSD	P5109-05MSD	BP023348.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK469

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121024

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023356.D

Lab Sample ID: PB165469BL

Instrument ID: BNA_P

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 21:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165469BS	PB165469BS	BP023366.D	12/11/2024
BHJA0	P5109-01	BP023351.D	12/10/2024
BHJA1	P5109-02	BP023352.D	12/10/2024
BHJA3	P5109-06	BP023353.D	12/10/2024
BHJB3	P5109-07	BP023358.D	12/10/2024
BHJB4	P5109-08	BP023359.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK476

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121024

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023357.D

Lab Sample ID: PB165476BL

Instrument ID: BNA_P

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 22:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165476BS	PB165476BS	BP023367.D	12/11/2024
BG450	P5111-01	BP023360.D	12/11/2024
BG455	P5111-06	BP023361.D	12/11/2024
BG458	P5111-09	BP023362.D	12/11/2024
BG459	P5111-10	BP023363.D	12/11/2024
BG460	P5111-11	BP023364.D	12/11/2024
BG461	P5111-12	BP023365.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121024

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023368.D

Lab Sample ID: P5193-10

Instrument ID: BNA_P

Date Extracted: 12/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/11/2024

Level: (low/med) LOW

Time Analyzed: 06:04

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	P5193-10	BP023368.D	12/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5107-21MS	Client Sample ID:	BHJ99MS					DataFile:	BP023344.D		
1,4-Dioxane	16		4.8	ug/L	30				15	120	
Benzaldehyde	40		21	ug/L	52				0	0	
Pyridine	40		3.5	ug/L	9				0	0	
Phenol	40		13	ug/L	33				12	110	
Bis(2-chloroethyl)ether	40		29	ug/L	73				0	0	
2-Chlorophenol	40		27	ug/L	68				27	123	
2-Methylphenol	40		26	ug/L	65				0	0	
2,2-oxybis(1-Chloropropane)	40		31	ug/L	78				0	0	
Acetophenone	40		31	ug/L	78				0	0	
4-Methylphenol	40		25	ug/L	63				0	0	
N-Nitroso-di-n-propylamine	40		33	ug/L	83				41	116	
Hexachloroethane	40		25	ug/L	63				0	0	
Nitrobenzene	40		31	ug/L	78				0	0	
Isophorone	40		33	ug/L	83				0	0	
2-Nitrophenol	40		30	ug/L	75				0	0	
2,4-Dimethylphenol	40		27	ug/L	68				0	0	
Bis(2-chloroethoxy)methane	40		30	ug/L	75				0	0	
2,4-Dichlorophenol	40		30	ug/L	75				0	0	
Naphthalene	40		28	ug/L	70				0	0	
4-Chloroaniline	40		8.6	ug/L	22				0	0	
Hexachlorobutadiene	40		27	ug/L	68				0	0	
Caprolactam	40		5	ug/L	13				0	0	
4-Chloro-3-methylphenol	40		34	ug/L	85				23	97	
1-Methylnaphthalene	40		30	ug/L	75				0	0	
2-Methylnaphthalene	40		30	ug/L	75				0	0	
Hexachlorocyclopentadiene	40		23	ug/L	58				0	0	
2,4,6-Trichlorophenol	40		32	ug/L	80				0	0	
2,4,5-Trichlorophenol	40		33	ug/L	83				0	0	
1,1'-Biphenyl	40		30	ug/L	75				0	0	
2-Chloronaphthalene	40		30	ug/L	75				0	0	
2-Nitroaniline	40		41	ug/L	103				0	0	
Dimethylphthalate	40		35	ug/L	88				0	0	
2,6-Dinitrotoluene	40		37	ug/L	93				0	0	
Acenaphthylene	40		33	ug/L	83				0	0	
3-Nitroaniline	40		31	ug/L	78				0	0	
Acenaphthene	40		33	ug/L	83				46	118	
2,4-Dinitrophenol	40		40	ug/L	100				0	0	
4-Nitrophenol	40		15	ug/L	38				10	80	
Dibenzofuran	40		35	ug/L	88				0	0	
2,4-Dinitrotoluene	40		39	ug/L	98		*		24	96	
Diethylphthalate	40		39	ug/L	98				0	0	
Fluorene	40		36	ug/L	90				0	0	
4-Chlorophenyl-phenylether	40		36	ug/L	90				0	0	
4-Nitroaniline	40		45	ug/L	113				0	0	
4,6-Dinitro-2-methylphenol	40		38	ug/L	95				0	0	
N-Nitrosodiphenylamine	40		34	ug/L	85				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

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	40		28	ug/L	70				0	0	
4-Bromophenyl-phenylether	40		34	ug/L	85				0	0	
Hexachlorobenzene	40		33	ug/L	83				0	0	
Atrazine	40		0	ug/L	0				0	0	
Pentachlorophenol	40		33	ug/L	83				9	103	
Phenanthrene	40		35	ug/L	88				0	0	
Pentachlorobenzene	40		31	ug/L	78				0	0	
Anthracene	40		35	ug/L	88				0	0	
1,2,3,4-Tetrachlorobenzene	40		26	ug/L	65				0	0	
Carbazole	40		39	ug/L	98				0	0	
Di-n-butylphthalate	40		40	ug/L	100				0	0	
Fluoranthene	40		35	ug/L	88				0	0	
Pyrene	40		35	ug/L	88				26	127	
Butylbenzylphthalate	40		39	ug/L	98				0	0	
3,3'-Dichlorobenzidine	40		24	ug/L	60				0	0	
Benzo(a)anthracene	40		36	ug/L	90				0	0	
Chrysene	40		36	ug/L	90				0	0	
Bis(2-ethylhexyl)phthalate	40		40	ug/L	100				0	0	
Di-n-octylphthalate	40		39	ug/L	98				0	0	
Benzo(b)fluoranthene	40		37	ug/L	93				0	0	
Benzo(k)fluoranthene	40		36	ug/L	90				0	0	
Benzo(a)pyrene	40		36	ug/L	90				0	0	
Indeno(1,2,3-cd)pyrene	40		36	ug/L	90				0	0	
Dibenzo(a,h)anthracene	40		36	ug/L	90				0	0	
Benzo(g,h,i)perylene	40		36	ug/L	90				0	0	
2,3,4,6-Tetrachlorophenol	40		35	ug/L	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5107-22MSD	Client Sample ID:	BHJ99MSD					DataFile:	BP023345.D		
1,4-Dioxane	16		4.7	ug/L	29	3			15	120	50
1,4-Dioxane	16		5	ug/L	31	3			15	120	50
Benzaldehyde	40		22	ug/L	55	6	*		0	0	0
Pyridine	40		3.6	ug/L	9	0			0	0	0
Benzaldehyde	40		20	ug/L	50	4	*		0	0	0
Pyridine	40		3.2	ug/L	8	12	*		0	0	0
Phenol	40		12	ug/L	30	10			12	110	42
Phenol	40		13	ug/L	33	0			12	110	42
Bis(2-chloroethyl)ether	40		30	ug/L	75	3	*		0	0	0
Bis(2-chloroethyl)ether	40		27	ug/L	68	7	*		0	0	0
2-Chlorophenol	40		25	ug/L	63	8			27	123	40
2-Chlorophenol	40		28	ug/L	70	3			27	123	40
2-Methylphenol	40		25	ug/L	63	3	*		0	0	0
2-Methylphenol	40		24	ug/L	60	8	*		0	0	0
2,2-oxybis(1-Chloropropane)	40		28	ug/L	70	11	*		0	0	0
2,2-oxybis(1-Chloropropane)	40		31	ug/L	78	0			0	0	0
Acetophenone	40		28	ug/L	70	11	*		0	0	0
Acetophenone	40		26	ug/L	65	18	*		0	0	0
4-Methylphenol	40		22	ug/L	55	14	*		0	0	0
4-Methylphenol	40		24	ug/L	60	5	*		0	0	0
N-Nitroso-di-n-propylamine	40		29	ug/L	73	13			41	116	38
N-Nitroso-di-n-propylamine	40		27	ug/L	68	20			41	116	38
Hexachloroethane	40		23	ug/L	58	8	*		0	0	0
Hexachloroethane	40		25	ug/L	63	0			0	0	0
Nitrobenzene	40		32	ug/L	80	3	*		0	0	0
Nitrobenzene	40		28	ug/L	70	11	*		0	0	0
Isophorone	40		29	ug/L	73	13	*		0	0	0
Isophorone	40		32	ug/L	80	4	*		0	0	0
2-Nitrophenol	40		31	ug/L	78	4	*		0	0	0
2-Nitrophenol	40		28	ug/L	70	7	*		0	0	0
2,4-Dimethylphenol	40		24	ug/L	60	13	*		0	0	0
2,4-Dimethylphenol	40		27	ug/L	68	0			0	0	0
Bis(2-chloroethoxy)methane	40		32	ug/L	80	6	*		0	0	0
Bis(2-chloroethoxy)methane	40		28	ug/L	70	7	*		0	0	0
2,4-Dichlorophenol	40		26	ug/L	65	14	*		0	0	0
2,4-Dichlorophenol	40		30	ug/L	75	0			0	0	0
Naphthalene	40		29	ug/L	73	4	*		0	0	0
Naphthalene	40		26	ug/L	65	7	*		0	0	0
4-Chloroaniline	40		6.9	ug/L	17	26	*		0	0	0
4-Chloroaniline	40		7.4	ug/L	19	15	*		0	0	0
Hexachlorobutadiene	40		28	ug/L	70	3	*		0	0	0
Hexachlorobutadiene	40		25	ug/L	63	8	*		0	0	0
Caprolactam	40		4	ug/L	10	26	*		0	0	0
Caprolactam	40		4.5	ug/L	11	17	*		0	0	0
4-Chloro-3-methylphenol	40		32	ug/L	80	6			23	97	42
4-Chloro-3-methylphenol	40		29	ug/L	73	15			23	97	42

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1-Methylnaphthalene	40		26	ug/L	65		14	*	0	0	0
1-Methylnaphthalene	40		29	ug/L	73		3	*	0	0	0
2-Methylnaphthalene	40		29	ug/L	73		3	*	0	0	0
2-Methylnaphthalene	40		26	ug/L	65		14	*	0	0	0
Hexachlorocyclopentadiene	40		24	ug/L	60		3	*	0	0	0
Hexachlorocyclopentadiene	40		26	ug/L	65		11	*	0	0	0
2,4,6-Trichlorophenol	40		34	ug/L	85		6	*	0	0	0
2,4,6-Trichlorophenol	40		31	ug/L	78		3	*	0	0	0
2,4,5-Trichlorophenol	40		32	ug/L	80		4	*	0	0	0
2,4,5-Trichlorophenol	40		35	ug/L	88		6	*	0	0	0
1,1'-Biphenyl	40		33	ug/L	83		10	*	0	0	0
1,1'-Biphenyl	40		29	ug/L	73		3	*	0	0	0
2-Chloronaphthalene	40		29	ug/L	73		3	*	0	0	0
2-Chloronaphthalene	40		32	ug/L	80		6	*	0	0	0
2-Nitroaniline	40		39	ug/L	98		5	*	0	0	0
2-Nitroaniline	40		35	ug/L	88		16	*	0	0	0
Dimethylphthalate	40		31	ug/L	78		12	*	0	0	0
Dimethylphthalate	40		35	ug/L	88		0		0	0	0
2,6-Dinitrotoluene	40		37	ug/L	93		0		0	0	0
2,6-Dinitrotoluene	40		33	ug/L	83		11	*	0	0	0
Acenaphthylene	40		30	ug/L	75		10	*	0	0	0
Acenaphthylene	40		33	ug/L	83		0		0	0	0
3-Nitroaniline	40		30	ug/L	75		4	*	0	0	0
3-Nitroaniline	40		28	ug/L	70		11	*	0	0	0
Acenaphthene	40		30	ug/L	75		10		46	118	31
Acenaphthene	40		33	ug/L	83		0		46	118	31
2,4-Dinitrophenol	40		36	ug/L	90		11	*	0	0	0
2,4-Dinitrophenol	40		32	ug/L	80		22	*	0	0	0
4-Nitrophenol	40		12	ug/L	30		24		10	80	50
4-Nitrophenol	40		12	ug/L	30		24		10	80	50
Dibenzofuran	40		33	ug/L	83		6	*	0	0	0
Dibenzofuran	40		29	ug/L	73		19	*	0	0	0
2,4-Dinitrotoluene	40		31	ug/L	78		23		24	96	38
2,4-Dinitrotoluene	40		35	ug/L	88		11		24	96	38
Diethylphthalate	40		36	ug/L	90		9	*	0	0	0
Diethylphthalate	40		31	ug/L	78		23	*	0	0	0
Fluorene	40		30	ug/L	75		18	*	0	0	0
Fluorene	40		34	ug/L	85		6	*	0	0	0
4-Chlorophenyl-phenylether	40		34	ug/L	85		6	*	0	0	0
4-Chlorophenyl-phenylether	40		31	ug/L	78		14	*	0	0	0
4-Nitroaniline	40		36	ug/L	90		23	*	0	0	0
4-Nitroaniline	40		41	ug/L	103		9	*	0	0	0
4,6-Dinitro-2-methylphenol	40		38	ug/L	95		0		0	0	0
4,6-Dinitro-2-methylphenol	40		35	ug/L	88		8	*	0	0	0
N-Nitrosodiphenylamine	40		33	ug/L	83		2	*	0	0	0
N-Nitrosodiphenylamine	40		35	ug/L	88		3	*	0	0	0
1,2,4,5-Tetrachlorobenzene	40		32	ug/L	80		13	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

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	40		29	ug/L	73	4	*		0	0	0
4-Bromophenyl-phenylether	40		32	ug/L	80	6	*		0	0	0
4-Bromophenyl-phenylether	40		35	ug/L	88	3	*		0	0	0
Hexachlorobenzene	40		34	ug/L	85	2	*		0	0	0
Hexachlorobenzene	40		32	ug/L	80	4	*		0	0	0
Atrazine	40		0	ug/L	0				0	0	0
Atrazine	40		0	ug/L	0				0	0	0
Pentachlorophenol	40		32	ug/L	80	4			9	103	50
Pentachlorophenol	40		31	ug/L	78	6			9	103	50
Phenanthrene	40		32	ug/L	80	10	*		0	0	0
Phenanthrene	40		35	ug/L	88	0			0	0	0
Pentachlorobenzene	40		34	ug/L	85	9	*		0	0	0
Pentachlorobenzene	40		32	ug/L	80	3	*		0	0	0
Anthracene	40		33	ug/L	83	6	*		0	0	0
Anthracene	40		35	ug/L	88	0			0	0	0
1,2,3,4-Tetrachlorobenzene	40		34	ug/L	85	27	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40		31	ug/L	78	18	*		0	0	0
Carbazole	40		35	ug/L	88	11	*		0	0	0
Carbazole	40		38	ug/L	95	3	*		0	0	0
Di-n-butylphthalate	40		38	ug/L	95	5	*		0	0	0
Di-n-butylphthalate	40		34	ug/L	85	16	*		0	0	0
Fluoranthene	40		33	ug/L	83	6	*		0	0	0
Fluoranthene	40		35	ug/L	88	0			0	0	0
Pyrene	40		35	ug/L	88	0			26	127	31
Pyrene	40		32	ug/L	80	10			26	127	31
Butylbenzylphthalate	40		35	ug/L	88	11	*		0	0	0
Butylbenzylphthalate	40		39	ug/L	98	0			0	0	0
3,3'-Dichlorobenzidine	40		25	ug/L	63	5	*		0	0	0
3,3'-Dichlorobenzidine	40		22	ug/L	55	9	*		0	0	0
Benzo(a)anthracene	40		33	ug/L	83	8	*		0	0	0
Benzo(a)anthracene	40		36	ug/L	90	0			0	0	0
Chrysene	40		36	ug/L	90	0			0	0	0
Chrysene	40		32	ug/L	80	12	*		0	0	0
Bis(2-ethylhexyl)phthalate	40		35	ug/L	88	13	*		0	0	0
Bis(2-ethylhexyl)phthalate	40		39	ug/L	98	2	*		0	0	0
Di-n-octylphthalate	40		37	ug/L	93	5	*		0	0	0
Di-n-octylphthalate	40		34	ug/L	85	14	*		0	0	0
Benzo(b)fluoranthene	40		33	ug/L	83	11	*		0	0	0
Benzo(b)fluoranthene	40		36	ug/L	90	3	*		0	0	0
Benzo(k)fluoranthene	40		35	ug/L	88	2	*		0	0	0
Benzo(k)fluoranthene	40		32	ug/L	80	12	*		0	0	0
Benzo(a)pyrene	40		33	ug/L	83	8	*		0	0	0
Benzo(a)pyrene	40		36	ug/L	90	0			0	0	0
Indeno(1,2,3-cd)pyrene	40		37	ug/L	93	3	*		0	0	0
Indeno(1,2,3-cd)pyrene	40		34	ug/L	85	6	*		0	0	0
Dibenzo(a,h)anthracene	40		33	ug/L	83	8	*		0	0	0
Dibenzo(a,h)anthracene	40		37	ug/L	93	3	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Benzo(g,h,i)perylene	40		37	ug/L	93	3	*		0	0	0
Benzo(g,h,i)perylene	40		34	ug/L	85	6	*		0	0	0
2,3,4,6-Tetrachlorophenol	40		29	ug/L	73	19	*		0	0	0
2,3,4,6-Tetrachlorophenol	40		33	ug/L	83	6	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5109-04MS	Client Sample ID:	BHJA2MS					DataFile:	BP023347.D		
1,4-Dioxane	16		3.5	ug/L	22				15	120	
Benzaldehyde	40		14	ug/L	35				0	0	
Pyridine	40		4.8	ug/L	12				0	0	
Phenol	40		5.1	ug/L	13				12	110	
Bis(2-chloroethyl)ether	40		19	ug/L	48				0	0	
2-Chlorophenol	40		17	ug/L	43				27	123	
2-Methylphenol	40		13	ug/L	33				0	0	
2,2-oxybis(1-Chloropropane)	40		21	ug/L	52				0	0	
Acetophenone	40		20	ug/L	50				0	0	
4-Methylphenol	40		12	ug/L	30				0	0	
N-Nitroso-di-n-propylamine	40		20	ug/L	50				41	116	
Hexachloroethane	40		16	ug/L	40				0	0	
Nitrobenzene	40		21	ug/L	52				0	0	
Isophorone	40		21	ug/L	52				0	0	
2-Nitrophenol	40		11	ug/L	28				0	0	
2,4-Dimethylphenol	40		16	ug/L	40				0	0	
Bis(2-chloroethoxy)methane	40		20	ug/L	50				0	0	
2,4-Dichlorophenol	40		18	ug/L	45				0	0	
Naphthalene	40		19	ug/L	48				0	0	
4-Chloroaniline	40		6.2	ug/L	16				0	0	
Hexachlorobutadiene	40		18	ug/L	45				0	0	
Caprolactam	40		2.6	ug/L	7				0	0	
4-Chloro-3-methylphenol	40		19	ug/L	48				23	97	
1-Methylnaphthalene	40		19	ug/L	48				0	0	
2-Methylnaphthalene	40		19	ug/L	48				0	0	
Hexachlorocyclopentadiene	40		15	ug/L	38				0	0	
2,4,6-Trichlorophenol	40		20	ug/L	50				0	0	
2,4,5-Trichlorophenol	40		20	ug/L	50				0	0	
1,1'-Biphenyl	40		21	ug/L	52				0	0	
2-Chloronaphthalene	40		21	ug/L	52				0	0	
2-Nitroaniline	40		25	ug/L	63				0	0	
Dimethylphthalate	40		23	ug/L	58				0	0	
2,6-Dinitrotoluene	40		24	ug/L	60				0	0	
Acenaphthylene	40		21	ug/L	52				0	0	
3-Nitroaniline	40		20	ug/L	50				0	0	
Acenaphthene	40		22	ug/L	55				46	118	
2,4-Dinitrophenol	40		0	ug/L	0				0	0	
4-Nitrophenol	40		4.7	ug/L	12				10	80	
Dibenzofuran	40		22	ug/L	55				0	0	
2,4-Dinitrotoluene	40		22	ug/L	55				24	96	
Diethylphthalate	40		24	ug/L	60				0	0	
Fluorene	40		23	ug/L	58				0	0	
4-Chlorophenyl-phenylether	40		23	ug/L	58				0	0	
4-Nitroaniline	40		26	ug/L	65				0	0	
4,6-Dinitro-2-methylphenol	40		0	ug/L	0				0	0	
N-Nitrosodiphenylamine	40		23	ug/L	58				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

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	40		21	ug/L	52				0	0	
4-Bromophenyl-phenylether	40		23	ug/L	58				0	0	
Hexachlorobenzene	40		23	ug/L	58				0	0	
Atrazine	40		0	ug/L	0				0	0	
Pentachlorophenol	40		16	ug/L	40				9	103	
Phenanthrene	40		23	ug/L	58				0	0	
Pentachlorobenzene	40		22	ug/L	55				0	0	
Anthracene	40		23	ug/L	58				0	0	
1,2,3,4-Tetrachlorobenzene	40		21	ug/L	52				0	0	
Carbazole	40		26	ug/L	65				0	0	
Di-n-butylphthalate	40		25	ug/L	63				0	0	
Fluoranthene	40		22	ug/L	55				0	0	
Pyrene	40		22	ug/L	55				26	127	
Butylbenzylphthalate	40		24	ug/L	60				0	0	
3,3'-Dichlorobenzidine	40		22	ug/L	55				0	0	
Benzo(a)anthracene	40		24	ug/L	60				0	0	
Chrysene	40		23	ug/L	58				0	0	
Bis(2-ethylhexyl)phthalate	40		25	ug/L	63				0	0	
Di-n-octylphthalate	40		23	ug/L	58				0	0	
Benzo(b)fluoranthene	40		23	ug/L	58				0	0	
Benzo(k)fluoranthene	40		23	ug/L	58				0	0	
Benzo(a)pyrene	40		24	ug/L	60				0	0	
Indeno(1,2,3-cd)pyrene	40		23	ug/L	58				0	0	
Dibenzo(a,h)anthracene	40		23	ug/L	58				0	0	
Benzo(g,h,i)perylene	40		23	ug/L	58				0	0	
2,3,4,6-Tetrachlorophenol	40		19	ug/L	48				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5109-05MSD	Client Sample ID:	BHJA2MSD					DataFile:	BP023348.D		
1,4-Dioxane	16		3.4	ug/L	21		5		15	120	50
Benzaldehyde	40		14	ug/L	35		0		0	0	0
Pyridine	40		4.8	ug/L	12		0		0	0	0
Phenol	40		5.5	ug/L	14		7		12	110	42
Bis(2-chloroethyl)ether	40		20	ug/L	50		4	*	0	0	0
2-Chlorophenol	40		17	ug/L	43		0		27	123	40
2-Methylphenol	40		14	ug/L	35		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		21	ug/L	52		0		0	0	0
Acetophenone	40		19	ug/L	48		4	*	0	0	0
4-Methylphenol	40		12	ug/L	30		0		0	0	0
N-Nitroso-di-n-propylamine	40		20	ug/L	50		0		41	116	38
Hexachloroethane	40		16	ug/L	40		0		0	0	0
Nitrobenzene	40		21	ug/L	52		0		0	0	0
Isophorone	40		21	ug/L	52		0		0	0	0
2-Nitrophenol	40		11	ug/L	28		0		0	0	0
2,4-Dimethylphenol	40		16	ug/L	40		0		0	0	0
Bis(2-chloroethoxy)methane	40		20	ug/L	50		0		0	0	0
2,4-Dichlorophenol	40		18	ug/L	45		0		0	0	0
Naphthalene	40		19	ug/L	48		0		0	0	0
4-Chloroaniline	40		6.4	ug/L	16		0		0	0	0
Hexachlorobutadiene	40		17	ug/L	43		5	*	0	0	0
Caprolactam	40		0	ug/L	0		200	*	0	0	0
4-Chloro-3-methylphenol	40		18	ug/L	45		6		23	97	42
1-Methylnaphthalene	40		19	ug/L	48		0		0	0	0
2-Methylnaphthalene	40		19	ug/L	48		0		0	0	0
Hexachlorocyclopentadiene	40		14	ug/L	35		8	*	0	0	0
2,4,6-Trichlorophenol	40		19	ug/L	48		4	*	0	0	0
2,4,5-Trichlorophenol	40		19	ug/L	48		4	*	0	0	0
1,1'-Biphenyl	40		21	ug/L	52		0		0	0	0
2-Chloronaphthalene	40		21	ug/L	52		0		0	0	0
2-Nitroaniline	40		24	ug/L	60		5	*	0	0	0
Dimethylphthalate	40		23	ug/L	58		0		0	0	0
2,6-Dinitrotoluene	40		23	ug/L	58		3	*	0	0	0
Acenaphthylene	40		21	ug/L	52		0		0	0	0
3-Nitroaniline	40		19	ug/L	48		4	*	0	0	0
Acenaphthene	40		21	ug/L	52		6		46	118	31
2,4-Dinitrophenol	40		0	ug/L	0				0	0	0
4-Nitrophenol	40		4.5	ug/L	11		9		10	80	50
Dibenzofuran	40		21	ug/L	52		6	*	0	0	0
2,4-Dinitrotoluene	40		21	ug/L	52		6		24	96	38
Diethylphthalate	40		22	ug/L	55		9	*	0	0	0
Fluorene	40		21	ug/L	52		11	*	0	0	0
4-Chlorophenyl-phenylether	40		21	ug/L	52		11	*	0	0	0
4-Nitroaniline	40		25	ug/L	63		3	*	0	0	0
4,6-Dinitro-2-methylphenol	40		0	ug/L	0				0	0	0
N-Nitrosodiphenylamine	40		23	ug/L	58		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121024

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	40		20	ug/L	50		4	*	0	0	0
4-Bromophenyl-phenylether	40		23	ug/L	58		0		0	0	0
Hexachlorobenzene	40		22	ug/L	55		5	*	0	0	0
Atrazine	40		0	ug/L	0				0	0	0
Pentachlorophenol	40		16	ug/L	40		0		9	103	50
Phenanthrene	40		23	ug/L	58		0		0	0	0
Pentachlorobenzene	40		22	ug/L	55		0		0	0	0
Anthracene	40		23	ug/L	58		0		0	0	0
1,2,3,4-Tetrachlorobenzene	40		21	ug/L	52		0		0	0	0
Carbazole	40		25	ug/L	63		3	*	0	0	0
Di-n-butylphthalate	40		24	ug/L	60		5	*	0	0	0
Fluoranthene	40		23	ug/L	58		5	*	0	0	0
Pyrene	40		24	ug/L	60		9		26	127	31
Butylbenzylphthalate	40		26	ug/L	65		8	*	0	0	0
3,3'-Dichlorobenzidine	40		23	ug/L	58		5	*	0	0	0
Benzo(a)anthracene	40		24	ug/L	60		0		0	0	0
Chrysene	40		24	ug/L	60		3	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		26	ug/L	65		3	*	0	0	0
Di-n-octylphthalate	40		24	ug/L	60		3	*	0	0	0
Benzo(b)fluoranthene	40		23	ug/L	58		0		0	0	0
Benzo(k)fluoranthene	40		24	ug/L	60		3	*	0	0	0
Benzo(a)pyrene	40		24	ug/L	60		0		0	0	0
Indeno(1,2,3-cd)pyrene	40		24	ug/L	60		3	*	0	0	0
Dibenzo(a,h)anthracene	40		24	ug/L	60		3	*	0	0	0
Benzo(g,h,i)perylene	40		24	ug/L	60		3	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		18	ug/L	45		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-20	BHJ99	BP023343.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	3.13	8	*	20	120
			Phenol-d5	40	5.52	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.10	68		25	120
			2-Chlorophenol-d4	40	21.70	54		20	130
			4-Methylphenol-d8	40	13.79	34		25	125
			Nitrobenzene-d5	40	25.50	64		20	125
			2-Nitrophenol-d4	40	27.09	68		20	130
			2,4-Dichlorophenol-d3	40	23.01	58		20	120
			4-Chloroaniline-d4	40	15.42	39		1	146
			Dimethylphthalate-d6	40	27.16	68		25	130
			Acenaphthylene-d8	40	26.62	67		10	130
			4-Nitrophenol-d4	40	4.76	12		10	150
			Fluorene-d10	40	26.72	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.27	61		10	130
			Anthracene-d10	40	29.95	75		25	130
			Pyrene-d10	40	29.75	74		15	130
			Benzo(a)pyrene-d12	40	29.58	74		20	130
P5107-21MS	BHJ99MS	BP023344.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Pyridine-d5	40	3.36	8	*	20	120
			Phenol-d5	40	12.06	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.15	78		25	120
			2-Chlorophenol-d4	40	28.44	71		20	130
			4-Methylphenol-d8	40	23.78	59		25	125
			Nitrobenzene-d5	40	28.74	72		20	125
			2-Nitrophenol-d4	40	30.56	76		20	130
			2,4-Dichlorophenol-d3	40	30.76	77		20	120
			4-Chloroaniline-d4	40	18.40	46		1	146
			Dimethylphthalate-d6	40	36.23	91		25	130
			Acenaphthylene-d8	40	31.81	80		10	130
			4-Nitrophenol-d4	40	15.49	39		10	150
			Fluorene-d10	40	35.67	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.66	94		10	130
			Anthracene-d10	40	35.80	89		25	130
			Pyrene-d10	40	35.55	89		15	130
			Benzo(a)pyrene-d12	40	36.66	92		20	130
P5107-22MSD	BHJ99MSD	BP023345.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	3.28	8	*	20	120
		BP023350.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	3.65	9	*	20	120
		BP023345.D	Phenol-d5	40	12.33	31		10	130
			Phenol-d5	40	11.18	28		10	130
		BP023350.D	Bis(2-Chloroethyl)ether-d8	40	28.41	71		25	120
			Bis(2-Chloroethyl)ether-d8	40	30.93	77		25	120
		BP023345.D	2-Chlorophenol-d4	40	28.19	70		20	130
			2-Chlorophenol-d4	40	26.06	65		20	130
		BP023350.D	4-Methylphenol-d8	40	21.45	54		25	125
			4-Methylphenol-d8	40	22.83	57		25	125
		BP023350.D	Nitrobenzene-d5	40	30.54	76		20	125
			Nitrobenzene-d5	40	30.54	76		20	125

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-22MSD	BHJ99MSD	BP023345.D	Nitrobenzene-d5	40	27.44	69		20	125
			2-Nitrophenol-d4	40	27.85	70		20	130
		BP023350.D	2-Nitrophenol-d4	40	31.47	79		20	130
			2,4-Dichlorophenol-d3	40	30.64	77		20	120
		BP023345.D	2,4-Dichlorophenol-d3	40	27.27	68		20	120
			4-Chloroaniline-d4	40	15.92	40		1	146
		BP023350.D	4-Chloroaniline-d4	40	18.15	45		1	146
			Dimethylphthalate-d6	40	35.40	88		25	130
		BP023345.D	Dimethylphthalate-d6	40	31.85	80		25	130
			Acenaphthylene-d8	40	29.68	74		10	130
		BP023350.D	Acenaphthylene-d8	40	33.52	84		10	130
			4-Nitrophenol-d4	40	14.10	35		10	150
		BP023345.D	4-Nitrophenol-d4	40	13.33	33		10	150
			Fluorene-d10	40	30.45	76		25	125
		BP023350.D	Fluorene-d10	40	33.29	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.48	94		10	130
		BP023345.D	4,6-Dinitro-2-methylphenol-d2	40	35.11	88		10	130
			Anthracene-d10	40	32.89	82		25	130
		BP023350.D	Anthracene-d10	40	35.39	88		25	130
			Pyrene-d10	40	35.22	88		15	130
		BP023345.D	Pyrene-d10	40	33.25	83		15	130
			Benzo(a)pyrene-d12	40	33.18	83		20	130
		BP023350.D	Benzo(a)pyrene-d12	40	36.50	91		20	130
PB165457BL	PB165457BL	BP023341.D	1,4-Dioxane-d8	8	5.64	70		15	120
			Pyridine-d5	40	26.47	66		20	120
			Phenol-d5	40	27.66	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.83	72		25	120
			2-Chlorophenol-d4	40	28.51	71		20	130
			4-Methylphenol-d8	40	26.63	67		25	125
			Nitrobenzene-d5	40	27.61	69		20	125
			2-Nitrophenol-d4	40	27.18	68		20	130
			2,4-Dichlorophenol-d3	40	25.40	63		20	120
			4-Chloroaniline-d4	40	24.67	62		1	146
			Dimethylphthalate-d6	40	27.28	68		25	130
			Acenaphthylene-d8	40	26.72	67		10	130
			4-Nitrophenol-d4	40	26.71	67		10	150
			Fluorene-d10	40	26.51	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.44	59		10	130
			Anthracene-d10	40	26.82	67		25	130
			Pyrene-d10	40	27.49	69		15	130
			Benzo(a)pyrene-d12	40	26.26	66		20	130
PB165457BS	PB165457BS	BP023349.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	27.91	70		20	120
			Phenol-d5	40	29.91	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.79	69		25	120
			2-Chlorophenol-d4	40	28.54	71		20	130
			4-Methylphenol-d8	40	27.96	70		25	125
			Nitrobenzene-d5	40	26.87	67		20	125
			2-Nitrophenol-d4	40	27.15	68		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165457BS	PB165457BS	BP023349.D	2,4-Dichlorophenol-d3	40	28.97	72		20	120
			4-Chloroaniline-d4	40	24.91	62		1	146
			Dimethylphthalate-d6	40	27.13	68		25	130
			Acenaphthylene-d8	40	26.77	67		10	130
			4-Nitrophenol-d4	40	29.29	73		10	150
			Fluorene-d10	40	26.73	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.49	69		10	130
			Anthracene-d10	40	26.91	67		25	130
			Pyrene-d10	40	27.02	68		15	130
			Benzo(a)pyrene-d12	40	26.46	66		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-03	BHJA2	BP023346.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Pyridine-d5	40	2.73	7	*	20	120
			Phenol-d5	40	6.27	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.89	75		25	120
			2-Chlorophenol-d4	40	23.91	60		20	130
			4-Methylphenol-d8	40	15.81	40		25	125
			Nitrobenzene-d5	40	26.47	66		20	125
			2-Nitrophenol-d4	40	26.84	67		20	130
			2,4-Dichlorophenol-d3	40	23.84	60		20	120
			4-Chloroaniline-d4	40	19.58	49		1	146
			Dimethylphthalate-d6	40	30.01	75		25	130
			Acenaphthylene-d8	40	26.99	67		10	130
			4-Nitrophenol-d4	40	6.53	16		10	150
			Fluorene-d10	40	28.70	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.18	68		10	130
			Anthracene-d10	40	33.66	84		25	130
			Pyrene-d10	40	34.05	85		15	130
			Benzo(a)pyrene-d12	40	33.96	85		20	130
P5109-04MS	BHJA2MS	BP023347.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	4.95	12	*	20	120
			Phenol-d5	40	4.57	11		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.77	52		25	120
			2-Chlorophenol-d4	40	16.68	42		20	130
			4-Methylphenol-d8	40	10.78	27		25	125
			Nitrobenzene-d5	40	19.48	49		20	125
			2-Nitrophenol-d4	40	11.43	29		20	130
			2,4-Dichlorophenol-d3	40	18.02	45		20	120
			4-Chloroaniline-d4	40	17.45	44		1	146
			Dimethylphthalate-d6	40	23.67	59		25	130
			Acenaphthylene-d8	40	21.02	53		10	130
			4-Nitrophenol-d4	40	12.68	32		10	150
			Fluorene-d10	40	22.57	56		25	125
			4,6-Dinitro-2-methylphenol-d2	40	1.22	3	*	10	130
			Anthracene-d10	40	23.76	59		25	130
			Pyrene-d10	40	22.35	56		15	130
			Benzo(a)pyrene-d12	40	23.58	59		20	130
P5109-05MSD	BHJA2MSD	BP023348.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Pyridine-d5	40	4.88	12	*	20	120
			Phenol-d5	40	4.68	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.14	53		25	120
			2-Chlorophenol-d4	40	16.83	42		20	130
			4-Methylphenol-d8	40	10.75	27		25	125
			Nitrobenzene-d5	40	19.62	49		20	125
			2-Nitrophenol-d4	40	10.60	27		20	130
			2,4-Dichlorophenol-d3	40	18.14	45		20	120
			4-Chloroaniline-d4	40	16.45	41		1	146
			Dimethylphthalate-d6	40	22.78	57		25	130
			Acenaphthylene-d8	40	20.63	52		10	130
			4-Nitrophenol-d4	40	11.48	29		10	150

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-05MSD	BHJA2MSD	BP023348.D	Fluorene-d10	40	21.56	54		25	125
			4,6-Dinitro-2-methylphenol-d2	40	1.18	3	*	10	130
			Anthracene-d10	40	23.21	58		25	130
			Pyrene-d10	40	24.22	61		15	130
			Benzo(a)pyrene-d12	40	23.97	60		20	130
PB165459BL	PB165459BL	BP023342.D	1,4-Dioxane-d8	8	6.63	83		15	120
			Pyridine-d5	40	31.62	79		20	120
			Phenol-d5	40	30.13	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.49	79		25	120
			2-Chlorophenol-d4	40	30.96	77		20	130
			4-Methylphenol-d8	40	29.41	74		25	125
			Nitrobenzene-d5	40	30.21	76		20	125
			2-Nitrophenol-d4	40	30.25	76		20	130
			2,4-Dichlorophenol-d3	40	28.52	71		20	120
			4-Chloroaniline-d4	40	27.65	69		1	146
			Dimethylphthalate-d6	40	29.89	75		25	130
			Acenaphthylene-d8	40	29.10	73		10	130
			4-Nitrophenol-d4	40	29.91	75		10	150
			Fluorene-d10	40	29.21	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.34	68		10	130
			Anthracene-d10	40	31.68	79		25	130
			Pyrene-d10	40	30.17	75		15	130
			Benzo(a)pyrene-d12	40	29.46	74		20	130
			1,4-Dioxane-d8	8	5.19	65		15	120
			Pyridine-d5	40	27.48	69		20	120
PB165459BS	PB165459BS	BP023354.D	Phenol-d5	40	29.43	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.41	71		25	120
			2-Chlorophenol-d4	40	28.95	72		20	130
			4-Methylphenol-d8	40	28.14	70		25	125
			Nitrobenzene-d5	40	25.84	65		20	125
			2-Nitrophenol-d4	40	26.49	66		20	130
			2,4-Dichlorophenol-d3	40	27.97	70		20	120
			4-Chloroaniline-d4	40	24.08	60		1	146
			Dimethylphthalate-d6	40	26.21	66		25	130
			Acenaphthylene-d8	40	26.23	66		10	130
			4-Nitrophenol-d4	40	29.79	74		10	150
			Fluorene-d10	40	26.31	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.72	64		10	130
			Anthracene-d10	40	25.64	64		25	130
			Pyrene-d10	40	25.95	65		15	130
			Benzo(a)pyrene-d12	40	26.17	65		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-01	BHJA0	BP023351.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	2.32	6	*	20	120
			Phenol-d5	40	5.25	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.95	62		25	120
			2-Chlorophenol-d4	40	20.70	52		20	130
			4-Methylphenol-d8	40	13.49	34		25	125
			Nitrobenzene-d5	40	23.02	58		20	125
			2-Nitrophenol-d4	40	23.96	60		20	130
			2,4-Dichlorophenol-d3	40	20.31	51		20	120
			4-Chloroaniline-d4	40	12.51	31		1	146
			Dimethylphthalate-d6	40	26.67	67		25	130
			Acenaphthylene-d8	40	24.56	61		10	130
			4-Nitrophenol-d4	40	5.61	14		10	150
			Fluorene-d10	40	25.44	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.27	56		10	130
			Anthracene-d10	40	27.48	69		25	130
			Pyrene-d10	40	27.37	68		15	130
			Benzo(a)pyrene-d12	40	27.60	69		20	130
P5109-02	BHJA1	BP023352.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	2.46	6	*	20	120
			Phenol-d5	40	7.00	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.30	76		25	120
			2-Chlorophenol-d4	40	24.72	62		20	130
			4-Methylphenol-d8	40	16.77	42		25	125
			Nitrobenzene-d5	40	29.00	72		20	125
			2-Nitrophenol-d4	40	28.09	70		20	130
			2,4-Dichlorophenol-d3	40	25.73	64		20	120
			4-Chloroaniline-d4	40	15.20	38		1	146
			Dimethylphthalate-d6	40	30.45	76		25	130
			Acenaphthylene-d8	40	27.44	69		10	130
			4-Nitrophenol-d4	40	7.26	18		10	150
			Fluorene-d10	40	29.52	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.47	69		10	130
			Anthracene-d10	40	31.92	80		25	130
			Pyrene-d10	40	33.07	83		15	130
			Benzo(a)pyrene-d12	40	31.86	80		20	130
P5109-06	BHJA3	BP023353.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	3.58	9	*	20	120
			Phenol-d5	40	7.97	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.94	90		25	120
			2-Chlorophenol-d4	40	28.32	71		20	130
			4-Methylphenol-d8	40	19.27	48		25	125
			Nitrobenzene-d5	40	32.94	82		20	125
			2-Nitrophenol-d4	40	33.38	83		20	130
			2,4-Dichlorophenol-d3	40	29.57	74		20	120
			4-Chloroaniline-d4	40	20.00	50		1	146
			Dimethylphthalate-d6	40	34.81	87		25	130
			Acenaphthylene-d8	40	33.14	83		10	130
			4-Nitrophenol-d4	40	7.49	19		10	150

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-06	BHJA3	BP023353.D	Fluorene-d10	40	33.89	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.63	77		10	130
			Anthracene-d10	40	35.77	89		25	130
			Pyrene-d10	40	35.39	88		15	130
			Benzo(a)pyrene-d12	40	35.42	89		20	130
P5109-07	BHJB3	BP023358.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	3.19	8	*	20	120
			Phenol-d5	40	7.24	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.36	83		25	120
			2-Chlorophenol-d4	40	26.74	67		20	130
			4-Methylphenol-d8	40	17.14	43		25	125
			Nitrobenzene-d5	40	31.87	80		20	125
			2-Nitrophenol-d4	40	32.08	80		20	130
			2,4-Dichlorophenol-d3	40	27.55	69		20	120
			4-Chloroaniline-d4	40	16.66	42		1	146
			Dimethylphthalate-d6	40	32.98	82		25	130
			Acenaphthylene-d8	40	30.45	76		10	130
			4-Nitrophenol-d4	40	7.13	18		10	150
			Fluorene-d10	40	31.58	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.14	70		10	130
			Anthracene-d10	40	33.73	84		25	130
			Pyrene-d10	40	32.72	82		15	130
			Benzo(a)pyrene-d12	40	33.79	84		20	130
P5109-08	BHJB4	BP023359.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	2.49	6	*	20	120
			Phenol-d5	40	6.56	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.24	81		25	120
			2-Chlorophenol-d4	40	25.53	64		20	130
			4-Methylphenol-d8	40	17.28	43		25	125
			Nitrobenzene-d5	40	30.72	77		20	125
			2-Nitrophenol-d4	40	31.27	78		20	130
			2,4-Dichlorophenol-d3	40	27.16	68		20	120
			4-Chloroaniline-d4	40	20.58	51		1	146
			Dimethylphthalate-d6	40	34.86	87		25	130
			Acenaphthylene-d8	40	31.06	78		10	130
			4-Nitrophenol-d4	40	7.75	19		10	150
			Fluorene-d10	40	34.09	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.19	75		10	130
			Anthracene-d10	40	35.01	88		25	130
			Pyrene-d10	40	36.41	91		15	130
			Benzo(a)pyrene-d12	40	35.00	88		20	130
PB165469BL	PB165469BL	BP023356.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	24.56	61		20	120
			Phenol-d5	40	25.96	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.46	66		25	120
			2-Chlorophenol-d4	40	26.23	66		20	130
			4-Methylphenol-d8	40	24.91	62		25	125
			Nitrobenzene-d5	40	26.00	65		20	125
			2-Nitrophenol-d4	40	25.70	64		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165469BL	PB165469BL	BP023356.D	2,4-Dichlorophenol-d3	40	24.73	62		20	120
			4-Chloroaniline-d4	40	23.58	59		1	146
			Dimethylphthalate-d6	40	27.48	69		25	130
			Acenaphthylene-d8	40	25.67	64		10	130
			4-Nitrophenol-d4	40	26.90	67		10	150
			Fluorene-d10	40	25.73	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.11	55		10	130
			Anthracene-d10	40	25.89	65		25	130
			Pyrene-d10	40	26.63	67		15	130
			Benzo(a)pyrene-d12	40	26.01	65		20	130
			1,4-Dioxane-d8	8	5.21	65		15	120
			Pyridine-d5	40	26.03	65		20	120
			Phenol-d5	40	27.20	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.83	67		25	120
PB165469BS	PB165469BS	BP023366.D	2-Chlorophenol-d4	40	27.39	68		20	130
			4-Methylphenol-d8	40	26.49	66		25	125
			Nitrobenzene-d5	40	25.20	63		20	125
			2-Nitrophenol-d4	40	26.04	65		20	130
			2,4-Dichlorophenol-d3	40	28.04	70		20	120
			4-Chloroaniline-d4	40	23.84	60		1	146
			Dimethylphthalate-d6	40	26.31	66		25	130
			Acenaphthylene-d8	40	25.86	65		10	130
			4-Nitrophenol-d4	40	25.77	64		10	150
			Fluorene-d10	40	26.02	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.92	65		10	130
			Anthracene-d10	40	25.96	65		25	130
			Pyrene-d10	40	25.66	64		15	130
			Benzo(a)pyrene-d12	40	26.30	66		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5111-01	BG450	BP023360.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	4.72	12	*	20	120
			Phenol-d5	40	5.97	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.28	78		25	120
			2-Chlorophenol-d4	40	24.29	61		20	130
			4-Methylphenol-d8	40	15.10	38		25	125
			Nitrobenzene-d5	40	28.77	72		20	125
			2-Nitrophenol-d4	40	29.11	73		20	130
			2,4-Dichlorophenol-d3	40	25.61	64		20	120
			4-Chloroaniline-d4	40	20.72	52		1	146
			Dimethylphthalate-d6	40	31.87	80		25	130
			Acenaphthylene-d8	40	28.69	72		10	130
			4-Nitrophenol-d4	40	6.37	16		10	150
			Fluorene-d10	40	31.05	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.33	71		10	130
			Anthracene-d10	40	34.19	85		25	130
			Pyrene-d10	40	34.30	86		15	130
			Benzo(a)pyrene-d12	40	33.63	84		20	130
P5111-06	BG455	BP023361.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	4.33	11	*	20	120
			Phenol-d5	40	7.85	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.60	81		25	120
			2-Chlorophenol-d4	40	27.14	68		20	130
			4-Methylphenol-d8	40	19.21	48		25	125
			Nitrobenzene-d5	40	29.30	73		20	125
			2-Nitrophenol-d4	40	30.70	77		20	130
			2,4-Dichlorophenol-d3	40	29.30	73		20	120
			4-Chloroaniline-d4	40	12.79	32		1	146
			Dimethylphthalate-d6	40	32.51	81		25	130
			Acenaphthylene-d8	40	29.71	74		10	130
			4-Nitrophenol-d4	40	8.75	22		10	150
			Fluorene-d10	40	31.21	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.98	72		10	130
			Anthracene-d10	40	31.77	79		25	130
			Pyrene-d10	40	29.82	75		15	130
			Benzo(a)pyrene-d12	40	31.52	79		20	130
P5111-09	BG458	BP023362.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Pyridine-d5	40	9.62	24		20	120
			Phenol-d5	40	7.07	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.23	68		25	120
			2-Chlorophenol-d4	40	23.65	59		20	130
			4-Methylphenol-d8	40	16.79	42		25	125
			Nitrobenzene-d5	40	26.00	65		20	125
			2-Nitrophenol-d4	40	27.25	68		20	130
			2,4-Dichlorophenol-d3	40	27.02	68		20	120
			4-Chloroaniline-d4	40	21.66	54		1	146
			Dimethylphthalate-d6	40	30.27	76		25	130
			Acenaphthylene-d8	40	26.62	67		10	130
			4-Nitrophenol-d4	40	9.53	24		10	150

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5111-09	BG458	BP023362.D	Fluorene-d10	40	29.49	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.62	72		10	130
			Anthracene-d10	40	31.51	79		25	130
			Pyrene-d10	40	31.11	78		15	130
			Benzo(a)pyrene-d12	40	30.86	77		20	130
P5111-10	BG459	BP023363.D	1,4-Dioxane-d8	8	3.88	49		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.49	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.74	72		25	120
			2-Chlorophenol-d4	40	26.17	65		20	130
			4-Methylphenol-d8	40	21.03	53		25	125
			Nitrobenzene-d5	40	27.67	69		20	125
			2-Nitrophenol-d4	40	28.72	72		20	130
			2,4-Dichlorophenol-d3	40	25.00	63		20	120
			4-Chloroaniline-d4	40	1.41	4		1	146
			Dimethylphthalate-d6	40	30.38	76		25	130
			Acenaphthylene-d8	40	27.23	68		10	130
			4-Nitrophenol-d4	40	11.47	29		10	150
			Fluorene-d10	40	28.22	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.15	63		10	130
			Anthracene-d10	40	30.35	76		25	130
			Pyrene-d10	40	31.57	79		15	130
			Benzo(a)pyrene-d12	40	30.49	76		20	130
			1,4-Dioxane-d8	8	4.46	56		15	120
			Pyridine-d5	40	3.57	9	*	20	120
P5111-11	BG460	BP023364.D	Phenol-d5	40	8.53	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.32	83		25	120
			2-Chlorophenol-d4	40	27.80	69		20	130
			4-Methylphenol-d8	40	19.31	48		25	125
			Nitrobenzene-d5	40	31.02	78		20	125
			2-Nitrophenol-d4	40	32.31	81		20	130
			2,4-Dichlorophenol-d3	40	29.13	73		20	120
			4-Chloroaniline-d4	40	21.27	53		1	146
			Dimethylphthalate-d6	40	32.94	82		25	130
			Acenaphthylene-d8	40	31.31	78		10	130
			4-Nitrophenol-d4	40	8.73	22		10	150
			Fluorene-d10	40	31.55	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.66	69		10	130
			Anthracene-d10	40	33.75	84		25	130
			Pyrene-d10	40	33.79	84		15	130
			Benzo(a)pyrene-d12	40	32.75	82		20	130
			1,4-Dioxane-d8	8	4.12	51		15	120
			Pyridine-d5	40	4.20	11	*	20	120
			Phenol-d5	40	7.61	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.41	76		25	120
P5111-12	BG461	BP023365.D	2-Chlorophenol-d4	40	25.39	63		20	130
			4-Methylphenol-d8	40	18.04	45		25	125
			Nitrobenzene-d5	40	30.04	75		20	125
			2-Nitrophenol-d4	40	31.26	78		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5111-12	BG461	BP023365.D	2,4-Dichlorophenol-d3	40	29.05	73		20	120
			4-Chloroaniline-d4	40	18.87	47		1	146
			Dimethylphthalate-d6	40	32.60	82		25	130
			Acenaphthylene-d8	40	29.01	73		10	130
			4-Nitrophenol-d4	40	9.39	23		10	150
			Fluorene-d10	40	31.38	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.99	72		10	130
			Anthracene-d10	40	33.87	85		25	130
			Pyrene-d10	40	32.52	81		15	130
			Benzo(a)pyrene-d12	40	32.87	82		20	130
PB165476BL	PB165476BL	BP023357.D	1,4-Dioxane-d8	8	6.43	80		15	120
			Pyridine-d5	40	29.78	74		20	120
			Phenol-d5	40	29.14	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.75	77		25	120
			2-Chlorophenol-d4	40	30.72	77		20	130
			4-Methylphenol-d8	40	27.98	70		25	125
			Nitrobenzene-d5	40	28.22	71		20	125
			2-Nitrophenol-d4	40	28.59	71		20	130
			2,4-Dichlorophenol-d3	40	27.46	69		20	120
			4-Chloroaniline-d4	40	26.29	66		1	146
			Dimethylphthalate-d6	40	28.81	72		25	130
			Acenaphthylene-d8	40	28.01	70		10	130
			4-Nitrophenol-d4	40	28.23	71		10	150
			Fluorene-d10	40	27.67	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.89	62		10	130
			Anthracene-d10	40	29.39	73		25	130
			Pyrene-d10	40	28.48	71		15	130
			Benzo(a)pyrene-d12	40	27.80	70		20	130
PB165476BS	PB165476BS	BP023367.D	1,4-Dioxane-d8	8	5.74	72		15	120
			Pyridine-d5	40	30.84	77		20	120
			Phenol-d5	40	31.81	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.42	74		25	120
			2-Chlorophenol-d4	40	30.76	77		20	130
			4-Methylphenol-d8	40	30.60	77		25	125
			Nitrobenzene-d5	40	28.21	71		20	125
			2-Nitrophenol-d4	40	29.62	74		20	130
			2,4-Dichlorophenol-d3	40	30.00	75		20	120
			4-Chloroaniline-d4	40	19.57	49		1	146
			Dimethylphthalate-d6	40	28.92	72		25	130
			Acenaphthylene-d8	40	28.37	71		10	130
			4-Nitrophenol-d4	40	33.76	84		10	150
			Fluorene-d10	40	28.60	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.74	74		10	130
			Anthracene-d10	40	28.06	70		25	130
			Pyrene-d10	40	28.74	72		15	130
			Benzo(a)pyrene-d12	40	29.08	73		20	130

Surrogate Summary

SW-846

SDG No.: BP121024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5193-10	SVOC-GPC2-BLA1BP023368.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121024

Lab Code: CHEM

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023339.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	33.8
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	15.6 (19.4) 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
SSTD020740	SSTDCCC020	BP023340.D	12/10/2024	10:26
SBLK457	PB165457BL	BP023341.D	12/10/2024	11:10
SBLK459	PB165459BL	BP023342.D	12/10/2024	11:50
BHJ99	P5107-20	BP023343.D	12/10/2024	12:30
BHJ99MS	P5107-21MS	BP023344.D	12/10/2024	13:11
BHJ99MSD	P5107-22MSD	BP023345.D	12/10/2024	13:51
BHJA2	P5109-03	BP023346.D	12/10/2024	14:32
BHJA2MS	P5109-04MS	BP023347.D	12/10/2024	15:12
BHJA2MSD	P5109-05MSD	BP023348.D	12/10/2024	15:53
SLCS457	PB165457BS	BP023349.D	12/10/2024	16:33
BHJ99MSD	P5107-22MSD	BP023350.D	12/10/2024	17:14
BHJA0	P5109-01	BP023351.D	12/10/2024	17:54
BHJA1	P5109-02	BP023352.D	12/10/2024	18:35
BHJA3	P5109-06	BP023353.D	12/10/2024	19:15
SLCS459	PB165459BS	BP023354.D	12/10/2024	19:56
SSTD020741	SSTDCCC020	BP023355.D	12/10/2024	21:17
SBLK469	PB165469BL	BP023356.D	12/10/2024	21:57
SBLK476	PB165476BL	BP023357.D	12/10/2024	22:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121024

Lab Code: CHEM

SAS No.: BP121024 SDG NO.: BP121024

Lab File ID: BP023339.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	33.8
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	15.6 (19.4) 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
BHJB3	P5109-07	BP023358.D	12/10/2024	23:18
BHJB4	P5109-08	BP023359.D	12/10/2024	23:59
BG450	P5111-01	BP023360.D	12/11/2024	00:39
BG455	P5111-06	BP023361.D	12/11/2024	01:20
BG458	P5111-09	BP023362.D	12/11/2024	02:00
BG459	P5111-10	BP023363.D	12/11/2024	02:41
BG460	P5111-11	BP023364.D	12/11/2024	03:21
BG461	P5111-12	BP023365.D	12/11/2024	04:02
SLCS469	PB165469BS	BP023366.D	12/11/2024	04:43
SLCS476	PB165476BS	BP023367.D	12/11/2024	05:23
SVOC-GPC2-BLANK	P5193-10	BP023368.D	12/11/2024	06:04
SSTD020742	SSTDCCC020EC	BP023369.D	12/11/2024	07:25