

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624
Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 10:25
Lab File ID: BP023429.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020750 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	0.535	0.010	-10.9972	40.0
Benzaldehyde	0.897	1.054	0.010	17.4772	40.0
Pyridine	1.427	1.341	0.010	-5.9986	40.0
Phenol	1.634	1.578	0.080	-3.3913	20.0
Bis(2-Chloroethyl)ether	1.290	1.254	0.100	-2.795	20.0
2-Chlorophenol	1.214	1.180	0.200	-2.7943	20.0
2-Methylphenol	1.212	1.159	0.010	-4.3761	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.607	0.010	2.4929	40.0
Acetophenone	2.132	2.059	0.060	-3.4094	20.0
4-Methylphenol	1.308	1.277	0.010	-2.3683	20.0
N-Nitroso-di-n-propylamine	1.162	1.109	0.050	-4.529	30.0
Hexachloroethane	0.591	0.560	0.100	-5.2266	20.0
Nitrobenzene	0.454	0.443	0.050	-2.4829	25.0
Isophorone	0.805	0.805	0.050	-0.0035	25.0
2-Nitrophenol	0.184	0.189	0.050	2.9091	25.0
2,4-Dimethylphenol	0.407	0.400	0.050	-1.7705	25.0
Bis(2-Chloroethoxy)methane	0.455	0.464	0.050	1.9284	20.0
2,4-Dichlorophenol	0.360	0.347	0.060	-3.7603	20.0
Naphthalene	1.047	1.005	0.200	-3.9794	20.0
4-Chloroaniline	0.395	0.396	0.010	0.3587	40.0
Hexachlorobutadiene	0.319	0.299	0.040	-6.4918	30.0
Caprolactam	0.105	0.107	0.010	2.2244	40.0
4-Chloro-3-methylphenol	0.391	0.386	0.040	-1.3635	25.0
1-Methylnaphthalene	0.791	0.748	0.100	-5.4616	20.0
2-Methylnaphthalene	0.776	0.737	0.100	-5.107	20.0
Hexachlorocyclopentadiene	0.351	0.310	0.010	-11.6064	40.0
2,4,6-Trichlorophenol	0.432	0.443	0.090	2.6671	25.0
2,4,5-Trichlorophenol	0.461	0.464	0.100	0.6331	25.0
1,1-Biphenyl	1.417	1.384	0.200	-2.3131	20.0
2-Chloronaphthalene	1.146	1.123	0.300	-1.9988	20.0
2-Nitroaniline	0.332	0.359	0.050	8.1645	40.0
Dimethylphthalate	1.529	1.482	0.300	-3.0995	20.0
2,6-Dinitrotoluene	0.293	0.299	0.080	2.0555	30.0
Acenaphthylene	1.668	1.647	0.400	-1.2216	20.0
3-Nitroaniline	0.246	0.259	0.010	5.4766	40.0
Acenaphthene	1.219	1.174	0.200	-3.6552	20.0
2,4-Dinitrophenol	0.189	0.196	0.010	3.719	40.0
4-Nitrophenol	0.256	0.264	0.010	2.9459	40.0
Dibenzofuran	1.851	1.783	0.300	-3.6791	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 10:25

Lab File ID: BP023429.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020750 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	0.467	0.070	-1.0533	30.0
Diethylphthalate	1.525	1.488	0.300	-2.4152	20.0
Fluorene	1.507	1.418	0.200	-5.9127	20.0
4-Chlorophenyl-phenylether	0.874	0.817	0.100	-6.502	20.0
4-Nitroaniline	0.216	0.241	0.010	11.6066	40.0
4,6-Dinitro-2-methylphenol	0.128	0.142	0.010	10.781	40.0
N-Nitrosodiphenylamine	0.511	0.546	0.050	6.9167	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.706	0.100	-3.2793	20.0
4-Bromophenyl-phenylether	0.236	0.243	0.070	2.7813	20.0
Hexachlorobenzene	0.289	0.286	0.050	-1.0888	25.0
Atrazine	0.222	0.247	0.010	11.0371	25.0
Pentachlorophenol	0.169	0.165	0.010	-2.277	40.0
Phenanthrene	1.034	1.052	0.200	1.7369	20.0
Pentachlorobenzene	0.318	0.340	0.050	6.9271	20.0
Anthracene	1.034	1.048	0.200	1.3851	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.313	0.050	8.6717	20.0
Carbazole	0.842	0.908	0.050	7.829	40.0
Di-n-butylphthalate	1.035	1.109	0.500	7.1078	25.0
Fluoranthene	1.197	1.185	0.400	-1.0036	25.0
Pyrene	1.271	1.207	0.400	-4.9767	25.0
Butylbenzylphthalate	0.440	0.478	0.100	8.6994	40.0
3,3-Dichlorobenzidine	0.459	0.451	0.010	-1.6902	40.0
Benzo (a) anthracene	1.341	1.247	0.300	-7.023	30.0
Chrysene	1.285	1.143	0.200	-11.0793	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.663	0.200	4.8583	40.0
Di-n-octyl phthalate	0.977	1.016	0.010	3.9779	40.0
Benzo (b) fluoranthene	1.257	1.175	0.200	-6.4784	25.0
Benzo (k) fluoranthene	1.250	1.143	0.200	-8.6054	25.0
Benzo (a) pyrene	1.139	1.070	0.200	-6.0984	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.408	0.200	-3.8351	25.0
Dibenzo (a,h) anthracene	1.172	1.112	0.200	-5.0897	30.0
Benzo (g,h,i) perylene	1.121	1.057	0.200	-5.7014	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.431	0.040	-6.0288	20.0
1,4-Dioxane-d8	0.543	0.465	0.010	-14.4355	25.0
Pyridine-d5	1.397	1.287	0.010	-7.8989	40.0
Phenol-d5	1.569	1.530	0.010	-2.476	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	0.981	0.050	-0.8646	25.0
2-Chlorophenol-d4	1.158	1.122	0.200	-3.115	20.0
4-Methylphenol-d8	1.267	1.212	0.010	-4.3328	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 10:25

Lab File ID: BP023429.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020750 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.150	0.050	0.2168	20.0
2-Nitrophenol-d4	0.172	0.180	0.050	4.5366	30.0
2,4-Dichlorophenol-d3	0.363	0.359	0.060	-1.1004	20.0
4-Chloroaniline-d4	0.407	0.408	0.010	0.2876	40.0
Dimethylphthalate-d6	1.553	1.519	0.300	-2.1928	20.0
Acenaphthylene-d8	1.638	1.617	0.400	-1.249	20.0
4-Nitrophenol-d4	0.190	0.160	0.010	-15.975	40.0
Fluorene-d10	1.366	1.290	0.100	-5.5745	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.126	0.010	4.5633	40.0
Anthracene-d10	0.913	0.936	0.300	2.4904	20.0
Pyrene-d10	1.045	1.017	0.300	-2.7169	25.0
Benzo(a)pyrene-d12	1.071	0.991	0.010	-7.4183	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 17:08

Lab File ID: BP023437.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020751 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	0.424	0.010	-29.4009	40.0
Benzaldehyde	0.897	0.972	0.010	8.4011	40.0
Pyridine	1.427	1.193	0.010	-16.3958	40.0
Phenol	1.634	1.529	0.080	-6.4029	20.0
Bis(2-Chloroethyl)ether	1.290	1.204	0.100	-6.6688	20.0
2-Chlorophenol	1.214	1.153	0.200	-5.0193	20.0
2-Methylphenol	1.212	1.163	0.010	-3.9724	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.516	0.010	-3.3629	40.0
Acetophenone	2.132	2.013	0.060	-5.5863	20.0
4-Methylphenol	1.308	1.280	0.010	-2.1334	20.0
N-Nitroso-di-n-propylamine	1.162	1.088	0.050	-6.2919	30.0
Hexachloroethane	0.591	0.551	0.100	-6.8047	20.0
Nitrobenzene	0.454	0.429	0.050	-5.5981	25.0
Isophorone	0.805	0.798	0.050	-0.8421	25.0
2-Nitrophenol	0.184	0.188	0.050	2.0253	25.0
2,4-Dimethylphenol	0.407	0.388	0.050	-4.5993	25.0
Bis(2-Chloroethoxy)methane	0.455	0.437	0.050	-3.884	20.0
2,4-Dichlorophenol	0.360	0.347	0.060	-3.7567	20.0
Naphthalene	1.047	1.035	0.200	-1.1761	20.0
4-Chloroaniline	0.395	0.414	0.010	5.0223	40.0
Hexachlorobutadiene	0.319	0.298	0.040	-6.8392	30.0
Caprolactam	0.105	0.108	0.010	2.4266	40.0
4-Chloro-3-methylphenol	0.391	0.385	0.040	-1.4498	25.0
1-Methylnaphthalene	0.791	0.756	0.100	-4.4069	20.0
2-Methylnaphthalene	0.776	0.733	0.100	-5.612	20.0
Hexachlorocyclopentadiene	0.351	0.262	0.010	-25.2927	40.0
2,4,6-Trichlorophenol	0.432	0.441	0.090	2.1225	25.0
2,4,5-Trichlorophenol	0.461	0.466	0.100	0.8991	25.0
1,1-Biphenyl	1.417	1.364	0.200	-3.7123	20.0
2-Chloronaphthalene	1.146	1.103	0.300	-3.7993	20.0
2-Nitroaniline	0.332	0.338	0.050	1.8224	40.0
Dimethylphthalate	1.529	1.432	0.300	-6.3505	20.0
2,6-Dinitrotoluene	0.293	0.292	0.080	-0.4538	30.0
Acenaphthylene	1.668	1.628	0.400	-2.3561	20.0
3-Nitroaniline	0.246	0.256	0.010	4.4278	40.0
Acenaphthene	1.219	1.153	0.200	-5.4403	20.0
2,4-Dinitrophenol	0.189	0.186	0.010	-1.7246	40.0
4-Nitrophenol	0.256	0.246	0.010	-4.0215	40.0
Dibenzofuran	1.851	1.761	0.300	-4.8653	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 17:08

Lab File ID: BP023437.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020751 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	-3.5199	30.0
Diethylphthalate	1.525	1.436	0.300	-5.8418	20.0
Fluorene	1.507	1.384	0.200	-8.2125	20.0
4-Chlorophenyl-phenylether	0.874	0.794	0.100	-9.1633	20.0
4-Nitroaniline	0.216	0.248	0.010	14.8276	40.0
4,6-Dinitro-2-methylphenol	0.128	0.110	0.010	-14.28	40.0
N-Nitrosodiphenylamine	0.511	0.544	0.050	6.4211	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.691	0.100	-5.3033	20.0
4-Bromophenyl-phenylether	0.236	0.245	0.070	3.8043	20.0
Hexachlorobenzene	0.289	0.282	0.050	-2.3578	25.0
Atrazine	0.222	0.242	0.010	8.8953	25.0
Pentachlorophenol	0.169	0.157	0.010	-6.8508	40.0
Phenanthrene	1.034	1.035	0.200	0.0629	20.0
Pentachlorobenzene	0.318	0.328	0.050	3.2134	20.0
Anthracene	1.034	1.065	0.200	3.0025	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.312	0.050	8.0521	20.0
Carbazole	0.842	0.897	0.050	6.5477	40.0
Di-n-butylphthalate	1.035	1.068	0.500	3.1783	25.0
Fluoranthene	1.197	1.288	0.400	7.5806	25.0
Pyrene	1.271	1.353	0.400	6.4897	25.0
Butylbenzylphthalate	0.440	0.481	0.100	9.403	40.0
3,3-Dichlorobenzidine	0.459	0.421	0.010	-8.3267	40.0
Benzo (a) anthracene	1.341	1.275	0.300	-4.9145	30.0
Chrysene	1.285	1.159	0.200	-9.8594	30.0
Bis (2-ethylhexyl) phthalate	0.632	0.668	0.200	5.7159	40.0
Di-n-octyl phthalate	0.977	1.046	0.010	7.053	40.0
Benzo (b) fluoranthene	1.257	1.191	0.200	-5.253	25.0
Benzo (k) fluoranthene	1.250	1.178	0.200	-5.768	25.0
Benzo (a) pyrene	1.139	1.103	0.200	-3.1935	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.467	0.200	0.1993	25.0
Dibenzo (a,h) anthracene	1.172	1.178	0.200	0.5384	30.0
Benzo (g,h,i) perylene	1.121	1.129	0.200	0.715	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.426	0.040	-7.0767	20.0
1,4-Dioxane-d8	0.543	0.431	0.010	-20.6146	25.0
Pyridine-d5	1.397	1.162	0.010	-16.8185	40.0
Phenol-d5	1.569	1.469	0.010	-6.419	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	0.919	0.050	-7.1408	25.0
2-Chlorophenol-d4	1.158	1.092	0.200	-5.7227	20.0
4-Methylphenol-d8	1.267	1.192	0.010	-5.8924	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/16/2024 : 17:08

Lab File ID: BP023437.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020751 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.146	0.050	-2.0368	20.0
2-Nitrophenol-d4	0.172	0.179	0.050	3.7222	30.0
2,4-Dichlorophenol-d3	0.363	0.353	0.060	-2.7532	20.0
4-Chloroaniline-d4	0.407	0.439	0.010	7.9373	40.0
Dimethylphthalate-d6	1.553	1.440	0.300	-7.2368	20.0
Acenaphthylene-d8	1.638	1.580	0.400	-3.5389	20.0
4-Nitrophenol-d4	0.190	0.133	0.010	-30.0068	40.0
Fluorene-d10	1.366	1.259	0.100	-7.7735	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.105	0.010	-13.0373	40.0
Anthracene-d10	0.913	0.944	0.300	3.3964	20.0
Pyrene-d10	1.045	1.086	0.300	3.9265	25.0
Benzo(a)pyrene-d12	1.071	1.006	0.010	-6.0132	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.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/17/2024 : 04:36

Lab File ID: BP023453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020752 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	0.491	0.010	-18.3959	40.0
Benzaldehyde	0.897	1.000	0.010	11.4425	40.0
Pyridine	1.427	1.198	0.010	-16.0127	40.0
Phenol	1.634	1.551	0.080	-5.061	20.0
Bis(2-Chloroethyl)ether	1.290	1.219	0.100	-5.5118	20.0
2-Chlorophenol	1.214	1.149	0.200	-5.3529	20.0
2-Methylphenol	1.212	1.134	0.010	-6.3988	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.524	0.010	-2.7945	40.0
Acetophenone	2.132	1.893	0.060	-11.2172	20.0
4-Methylphenol	1.308	1.217	0.010	-6.9474	20.0
N-Nitroso-di-n-propylamine	1.162	1.011	0.050	-12.9891	30.0
Hexachloroethane	0.591	0.570	0.100	-3.6073	20.0
Nitrobenzene	0.454	0.427	0.050	-6.0056	25.0
Isophorone	0.805	0.771	0.050	-4.2348	25.0
2-Nitrophenol	0.184	0.184	0.050	0.2779	25.0
2,4-Dimethylphenol	0.407	0.394	0.050	-3.3255	25.0
Bis(2-Chloroethoxy)methane	0.455	0.435	0.050	-4.3269	20.0
2,4-Dichlorophenol	0.360	0.354	0.060	-1.7013	20.0
Naphthalene	1.047	0.999	0.200	-4.5421	20.0
4-Chloroaniline	0.395	0.380	0.010	-3.6793	40.0
Hexachlorobutadiene	0.319	0.300	0.040	-6.1041	30.0
Caprolactam	0.105	0.099	0.010	-5.5918	40.0
4-Chloro-3-methylphenol	0.391	0.374	0.040	-4.343	25.0
1-Methylnaphthalene	0.791	0.732	0.100	-7.5043	20.0
2-Methylnaphthalene	0.776	0.758	0.100	-2.4131	20.0
Hexachlorocyclopentadiene	0.351	0.272	0.010	-22.3316	40.0
2,4,6-Trichlorophenol	0.432	0.445	0.090	3.1041	25.0
2,4,5-Trichlorophenol	0.461	0.462	0.100	0.171	25.0
1,1-Biphenyl	1.417	1.379	0.200	-2.7179	20.0
2-Chloronaphthalene	1.146	1.122	0.300	-2.1143	20.0
2-Nitroaniline	0.332	0.324	0.050	-2.3068	40.0
Dimethylphthalate	1.529	1.456	0.300	-4.788	20.0
2,6-Dinitrotoluene	0.293	0.289	0.080	-1.308	30.0
Acenaphthylene	1.668	1.637	0.400	-1.8358	20.0
3-Nitroaniline	0.246	0.258	0.010	5.1511	40.0
Acenaphthene	1.219	1.178	0.200	-3.3444	20.0
2,4-Dinitrophenol	0.189	0.217	0.010	14.6234	40.0
4-Nitrophenol	0.256	0.245	0.010	-4.2296	40.0
Dibenzofuran	1.851	1.732	0.300	-6.4521	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/17/2024 : 04:36

Lab File ID: BP023453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020752 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	0.435	0.070	-7.8451	30.0
Diethylphthalate	1.525	1.389	0.300	-8.9195	20.0
Fluorene	1.507	1.397	0.200	-7.3129	20.0
4-Chlorophenyl-phenylether	0.874	0.789	0.100	-9.7866	20.0
4-Nitroaniline	0.216	0.240	0.010	11.2824	40.0
4,6-Dinitro-2-methylphenol	0.128	0.122	0.010	-5.0776	40.0
N-Nitrosodiphenylamine	0.511	0.531	0.050	3.9662	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.715	0.100	-1.9815	20.0
4-Bromophenyl-phenylether	0.236	0.234	0.070	-0.8305	20.0
Hexachlorobenzene	0.289	0.285	0.050	-1.6149	25.0
Atrazine	0.222	0.233	0.010	4.7945	25.0
Pentachlorophenol	0.169	0.168	0.010	-0.3925	40.0
Phenanthrene	1.034	1.047	0.200	1.2219	20.0
Pentachlorobenzene	0.318	0.329	0.050	3.6025	20.0
Anthracene	1.034	1.026	0.200	-0.774	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.319	0.050	10.7521	20.0
Carbazole	0.842	0.898	0.050	6.6467	40.0
Di-n-butylphthalate	1.035	1.082	0.500	4.5462	25.0
Fluoranthene	1.197	1.255	0.400	4.8395	25.0
Pyrene	1.271	1.331	0.400	4.7746	25.0
Butylbenzylphthalate	0.440	0.460	0.100	4.4603	40.0
3,3-Dichlorobenzidine	0.459	0.440	0.010	-4.0328	40.0
Benzo (a) anthracene	1.341	1.277	0.300	-4.8011	30.0
Chrysene	1.285	1.195	0.200	-6.9884	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.658	0.200	4.1768	40.0
Di-n-octyl phthalate	0.977	0.966	0.010	-1.0604	40.0
Benzo (b) fluoranthene	1.257	1.147	0.200	-8.7363	25.0
Benzo (k) fluoranthene	1.250	1.149	0.200	-8.0891	25.0
Benzo (a) pyrene	1.139	1.060	0.200	-7.0059	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.421	0.200	-2.9783	25.0
Dibenzo (a,h) anthracene	1.172	1.141	0.200	-2.5943	30.0
Benzo (g,h,i) perylene	1.121	1.095	0.200	-2.3455	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.424	0.040	-7.5354	20.0
1,4-Dioxane-d8	0.543	0.416	0.010	-23.3468	25.0
Pyridine-d5	1.397	1.165	0.010	-16.5771	40.0
Phenol-d5	1.569	1.478	0.010	-5.8083	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	0.932	0.050	-5.899	25.0
2-Chlorophenol-d4	1.158	1.129	0.200	-2.4881	20.0
4-Methylphenol-d8	1.267	1.168	0.010	-7.7576	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG No.: BP121624

Instrument ID: BNA_P Calibration Date/Time: 12/17/2024 : 04:36

Lab File ID: BP023453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020752 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.150	0.050	0.7586	20.0
2-Nitrophenol-d4	0.172	0.175	0.050	1.6311	30.0
2,4-Dichlorophenol-d3	0.363	0.365	0.060	0.4788	20.0
4-Chloroaniline-d4	0.407	0.396	0.010	-2.7572	40.0
Dimethylphthalate-d6	1.553	1.457	0.300	-6.1513	20.0
Acenaphthylene-d8	1.638	1.581	0.400	-3.4581	20.0
4-Nitrophenol-d4	0.190	0.143	0.010	-24.7775	40.0
Fluorene-d10	1.366	1.259	0.100	-7.8385	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.118	0.010	-2.2427	40.0
Anthracene-d10	0.913	0.930	0.300	1.9414	20.0
Pyrene-d10	1.045	1.081	0.300	3.4179	25.0
Benzo(a)pyrene-d12	1.071	0.999	0.010	-6.7227	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK588	SDG No.:	BP121624
Lab Sample ID:	PB165588BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023430.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165588

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK588	SDG No.:	BP121624
Lab Sample ID:	PB165588BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023430.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165588

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK588	SDG No.:	BP121624
Lab Sample ID:	PB165588BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023430.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165588

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.577		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	26.15		20-120		65	SPK: -40
4165-62-2	Phenol-d5	30.707		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.932		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.557		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.521		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.549		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.346		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.747		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.294		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.37		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.743		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.742		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	30.203		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK588	SDG No.:	BP121624
Lab Sample ID:	PB165588BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023430.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165588

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.619		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	33.628		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	30.964		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.593		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107273	7.528				
1146-65-2	Naphthalene-d8	389810	10.269				
15067-26-2	Acenaphthene-d10	291325	14.145				
1517-22-2	Phenanthrene-d10	666365	16.945				
1719-03-5	Chrysene-d12	768327	21.369				
1520-96-3	Perylene-d12	830903	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023431.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023431.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023431.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.114		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.904		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.93		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.39		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.921		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.694		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	24.552		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.174		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.006		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.484		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.138		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.484		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.341		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	24.023		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023431.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.572		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	26.392		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	24.736		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.319		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104165	7.528				
1146-65-2	Naphthalene-d8	375496	10.275				
15067-26-2	Acenaphthene-d10	281059	14.139				
1517-22-2	Phenanthrene-d10	659564	16.945				
1719-03-5	Chrysene-d12	798603	21.38				
1520-96-3	Perylene-d12	899329	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W5	SDG No.:	BP121624
Lab Sample ID:	P5155-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023432.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	250	2500	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	3100	13000	ug/Kg
110-86-1	Pyridine	2100	U	2100	6200	13000	ug/Kg
108-95-2	Phenol	2100	J	1500	3100	13000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	3100	13000	ug/Kg
95-57-8	2-Chlorophenol	980	U	980	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	13000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2500	U	2500	3100	13000	ug/Kg
98-86-2	Acetophenone	5700	J	1200	3100	13000	ug/Kg
106-44-5	4-Methylphenol	1100	U	1100	3100	13000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1600	6300	ug/Kg
67-72-1	Hexachloroethane	600	U	600	1600	6300	ug/Kg
98-95-3	Nitrobenzene	1200	U	1200	1600	6300	ug/Kg
78-59-1	Isophorone	1400	U	1400	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	880	U	880	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	890	U	890	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600	U	1600	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	800	U	800	1600	6300	ug/Kg
91-20-3	Naphthalene	880	U	880	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	700	U	700	1600	13000	ug/Kg
87-68-3	Hexachlorobutadiene	1800	U	1800	1600	6300	ug/Kg
105-60-2	Caprolactam	3500	U	3500	3100	13000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	800	U	800	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	U	3400	3100	13000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	U	950	1600	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W5	SDG No.:	BP121624
Lab Sample ID:	P5155-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023432.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880	U	880	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	880	U	880	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	2000	U	2000	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	920	U	920	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1600	6300	ug/Kg
208-96-8	Acenaphthylene	990	U	990	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	1100	U	1100	3100	13000	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	3100	13000	ug/Kg
100-02-7	4-Nitrophenol	1400	U	1400	3100	13000	ug/Kg
132-64-9	Dibenzofuran	900	U	900	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1600	6300	ug/Kg
84-66-2	Diethylphthalate	1000	U	1000	1600	6300	ug/Kg
86-73-7	Fluorene	890	U	890	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890	U	890	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	970	U	970	3100	13000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2800	U	2800	3100	13000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	920	U	920	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	800	U	800	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	890	U	890	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1600	6300	ug/Kg
1912-24-9	Atrazine	2500	U	2500	3100	13000	ug/Kg
87-86-5	Pentachlorophenol	2300	U	2300	3100	13000	ug/Kg
85-01-8	Phenanthrene	1100	U	1100	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1600	6300	ug/Kg
120-12-7	Anthracene	850	U	850	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	U	2100	1600	6300	ug/Kg
86-74-8	Carbazole	770	U	770	3100	13000	ug/Kg
84-74-2	Di-n-butylphthalate	1900	U	1900	1600	6300	ug/Kg
206-44-0	Fluoranthene	1800	U	1800	3100	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W5	SDG No.:	BP121624
Lab Sample ID:	P5155-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023432.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	3000	U	3000	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	3100	13000	ug/Kg
56-55-3	Benzo(a)anthracene	690	U	690	1600	6300	ug/Kg
218-01-9	Chrysene	980	U	980	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6900		3300	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	3400	U	3400	3100	13000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	U	1400	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	970	U	970	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1400	U	1400	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970	U	970	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.507		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	2.817	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	15.527		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.896		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.421		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.715		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.566		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.561		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.242		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.537		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.909		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.607		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.063		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	17.345		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W5	SDG No.:	BP121624
Lab Sample ID:	P5155-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023432.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.101		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.706		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	16.993		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.504		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123025	7.528				
1146-65-2	Naphthalene-d8	457334	10.275				
15067-26-2	Acenaphthene-d10	328528	14.14				
1517-22-2	Phenanthrene-d10	698658	16.945				
1719-03-5	Chrysene-d12	766320	21.375				
1520-96-3	Perylene-d12	915638	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	3700	J			15.528	
061434-46-6	3,4-Diisopropylbiphenyl	5400	J			17.675	
000057-10-3	n-Hexadecanoic acid	32000	J			17.892	
000057-11-4	Octadecanoic acid	22000	J			19.222	
E966796	Total Alkanes	880	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W6	SDG No.:	BP121624
Lab Sample ID:	P5155-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023433.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330	U	330	240	2400	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	3000	12000	ug/Kg
110-86-1	Pyridine	2100	U	2100	6100	12000	ug/Kg
108-95-2	Phenol	2400	J	1500	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	950	U	950	1600	6100	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400	U	2400	3000	12000	ug/Kg
98-86-2	Acetophenone	6700	J	1200	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1600	6100	ug/Kg
67-72-1	Hexachloroethane	590	U	590	1600	6100	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1600	6100	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6100	ug/Kg
88-75-5	2-Nitrophenol	860	U	860	1600	6100	ug/Kg
105-67-9	2,4-Dimethylphenol	870	U	870	1600	6100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600	U	1600	1600	6100	ug/Kg
120-83-2	2,4-Dichlorophenol	780	U	780	1600	6100	ug/Kg
91-20-3	Naphthalene	860	U	860	1600	6100	ug/Kg
106-47-8	4-Chloroaniline	680	U	680	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	1600	6100	ug/Kg
105-60-2	Caprolactam	3400	U	3400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1600	6100	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6100	ug/Kg
91-57-6	2-Methylnaphthalene	780	U	780	1600	6100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	U	3300	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1600	6100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930	U	930	1600	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W6	SDG No.:	BP121624
Lab Sample ID:	P5155-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023433.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	860	U	860	1600	6100	ug/Kg
91-58-7	2-Chloronaphthalene	860	U	860	1600	6100	ug/Kg
88-74-4	2-Nitroaniline	2000	U	2000	1600	6100	ug/Kg
131-11-3	Dimethylphthalate	890	U	890	1600	6100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1600	6100	ug/Kg
208-96-8	Acenaphthylene	970	U	970	1600	6100	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	3000	12000	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1600	6100	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	3000	12000	ug/Kg
132-64-9	Dibenzofuran	880	U	880	1600	6100	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1600	6100	ug/Kg
84-66-2	Diethylphthalate	1000	U	1000	1600	6100	ug/Kg
86-73-7	Fluorene	870	U	870	1600	6100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	870	U	870	1600	6100	ug/Kg
100-01-6	4-Nitroaniline	940	U	940	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700	U	2700	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	890	U	890	1600	6100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	780	U	780	1600	6100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	870	U	870	1600	6100	ug/Kg
118-74-1	Hexachlorobenzene	990	U	990	1600	6100	ug/Kg
1912-24-9	Atrazine	2400	U	2400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	2200	U	2200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	1600	6100	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1600	6100	ug/Kg
120-12-7	Anthracene	830	U	830	1600	6100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	U	2100	1600	6100	ug/Kg
86-74-8	Carbazole	750	U	750	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1600	6100	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	3000	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W6	SDG No.:	BP121624
Lab Sample ID:	P5155-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023433.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1600	6100	ug/Kg
85-68-7	Butylbenzylphthalate	2900	U	2900	1600	6100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	670	U	670	1600	6100	ug/Kg
218-01-9	Chrysene	950	U	950	1600	6100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	J	3200	1600	6100	ug/Kg
117-84-0	Di-n-octyl phthalate	3300	U	3300	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1600	6100	ug/Kg
207-08-9	Benzo(k)fluoranthene	940	U	940	1600	6100	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1600	6100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1600	6100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940	U	940	1600	6100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1600	6100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1600	6100	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	3.368	*	20-120		8	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.831		15-120		35	SPK: -8
4165-62-2	Phenol-d5	19.661		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.366		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.25		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	17.721		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	20.291		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.877		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.1		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.928		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.451		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	23.333		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.9		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.101		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E28W6	SDG No.:	BP121624
Lab Sample ID:	P5155-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023433.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.891		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	25.079		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	21.537		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.762		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107084	7.534				
1146-65-2	Naphthalene-d8	412298	10.275				
15067-26-2	Acenaphthene-d10	310683	14.133				
1517-22-2	Phenanthrene-d10	632993	16.951				
1719-03-5	Chrysene-d12	639804	21.38				
1520-96-3	Perylene-d12	737871	24.55				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4200	J			15.527	
061434-46-6	3,4-Diisopropylbiphenyl	2700	J			17.68	
000057-10-3	n-Hexadecanoic acid	16000	J			17.886	
000057-11-4	Octadecanoic acid	10000	J			19.233	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	6400	J			19.509	
E966796	Total Alkanes	860	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BP121624
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023434.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	78	J	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.6	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	120	J	51	110	420	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.6	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.6	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.6	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.6	220	ug/Kg
91-20-3	Naphthalene	80	J	32	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.6	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	54	J	30	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BP121624
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023434.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.6	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.6	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.6	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.6	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	150	J	37	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.6	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.6	220	ug/Kg
206-44-0	Fluoranthene	190	J	69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BP121624
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023434.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	63	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	35	54.6	220	ug/Kg
218-01-9	Chrysene	190	J	40	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		42	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	41	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	40	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	J	36	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.597		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.315		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.008		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.651		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.417		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.195		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.04		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.041		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.984		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.488		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.966		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.366		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	16.599		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BP121624
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023434.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.982		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.405		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	16.087		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.341		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133280	7.534				
1146-65-2	Naphthalene-d8	496939	10.275				
15067-26-2	Acenaphthene-d10	360771	14.14				
1517-22-2	Phenanthrene-d10	752673	16.945				
1719-03-5	Chrysene-d12	763492	21.38				
1520-96-3	Perylene-d12	866729	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	450	J			15.528	
010030-73-6	(E)-Hexadec-9-enoic acid	190	J			17.828	
000057-10-3	n-Hexadecanoic acid	830	J			17.887	
	(DEL) Alkane: Straight-Chain18.192	110	J			18.192	
000057-11-4	Octadecanoic acid	190	J			19.222	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	570	J			21.057	
	(DEL) Alkane: Straight-Chain22.192	200	J			22.192	
	(DEL) Alkane: Straight-Chain23.680	1000	J			23.68	
	(DEL) Alkane: Cyclic23.769	1200	J			23.769	
015594-90-8	1-Heneicosanol	1700	J			25.874	
E966796	Total Alkanes	2500				99	ug/Kg

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:	E28T3	SDG No.:	BP121624
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023435.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	94	J	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.5	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	83	J	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.5	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.5	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.5	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.5	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.5	240	ug/Kg
91-20-3	Naphthalene	130	J	36	60.5	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.5	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.5	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	67	J	33	60.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60.5	240	ug/Kg

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:	E28T3	SDG No.:	BP121624
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023435.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.5	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.5	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.5	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	60.5	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	60.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.5	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.5	240	ug/Kg
86-73-7	Fluorene	54	J	36	60.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.5	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.5	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	60.5	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	190	J	41	60.5	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.5	240	ug/Kg
120-12-7	Anthracene	140	J	36	60.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.5	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.5	240	ug/Kg
206-44-0	Fluoranthene	260		77	120	240	ug/Kg

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:	E28T3	SDG No.:	BP121624
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023435.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	70	60.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	38	60.5	240	ug/Kg
218-01-9	Chrysene	220	J	44	60.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		47	60.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	54	60.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	46	60.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	44	60.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	J	40	60.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.701	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	12.772		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.268		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.234		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	10.89		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.705		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.307		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.312		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.175		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.725		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	12.938		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.386		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	12.837		20-140		32	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:	E28T3	SDG No.:	BP121624
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023435.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.049		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	13.746		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	11.611		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.739		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148564	7.534				
1146-65-2	Naphthalene-d8	555170	10.275				
15067-26-2	Acenaphthene-d10	399319	14.145				
1517-22-2	Phenanthrene-d10	824309	16.951				
1719-03-5	Chrysene-d12	840919	21.386				
1520-96-3	Perylene-d12	949531	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	96	J			11.687	
000119-61-9	Benzophenone	330	J			15.54	
064532-95-2	Phosphoric acid, tri(2-isopropylph	2400	J			22.821	
055044-36-5	1H-Indene, 5-butyl-6-hexyloctahydr	500	J			25.051	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS586	SDG No.:	BP121624
Lab Sample ID:	PB165586BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023436.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7700		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	4700	J	1400	2400	9700	ug/Kg
110-86-1	Pyridine	27000		1700	4800	9700	ug/Kg
108-95-2	Phenol	30000		1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	26000		1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	28000		760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	29000		840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	26000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	25000		940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	29000		830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	26000		1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	25000		470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	26000		910	1200	4900	ug/Kg
78-59-1	Isophorone	27000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	28000		680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	28000		690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000		1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	29000		620	1200	4900	ug/Kg
91-20-3	Naphthalene	26000		680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	20000		540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	25000		1400	1200	4900	ug/Kg
105-60-2	Caprolactam	30000		2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29000		1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	25000		1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	25000		620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21000		2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31000		740	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS586	SDG No.:	BP121624
Lab Sample ID:	PB165586BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023436.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27000		680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	27000		680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	29000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	27000		710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	29000		1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	27000		770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	30000		830	2400	9700	ug/Kg
83-32-9	Acenaphthene	27000		800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	20000		2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	29000		1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	26000		700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	28000		940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	26000		800	1200	4900	ug/Kg
86-73-7	Fluorene	26000		690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25000		690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	36000		750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25000		2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31000		710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26000		620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30000		690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	29000		790	1200	4900	ug/Kg
1912-24-9	Atrazine	31000		1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	29000		1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	28000		820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	31000		1600	1200	4900	ug/Kg
120-12-7	Anthracene	29000		660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32000		1700	1200	4900	ug/Kg
86-74-8	Carbazole	31000		590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	29000		1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	28000		1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS586	SDG No.:	BP121624
Lab Sample ID:	PB165586BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023436.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28000		1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	29000		2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24000		1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	27000		530	1200	4900	ug/Kg
218-01-9	Chrysene	26000		760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29000		2500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	28000		2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	25000		1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	26000		750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	28000		1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28000		880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28000		890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27000		940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.298		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	27.894		20-120		70	SPK: -40
4165-62-2	Phenol-d5	30.797		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.148		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.3		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.753		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	27.97		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.346		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.102		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.105		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.692		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.51		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.146		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	26.695		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS586	SDG No.:	BP121624
Lab Sample ID:	PB165586BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023436.D	1	12/12/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.012		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	29.925		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	28.823		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.166		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117344	7.534				
1146-65-2	Naphthalene-d8	443858	10.275				
15067-26-2	Acenaphthene-d10	333518	14.145				
1517-22-2	Phenanthrene-d10	701204	16.951				
1719-03-5	Chrysene-d12	730951	21.374				
1520-96-3	Perylene-d12	866092	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK644	SDG No.:	BP121624
Lab Sample ID:	PB165644BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023438.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK644	SDG No.:	BP121624
Lab Sample ID:	PB165644BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023438.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

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

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK644	SDG No.:	BP121624
Lab Sample ID:	PB165644BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023438.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.178		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	23.28		20-120		58	SPK: -40
4165-62-2	Phenol-d5	26.806		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.892		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.115		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.027		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.906		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.899		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.252		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.923		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.33		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.596		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.995		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	26.161		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK644	SDG No.:	BP121624
Lab Sample ID:	PB165644BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023438.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.141		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	27.803		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.797		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.158		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110733	7.534				
1146-65-2	Naphthalene-d8	412844	10.281				
15067-26-2	Acenaphthene-d10	331009	14.145				
1517-22-2	Phenanthrene-d10	804921	16.957				
1719-03-5	Chrysene-d12	829520	21.386				
1520-96-3	Perylene-d12	923004	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS644	SDG No.:	BP121624
Lab Sample ID:	PB165644BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023439.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	870		33	170	330	ug/Kg
108-95-2	Phenol	1000		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	950		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	990		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920		60	82.5	330	ug/Kg
98-86-2	Acetophenone	880		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	980		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	890		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	960		31	42.5	170	ug/Kg
78-59-1	Isophorone	960		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	990		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	990		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	930		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	590		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		44	42.5	170	ug/Kg
105-60-2	Caprolactam	990		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	760		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS644	SDG No.:	BP121624
Lab Sample ID:	PB165644BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023439.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	960		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	960		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	940		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	890		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	920		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	950		30	42.5	170	ug/Kg
86-73-7	Fluorene	940		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	970		32	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	980		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	990		52	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS644	SDG No.:	BP121624
Lab Sample ID:	PB165644BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023439.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	930		27	42.5	170	ug/Kg
218-01-9	Chrysene	880		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	940		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	990		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.461		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	26.257		20-120		66	SPK: -40
4165-62-2	Phenol-d5	30.377		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.779		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.319		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.532		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	30.309		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.583		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.238		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.822		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.735		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.758		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.601		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	27.459		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS644	SDG No.:	BP121624
Lab Sample ID:	PB165644BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023439.D	1	12/13/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.775		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	29.578		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	29.605		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.821		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118793	7.534				
1146-65-2	Naphthalene-d8	424988	10.275				
15067-26-2	Acenaphthene-d10	316104	14.14				
1517-22-2	Phenanthrene-d10	735405	16.951				
1719-03-5	Chrysene-d12	767047	21.38				
1520-96-3	Perylene-d12	844461	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1242 50PPM			SDG No.:	BP121624		
Lab Sample ID:	AR1242 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023440.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1242 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1242 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023440.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1242 50PPM			SDG No.:	BP121624		
Lab Sample ID:	AR1242 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023440.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1242 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1242 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023440.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161055	7.534				
1146-65-2	Naphthalene-d8	560801	10.275				
15067-26-2	Acenaphthene-d10	390777	14.139				
1517-22-2	Phenanthrene-d10	837162	16.951				
1719-03-5	Chrysene-d12	716373	21.38				
1520-96-3	Perylene-d12	787976	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.022	24000	J			3.022	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	2600	J			16.169	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	3300	J			16.828	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	5400	J			17.563	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	2400	J			17.698	
E966796	Total Alkanes	24000				99	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023441.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023441.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1254 50PPM			SDG No.:	BP121624		
Lab Sample ID:	AR1254 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023441.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023441.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174577	7.534				
1146-65-2	Naphthalene-d8	627816	10.275				
15067-26-2	Acenaphthene-d10	405332	14.151				
1517-22-2	Phenanthrene-d10	816719	16.957				
1719-03-5	Chrysene-d12	705108	21.375				
1520-96-3	Perylene-d12	759750	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	22000	J			3.017	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	2400	J			18.057	
060145-20-2	1,1-Biphenyl, 2,2,3,3,5-pentach	4600	J			18.933	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	5100	J			19.239	
068194-05-8	2,2,3,4,6-Pentachloro-1,1-biphe	4100	J			19.704	
070424-69-0	2,3,3,4,5-Pentachloro-1,1-biphen	3000	J			20.039	
E966796	Total Alkanes	22000				99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1260 50PPM			SDG No.:	BP121624		
Lab Sample ID:	AR1260 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023442.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1260 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1260 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023442.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1260 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1260 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023442.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1260 50PPM	SDG No.:	BP121624
Lab Sample ID:	AR1260 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023442.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163139	7.534				
1146-65-2	Naphthalene-d8	581242	10.281				
15067-26-2	Acenaphthene-d10	414324	14.145				
1517-22-2	Phenanthrene-d10	853045	16.957				
1719-03-5	Chrysene-d12	740083	21.374				
1520-96-3	Perylene-d12	812515	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	22000	J			3.017	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	3200	J			16.163	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	4200	J			16.816	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	2600	J			17.122	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	6800	J			17.563	
038444-88-1	1,1-Biphenyl, 3,4,5-trichloro-	3100	J			17.71	
035694-04-3	1,1-Biphenyl, 2,2,3,3,5,5-Hexa	2400	J			19.974	
052663-72-6	1,1-Biphenyl, 2,3,4,4,5,5-hexa	2500	J			20.263	
E966796	Total Alkanes	22000				99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SBLK546			SDG No.:	BP121624		
Lab Sample ID:	PB165546BL			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023443.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SBLK546	SDG No.:	BP121624
Lab Sample ID:	PB165546BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023443.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SBLK546			SDG No.:	BP121624		
Lab Sample ID:	PB165546BL			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023443.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SBLK546			SDG No.:	BP121624		
Lab Sample ID:	PB165546BL			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023443.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169411	7.534				
1146-65-2	Naphthalene-d8	604524	10.275				
15067-26-2	Acenaphthene-d10	437789	14.145				
1517-22-2	Phenanthrene-d10	869301	16.957				
1719-03-5	Chrysene-d12	732111	21.38				
1520-96-3	Perylene-d12	837514	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.011	23000	J			3.011	
E966796	Total Alkanes	23000				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:	C0AD3	SDG No.:	BP121624
Lab Sample ID:	P5234-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023444.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	4500	J	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AD3	SDG No.:	BP121624
Lab Sample ID:	P5234-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023444.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	2700	J	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	5300		1900	5000	5000	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:	C0AD3	SDG No.:	BP121624
Lab Sample ID:	P5234-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023444.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1200	J	1100	2500	5000	ug/L
218-01-9	Chrysene	2500	J	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AD3	SDG No.:	BP121624
Lab Sample ID:	P5234-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023444.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175224	7.534				
1146-65-2	Naphthalene-d8	627213	10.275				
15067-26-2	Acenaphthene-d10	452113	14.151				
1517-22-2	Phenanthrene-d10	836025	16.957				
1719-03-5	Chrysene-d12	704083	21.38				
1520-96-3	Perylene-d12	857358	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.016	51000	J			3.016	
000141-93-5	Benzene, 1,3-diethyl-	5800	J			8.151	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5000	J			8.457	
000099-87-6	p-Cymene	6500	J			8.51	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	21000	J			8.604	
000768-49-0	Benzene, (2-methyl-1-propenyl)-	3100	J			8.687	
	(DEL) Alkane: Straight-Chain8.722	3000	J			8.722	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2400	J			8.928	
000527-84-4	o-Cymene	9500	J			9.122	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14000	J			9.181	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)	8700	J			9.369	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	4400	J			9.416	
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	3200	J			9.534	
000098-51-1	4-tert-Butyltoluene	5400	J			9.863	
002049-95-8	Benzene, (1,1-dimethylpropyl)-	8100	J			9.975	
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	2800	J			10.163	
	(DEL) Alkane: Straight-Chain15.922	4700	J			15.922	

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:	C0AD3	SDG No.:	BP121624
Lab Sample ID:	P5234-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023444.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	16.751					
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	2200	J			16.751	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	2300	J			16.816	
055702-46-0	1,1-Biphenyl, 2,3,4-trichloro-	3200	J			17.122	
070362-47-9	1,1-Biphenyl, 2,3,4-trichloro-	5600	J			17.563	
041464-49-7	2,2,4,5-Tetrachloro-1,1-biphenyl	4100	J			18.051	
002437-79-8	1,1-Biphenyl, 2,3,3,5-tetrachlo	3200	J			18.116	
006566-19-4	1,1-Biphenyl, 2,2,4,4-tetrachlo	3300	J			18.351	
E966796	10,18-Bisnorabieta-5,7,9(10),11,13	7700	J			19.145	
	Total Alkanes	61000				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:	C0AQ5	SDG No.:	BP121624
Lab Sample ID:	P5234-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023445.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AQ5	SDG No.:	BP121624
Lab Sample ID:	P5234-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023445.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	8600		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	13000		1900	5000	5000	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:	C0AQ5	SDG No.:	BP121624
Lab Sample ID:	P5234-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023445.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7600		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	4200	J	1100	2500	5000	ug/L
218-01-9	Chrysene	6600		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	5500		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1800	J	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AQ5	SDG No.:	BP121624
Lab Sample ID:	P5234-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023445.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199226	7.528				
1146-65-2	Naphthalene-d8	714644	10.275				
15067-26-2	Acenaphthene-d10	437853	14.157				
1517-22-2	Phenanthrene-d10	803503	16.963				
1719-03-5	Chrysene-d12	790977	21.38				
1520-96-3	Perylene-d12	927169	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	47000	J			3.017	
000105-05-5	Benzene, 1,4-diethyl-	2100	J			8.152	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2600	J			8.605	
1000215-13-7	1-Ethyl-1(1-cyclobutylidenethyl)cy	2400	J			9.146	
1000152-47-3	trans-Decalin, 2-methyl-	2600	J			9.452	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	11000	J			12.899	
072937-55-4	cis-Calamenene	7400	J			14.475	
	(DEL) Alkane: Straight-Chain15.928	40000	J			15.928	
074036-95-6	2-Bromotetradecane	27000	J			16.769	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	80000	J			18.645	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	71000	J			19.157	
	(DEL) Alkane: Straight-Chain21.051	9100	J			21.051	
	(DEL) Alkane: Straight-Chain21.592	8500	J			21.592	
	(DEL) Alkane: Straight-Chain22.192	17000	J			22.192	
	(DEL) Alkane: Straight-Chain22.886	22000	J			22.886	
	(DEL) Alkane: Straight-Chain23.674	26000	J			23.674	
	(DEL) Alkane: Straight-Chain24.610	25000	J			24.61	

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:	C0AQ5	SDG No.:	BP121624
Lab Sample ID:	P5234-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023445.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	(DEL) Alkane: Straight-Chain25.715	36000	J			25.715	
	(DEL) Alkane: Straight-Chain27.033	24000	J			27.033	
	(DEL) Alkane: Straight-Chain28.604	8800	J			28.604	
	Total Alkanes	260000				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:	C0AQ8	SDG No.:	BP121624
Lab Sample ID:	P5234-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023446.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	2300	J	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AQ8	SDG No.:	BP121624
Lab Sample ID:	P5234-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 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
BP023446.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	1000	J	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	2100	J	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	3300	J	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	35000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	37000		1900	5000	5000	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:	C0AQ8	SDG No.:	BP121624
Lab Sample ID:	P5234-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023446.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	12000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	6900		1100	2500	5000	ug/L
218-01-9	Chrysene	8800		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	3200	J	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AQ8	SDG No.:	BP121624
Lab Sample ID:	P5234-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023446.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182554	7.528				
1146-65-2	Naphthalene-d8	648656	10.275				
15067-26-2	Acenaphthene-d10	428079	14.151				
1517-22-2	Phenanthrene-d10	845184	16.951				
1719-03-5	Chrysene-d12	732413	21.38				
1520-96-3	Perylene-d12	862881	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	46000	J			3.017	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	2000	J			17.128	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	6800	J			17.575	
000613-12-7	Anthracene, 2-methyl-	2200	J			17.857	
000832-69-9	Phenanthrene, 1-methyl-	2800	J			17.91	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	2500	J			18.11	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	2100	J			18.351	
000612-94-2	Naphthalene, 2-phenyl-	3000	J			18.381	
060233-25-2	1,1-Biphenyl, 2,2,3,4,6-Pentach	3700	J			18.945	
052663-61-3	1,1-Biphenyl, 2,2,3,5,5-pentach	4200	J			19.239	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	3300	J			19.71	
070424-69-0	2,3,3,4,5-Pentachloro-1,1-biphen	2200	J			20.039	
000243-17-4	11H-Benzo[b]fluorene	2800	J			20.11	
E966796	Total Alkanes	46000				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:	C0AQ9	SDG No.:	BP121624
Lab Sample ID:	P5234-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023447.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AQ9	SDG No.:	BP121624
Lab Sample ID:	P5234-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023447.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1300	J	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	3000	J	1900	5000	5000	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:	C0AQ9	SDG No.:	BP121624
Lab Sample ID:	P5234-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023447.D	1		12/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1200	J	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AQ9	SDG No.:	BP121624
Lab Sample ID:	P5234-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023447.D	1		12/16/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197961	7.534				
1146-65-2	Naphthalene-d8	699800	10.275				
15067-26-2	Acenaphthene-d10	486726	14.14				
1517-22-2	Phenanthrene-d10	925200	16.951				
1719-03-5	Chrysene-d12	724268	21.38				
1520-96-3	Perylene-d12	831792	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	48000	J			3.017	
060145-20-2	1,1-Biphenyl, 2,2,3,3,5-pentach	3700	J			18.939	
068194-07-0	2,2,3,4,5-Pentachloro-1,1-biphe	2900	J			19.233	
E966796	Total Alkanes	48000				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:	C0AR0	SDG No.:	BP121624
Lab Sample ID:	P5234-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023448.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AR0	SDG No.:	BP121624
Lab Sample ID:	P5234-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023448.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	1600	J	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	26000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	44000		1900	5000	5000	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:	C0AR0	SDG No.:	BP121624
Lab Sample ID:	P5234-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023448.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	12000		1100	2500	5000	ug/L
218-01-9	Chrysene	18000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	7600		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	2200	J	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AR0	SDG No.:	BP121624
Lab Sample ID:	P5234-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 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
BP023448.D	1		12/17/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166110	7.534				
1146-65-2	Naphthalene-d8	592647	10.275				
15067-26-2	Acenaphthene-d10	407513	14.151				
1517-22-2	Phenanthrene-d10	805279	16.945				
1719-03-5	Chrysene-d12	721610	21.38				
1520-96-3	Perylene-d12	828612	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	52000	J			3.017	
002531-84-2	Phenanthrene, 2-methyl-	5400	J			17.851	
000832-69-9	Phenanthrene, 1-methyl-	7000	J			17.904	
000613-12-7	Anthracene, 2-methyl-	4100	J			18.098	
000612-94-2	Naphthalene, 2-phenyl-	4300	J			18.387	
003674-66-6	Phenanthrene, 2,5-dimethyl-	4600	J			18.822	
001576-67-6	Phenanthrene, 3,6-dimethyl-	2000	J			18.875	
000205-39-0	Benzo(b)naphtho(1,2-d)furan	2100	J			19.663	
002381-21-7	Pyrene, 1-methyl-	3000	J			19.828	
000243-17-4	11H-Benzo[b]fluorene	6100	J			19.992	
000238-84-6	11H-Benzo[a]fluorene	2300	J			20.098	
068194-08-1	2,2,3,4,6,6-Hexachloro-1,1-bip	2000	J			20.604	
E966796	Total Alkanes	52000				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:	C0AR1	SDG No.:	BP121624
Lab Sample ID:	P5234-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023449.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	1300	J	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AR1	SDG No.:	BP121624
Lab Sample ID:	P5234-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023449.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	1600	J	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	26000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	34000		1900	5000	5000	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:	C0AR1	SDG No.:	BP121624
Lab Sample ID:	P5234-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023449.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	11000		1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	7100		1100	2500	5000	ug/L
218-01-9	Chrysene	11000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	3800	J	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AR1	SDG No.:	BP121624
Lab Sample ID:	P5234-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023449.D	1		12/17/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197123	7.534				
1146-65-2	Naphthalene-d8	701170	10.275				
15067-26-2	Acenaphthene-d10	465159	14.14				
1517-22-2	Phenanthrene-d10	900624	16.951				
1719-03-5	Chrysene-d12	765177	21.374				
1520-96-3	Perylene-d12	861540	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.022	50000	J			3.022	
000832-69-9	Phenanthrene, 1-methyl-	4500	J			17.851	
002531-84-2	Phenanthrene, 2-methyl-	5700	J			17.91	
000832-64-4	Phenanthrene, 4-methyl-	3300	J			18.092	
000612-94-2	Naphthalene, 2-phenyl-	3900	J			18.375	
003674-66-6	Phenanthrene, 2,5-dimethyl-	3500	J			18.81	
001576-67-6	Phenanthrene, 3,6-dimethyl-	2300	J			18.863	
068194-05-8	2,2,3,4,6-Pentachloro-1,1-biphe	4400	J			18.939	
070424-70-3	1,1-Biphenyl, 2,3,4,5,5-Pentach	3800	J			19.233	
073575-55-0	2,2,3,5,6-Pentachloro-1,1-biphe	4100	J			19.698	
033543-31-6	Fluoranthene, 2-methyl-	2500	J			19.827	
057465-28-8	3,3,4,4,,5-Pentachloro-1,1-biph	3300	J			20.027	
035065-27-1	1,1-Biphenyl, 2,2,4,4,5,5-hexa	2100	J			20.269	
038380-08-4	1,1-Biphenyl, 2,3,3,4,4,5-hexac	5000	J			20.604	
E966796	Total Alkanes	50000				99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR4	SDG No.:	BP121624
Lab Sample ID:	P5234-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023450.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR4	SDG No.:	BP121624
Lab Sample ID:	P5234-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023450.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR4	SDG No.:	BP121624
Lab Sample ID:	P5234-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023450.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR4	SDG No.:	BP121624
Lab Sample ID:	P5234-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023450.D	1		12/17/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189814	7.534				
1146-65-2	Naphthalene-d8	670482	10.275				
15067-26-2	Acenaphthene-d10	448868	14.14				
1517-22-2	Phenanthrene-d10	838548	16.951				
1719-03-5	Chrysene-d12	731216	21.38				
1520-96-3	Perylene-d12	827729	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	52000	J			3.017	
E966796	Total Alkanes	52000				99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BP121624
Lab Sample ID:	P5234-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023451.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BP121624
Lab Sample ID:	P5234-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023451.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	2500	J	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	3100	J	1900	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BP121624
Lab Sample ID:	P5234-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023451.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500	J	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1300	J	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BP121624
Lab Sample ID:	P5234-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023451.D	1		12/17/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197004	7.528				
1146-65-2	Naphthalene-d8	689852	10.275				
15067-26-2	Acenaphthene-d10	462421	14.145				
1517-22-2	Phenanthrene-d10	805606	16.951				
1719-03-5	Chrysene-d12	718019	21.374				
1520-96-3	Perylene-d12	867388	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	45000	J			3.017	
	(DEL) Alkane: Straight-Chain11.687	2900	J			11.687	
	(DEL) Alkane: Straight-Chain12.657	2000	J			12.657	
000582-16-1	Naphthalene, 2,7-dimethyl-	2400	J			13.457	
	(DEL) Alkane: Straight-Chain14.046	4600	J			14.046	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	2400	J			14.551	
000112-71-0	Tetradecane, 1-bromo-	2000	J			14.669	
	(DEL) Alkane: Straight-Chain15.010	3800	J			15.01	
	(DEL) Alkane: Straight-Chain15.428	4800	J			15.428	
	(DEL) Alkane: Straight-Chain15.916	15000	J			15.916	
	(DEL) Alkane: Straight-Chain16.698	3700	J			16.698	
	(DEL) Alkane: Straight-Chain16.751	6300	J			16.751	
	(DEL) Alkane: Straight-Chain17.469	3500	J			17.469	
000084-15-1	o-Terphenyl	4000	J			17.622	
	(DEL) Alkane: Straight-Chain18.186	2000	J			18.186	
301643-35-6	Naphthalene, 6-ethyl-1,2,3,4-tetra	6900	J			18.622	
	(DEL) Alkane: Straight-Chain18.851	2900	J			18.851	

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BP121624
Lab Sample ID:	P5234-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023451.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000092-94-4	(DEL) Alkane: Straight-Chain19.016	3900	J			19.016	
	(DEL) Alkane: Straight-Chain19.633	6400	J			19.633	
	p-Terphenyl	13000	J			19.716	
	(DEL) Alkane: Straight-Chain20.545	8100	J			20.545	
	(DEL) Alkane: Straight-Chain21.004	10000	J			21.004	
	(DEL) Alkane: Straight-Chain21.045	11000	J			21.045	
	(DEL) Alkane: Straight-Chain21.592	15000	J			21.592	
	(DEL) Alkane: Straight-Chain22.192	16000	J			22.192	
	(DEL) Alkane: Straight-Chain22.886	16000	J			22.886	
	(DEL) Alkane: Straight-Chain23.680	19000	J			23.68	
	(DEL) Alkane: Straight-Chain25.704	3700	J			25.704	
	(DEL) Alkane: Straight-Chain28.604	3700	J			28.604	
E966796	Total Alkanes	210000				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:	C0AR8	SDG No.:	BP121624
Lab Sample ID:	P5234-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023452.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	5000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	J	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	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:	C0AR8	SDG No.:	BP121624
Lab Sample ID:	P5234-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023452.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	4500	J	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	5400		1900	5000	5000	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:	C0AR8	SDG No.:	BP121624
Lab Sample ID:	P5234-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023452.D	1		12/17/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1700	J	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	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:	C0AR8	SDG No.:	BP121624
Lab Sample ID:	P5234-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023452.D	1		12/17/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175293	7.528				
1146-65-2	Naphthalene-d8	614092	10.275				
15067-26-2	Acenaphthene-d10	416324	14.146				
1517-22-2	Phenanthrene-d10	783611	16.951				
1719-03-5	Chrysene-d12	691046	21.38				
1520-96-3	Perylene-d12	836915	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.017	45000	J			3.017	
000108-38-3	Benzene, 1,3-dimethyl-	2000	J			5.222	
	(DEL) Alkane: Straight-Chain8.716	3100	J			8.716	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	2700	J			18.045	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	3600	J			19.233	
074472-36-9	2,3,3,5,6-Pentachloro-1,1-biphen	2600	J			19.698	
000483-65-8	Retene	3600	J			19.904	
073575-54-9	2,2,3,6,6-Pentachloro-1,1-biphe	2000	J			20.357	
	(DEL) Alkane: Straight-Chain20.545	2600	J			20.545	
E966796	Total Alkanes	51000				99	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023454.D	1	12/12/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165586

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023454.D	1	12/12/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165586

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023454.D	1	12/12/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.365		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	23.906		20-120		60	SPK: -40
4165-62-2	Phenol-d5	25.567		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.096		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.283		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.388		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.098		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.053		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.112		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.849		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.309		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.763		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.642		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	25.169		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP121624
Lab Sample ID:	PB165586BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023454.D	1	12/12/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.447		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.881		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	29.6		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.738		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143037	7.528				
1146-65-2	Naphthalene-d8	525181	10.275				
15067-26-2	Acenaphthene-d10	404930	14.14				
1517-22-2	Phenanthrene-d10	967236	16.951				
1719-03-5	Chrysene-d12	954395	21.386				
1520-96-3	Perylene-d12	1054947	24.557				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : AR1242 50PPM								
AR1242 50PPM	AR1242 50PPM	Water	(DEL) Alkane: Straight-Chain3.02 *	24,000.000	J			
AR1242 50PPM	AR1242 50PPM	Water	1,1-Biphenyl, 2,2,5-trichloro- *	3,300.000	J			
AR1242 50PPM	AR1242 50PPM	Water	1,1-Biphenyl, 2,3,3-trichloro- *	2,400.000	J			
AR1242 50PPM	AR1242 50PPM	Water	1,1-Biphenyl, 2,3-dichloro- *	2,600.000	J			
AR1242 50PPM	AR1242 50PPM	Water	1,1-Biphenyl, 2,4,4-trichloro- *	5,400.000	J			
AR1242 50PPM	AR1242 50PPM	Water	Total Alkanes *	24,000.000		1100	5000	ug/L
Total Tics :				61,700.00				
Total Concentration:				61,700.00				
Client ID : AR1254 50PPM								
AR1254 50PPM	AR1254 50PPM	Water	(DEL) Alkane: Straight-Chain3.01 *	22,000.000	J			
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,2,3,3,5-pentach *	4,600.000	J			
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,2,4,6,6-Pentach *	5,100.000	J			
AR1254 50PPM	AR1254 50PPM	Water	2,2,3,4,6-Pentachloro-1,1-biphe *	4,100.000	J			
AR1254 50PPM	AR1254 50PPM	Water	2,2,4,5-Tetrachloro-1,1-biphenyl *	2,400.000	J			
AR1254 50PPM	AR1254 50PPM	Water	2,3,3,4,5-Pentachloro-1,1-biphen *	3,000.000	J			
AR1254 50PPM	AR1254 50PPM	Water	Total Alkanes *	22,000.000		1100	5000	ug/L
Total Tics :				63,200.00				
Total Concentration:				63,200.00				
Client ID : AR1260 50PPM								
AR1260 50PPM	AR1260 50PPM	Water	(DEL) Alkane: Straight-Chain3.01 *	22,000.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,2,3,3,5,5-Hexa *	2,400.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,2,5-trichloro- *	4,200.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,3,3-trichloro- *	6,800.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,3,4,4,5,5-hexa *	2,500.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,3-dichloro- *	3,200.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 2,4,4-trichloro- *	2,600.000	J			
AR1260 50PPM	AR1260 50PPM	Water	1,1-Biphenyl, 3,4,5-trichloro- *	3,100.000	J			
AR1260 50PPM	AR1260 50PPM	Water	Total Alkanes *	22,000.000		1100	5000	ug/L
Total Tics :				68,800.00				
Total Concentration:				68,800.00				
Client ID : E28R4								
P5153-21	E28R4	Solid	(DEL) Alkane: Cyclic23.769 *	1,200.000	J			
P5153-21	E28R4	Solid	(DEL) Alkane: Straight-Chain18.1 *	110.000	J			
P5153-21	E28R4	Solid	(DEL) Alkane: Straight-Chain22.1 *	200.000	J			
P5153-21	E28R4	Solid	(DEL) Alkane: Straight-Chain23.6 *	1,000.000	J			
P5153-21	E28R4	Solid	(E)-Hexadec-9-enoic acid *	190.000	J			

Hit Summary Sheet SW-846

SDG No.: BP121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5153-21	E28R4	Solid	1-Heneicosanol	*	1,700.000	J		
P5153-21	E28R4	Solid	Benzophenone	*	450.000	J		
P5153-21	E28R4	Solid	n-Hexadecanoic acid	*	830.000	J		
P5153-21	E28R4	Solid	Octadecanoic acid	*	190.000	J		
P5153-21	E28R4	Solid	Pentadecafluorooctanoic acid, hex	*	570.000	J		
P5153-21	E28R4	Solid	Total Alkanes	*	2,500.000	31	220	ug/Kg
Total Tics :				8,940.00				
P5153-21	E28R4	Solid	2-Methylnaphthalene		54.000	J 30	220	ug/Kg
P5153-21	E28R4	Solid	Acetophenone		120.000	J 51	420	ug/Kg
P5153-21	E28R4	Solid	Benzo(a)anthracene		140.000	J 35	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(a)pyrene		140.000	J 41	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(b)fluoranthene		290.000	42	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(k)fluoranthene		120.000	J 49	220	ug/Kg
P5153-21	E28R4	Solid	Chrysene		190.000	J 40	220	ug/Kg
P5153-21	E28R4	Solid	Dibenzo(a,h)anthracene		51.000	J 36	220	ug/Kg
P5153-21	E28R4	Solid	Fluoranthene		190.000	J 69	220	ug/Kg
P5153-21	E28R4	Solid	Indeno(1,2,3-cd)pyrene		120.000	J 40	220	ug/Kg
P5153-21	E28R4	Solid	Naphthalene		80.000	J 32	220	ug/Kg
P5153-21	E28R4	Solid	Phenanthrene		150.000	J 37	220	ug/Kg
P5153-21	E28R4	Solid	Phenol		78.000	J 55	420	ug/Kg
P5153-21	E28R4	Solid	Pyrene		160.000	J 63	220	ug/Kg
Total Svoc :				1,883.00				
Total Concentration:				10,823.00				
Client ID : E28W5								
P5155-22	E28W5	Solid	3,4-Diisopropylbiphenyl	*	5,400.000	J		
P5155-22	E28W5	Solid	Benzophenone	*	3,700.000	J		
P5155-22	E28W5	Solid	n-Hexadecanoic acid	*	32,000.000	J		
P5155-22	E28W5	Solid	Octadecanoic acid	*	22,000.000	J		
P5155-22	E28W5	Solid	Total Alkanes	*	0.000	880	6300	ug/Kg
Total Tics :				63,100.00				
P5155-22	E28W5	Solid	Acetophenone		5,700.000	J 1200	13000	ug/Kg
P5155-22	E28W5	Solid	Bis(2-ethylhexyl)phthalate		6,900.000	3300	6300	ug/Kg
P5155-22	E28W5	Solid	Phenol		2,100.000	J 1500	13000	ug/Kg
Total Svoc :				14,700.00				
Total Concentration:				77,800.00				
Client ID : E28W6								
P5155-23	E28W6	Solid	3,4-Diisopropylbiphenyl	*	2,700.000	J		
P5155-23	E28W6	Solid	Benzophenone	*	4,200.000	J		
P5155-23	E28W6	Solid	n-Hexadecanoic acid	*	16,000.000	J		
P5155-23	E28W6	Solid	Octadecanoic acid	*	10,000.000	J		

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SDG No.: BP121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5155-23	E28W6	Solid	Phenol, 4,4-(1-methylethylidene)b	*	6,400.000	J		
P5155-23	E28W6	Solid	Total Alkanes	*	0.000	860	6100	ug/Kg
Total Tics :					39,300.00			
P5155-23	E28W6	Solid	Acetophenone		6,700.000	J	1200	12000 ug/Kg
P5155-23	E28W6	Solid	Bis(2-ethylhexyl)phthalate		4,300.000	J	3200	6100 ug/Kg
P5155-23	E28W6	Solid	Phenol		2,400.000	J	1500	12000 ug/Kg
Total Svoc :					13,400.00			
Total Concentration:					52,700.00			
Client ID : E28T3								
P5232-19	E28T3	Solid	1H-Inden-1-one, 2,3-dihydro-	*	96.000	J		
P5232-19	E28T3	Solid	1H-Indene, 5-butyl-6-hexyloctahy	*	500.000	J		
P5232-19	E28T3	Solid	Benzophenone	*	330.000	J		
P5232-19	E28T3	Solid	Phosphoric acid, tri(2-isopropylph	*	2,400.000	J		
P5232-19	E28T3	Solid	Total Alkanes	*	0.000	34	240	ug/Kg
Total Tics :					3,326.00			
P5232-19	E28T3	Solid	2-Methylnaphthalene		67.000	J	33	240 ug/Kg
P5232-19	E28T3	Solid	Acetophenone		83.000	J	57	470 ug/Kg
P5232-19	E28T3	Solid	Anthracene		140.000	J	36	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(a)anthracene		180.000	J	38	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(a)pyrene		140.000	J	46	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(b)fluoranthene		340.000		47	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(k)fluoranthene		130.000	J	54	240 ug/Kg
P5232-19	E28T3	Solid	Chrysene		220.000	J	44	240 ug/Kg
P5232-19	E28T3	Solid	Dibenzo(a,h)anthracene		56.000	J	40	240 ug/Kg
P5232-19	E28T3	Solid	Fluoranthene		260.000		77	240 ug/Kg
P5232-19	E28T3	Solid	Fluorene		54.000	J	36	240 ug/Kg
P5232-19	E28T3	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	44	240 ug/Kg
P5232-19	E28T3	Solid	Naphthalene		130.000	J	36	240 ug/Kg
P5232-19	E28T3	Solid	Phenanthrene		190.000	J	41	240 ug/Kg
P5232-19	E28T3	Solid	Phenol		94.000	J	61	470 ug/Kg
P5232-19	E28T3	Solid	Pyrene		210.000	J	70	240 ug/Kg
Total Svoc :					2,414.00			
Total Concentration:					5,740.00			
Client ID : C0AD3								
P5234-01	C0AD3	Water	(DEL) Alkane: Straight-Chain15.9	*	4,700.000	J		
P5234-01	C0AD3	Water	(DEL) Alkane: Straight-Chain16.7	*	2,200.000	J		
P5234-01	C0AD3	Water	(DEL) Alkane: Straight-Chain3.01	*	51,000.000	J		
P5234-01	C0AD3	Water	(DEL) Alkane: Straight-Chain8.72	*	3,000.000	J		
P5234-01	C0AD3	Water	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	3,300.000	J		
P5234-01	C0AD3	Water	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	3,200.000	J		

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SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-01	C0AD3	Water	1,1-Biphenyl, 2,3,3-trichloro-	*	3,200.000	J		
P5234-01	C0AD3	Water	1,1-Biphenyl, 2,3,4-trichloro-	*	5,600.000	J		
P5234-01	C0AD3	Water	1,1-Biphenyl, 2,4,4-trichloro-	*	2,300.000	J		
P5234-01	C0AD3	Water	10,18-Bisnorabieta-5,7,9(10),11,1	*	7,700.000	J		
P5234-01	C0AD3	Water	1H-Indene, 2,3-dihydro-5-methyl-	*	3,200.000	J		
P5234-01	C0AD3	Water	2,2,4,5-Tetrachloro-1,1-biphenyl	*	4,100.000	J		
P5234-01	C0AD3	Water	4-tert-Butyltoluene	*	5,400.000	J		
P5234-01	C0AD3	Water	Benzene, (1,1-dimethylpropyl)-	*	8,100.000	J		
P5234-01	C0AD3	Water	Benzene, (2-methyl-1-propenyl)-	*	3,100.000	J		
P5234-01	C0AD3	Water	Benzene, 1,2,3,4-tetramethyl-	*	14,000.000	J		
P5234-01	C0AD3	Water	Benzene, 1,3-diethyl-	*	5,800.000	J		
P5234-01	C0AD3	Water	Benzene, 1,3-diethyl-5-methyl-	*	4,400.000	J		
P5234-01	C0AD3	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	21,000.000	J		
P5234-01	C0AD3	Water	Benzene, 1-ethyl-3-(1-methylethy	*	2,800.000	J		
P5234-01	C0AD3	Water	Benzene, 1-methyl-4-(1-methylpr	*	8,700.000	J		
P5234-01	C0AD3	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	5,000.000	J		
P5234-01	C0AD3	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	2,400.000	J		
P5234-01	C0AD3	Water	o-Cymene	*	9,500.000	J		
P5234-01	C0AD3	Water	p-Cymene	*	6,500.000	J		
P5234-01	C0AD3	Water	Total Alkanes	*	61,000.000		1100	5000 ug/L
Total Tics :					251,200.00			
P5234-01	C0AD3	Water	Benzo(a)anthracene		1,200.000	J	1100	5000 ug/L
P5234-01	C0AD3	Water	Chrysene		2,500.000	J	1100	5000 ug/L
P5234-01	C0AD3	Water	Fluoranthene		5,300.000		1900	5000 ug/L
P5234-01	C0AD3	Water	Naphthalene		4,500.000	J	940	5000 ug/L
P5234-01	C0AD3	Water	Phenanthrene		2,700.000	J	1200	5000 ug/L
Total Svoc :					16,200.00			
Total Concentration:					267,400.00			
Client ID : C0AQ5								
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain15.5	*	40,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain21.6	*	9,100.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain21.6	*	8,500.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain22.1	*	17,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain22.8	*	22,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain23.6	*	26,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain24.6	*	25,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain25.7	*	36,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain27.6	*	24,000.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain28.6	*	8,800.000	J		
P5234-02	C0AQ5	Water	(DEL) Alkane: Straight-Chain30.1	*	47,000.000	J		

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SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-02	C0AQ5	Water	1-Ethyl-1(1-cyclobutylidenethyl)c *	2,400.000	J			
P5234-02	C0AQ5	Water	10,18-Bisnorabieta-5,7,9(10),11,1 *	71,000.000	J			
P5234-02	C0AQ5	Water	2-Bromotetradecane *	27,000.000	J			
P5234-02	C0AQ5	Water	4b,8-Dimethyl-2-isopropylphenan *	80,000.000	J			
P5234-02	C0AQ5	Water	Benzene, 1,4-diethyl-	2,100.000	J			
P5234-02	C0AQ5	Water	Benzene, 4-ethyl-1,2-dimethyl-	2,600.000	J			
P5234-02	C0AQ5	Water	cis-Calamenene *	7,400.000	J			
P5234-02	C0AQ5	Water	Decahydro-1,1,4a,5,6-pentamethy *	11,000.000	J			
P5234-02	C0AQ5	Water	trans-Decalin, 2-methyl-	2,600.000	J			
P5234-02	C0AQ5	Water	Total Alkanes *	260,000.000		1100	5000	ug/L
Total Tics :				729,500.00				
P5234-02	C0AQ5	Water	Benzo(a)anthracene	4,200.000	J	1100	5000	ug/L
P5234-02	C0AQ5	Water	Benzo(b)fluoranthene	5,500.000		1400	5000	ug/L
P5234-02	C0AQ5	Water	Benzo(k)fluoranthene	1,800.000	J	1400	5000	ug/L
P5234-02	C0AQ5	Water	Chrysene	6,600.000		1100	5000	ug/L
P5234-02	C0AQ5	Water	Fluoranthene	13,000.000		1900	5000	ug/L
P5234-02	C0AQ5	Water	Phenanthrene	8,600.000		1200	5000	ug/L
P5234-02	C0AQ5	Water	Pyrene	7,600.000		1800	5000	ug/L
Total Svoc :				47,300.00				
Total Concentration:				776,800.00				
Client ID : C0AQ8								
P5234-04	C0AQ8	Water	(DEL) Alkane: Straight-Chain3.01 *	46,000.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,2,3,4,6-Pentach *	3,700.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,2,3,5,5-pentach *	4,200.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,2,4,4-tetrachlo *	2,100.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,2,4,6,6-Pentach *	3,300.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,2,6,6-tetrachlo *	2,500.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,3,3-trichloro- *	2,000.000	J			
P5234-04	C0AQ8	Water	1,1-Biphenyl, 2,4,4-trichloro- *	6,800.000	J			
P5234-04	C0AQ8	Water	11H-Benzo[b]fluorene *	2,800.000	J			
P5234-04	C0AQ8	Water	2,3,3,4,5-Pentachloro-1,1-biphen *	2,200.000	J			
P5234-04	C0AQ8	Water	Anthracene, 2-methyl-	2,200.000	J			
P5234-04	C0AQ8	Water	Naphthalene, 2-phenyl-	3,000.000	J			
P5234-04	C0AQ8	Water	Phenanthrene, 1-methyl-	2,800.000	J			
P5234-04	C0AQ8	Water	Total Alkanes *	46,000.000		1100	5000	ug/L
Total Tics :				129,600.00				
P5234-04	C0AQ8	Water	Acenaphthene	1,000.000	J	960	5000	ug/L
P5234-04	C0AQ8	Water	Benzo(a)anthracene	6,900.000		1100	5000	ug/L
P5234-04	C0AQ8	Water	Benzo(b)fluoranthene	3,200.000	J	1400	5000	ug/L
P5234-04	C0AQ8	Water	Chrysene	8,800.000		1100	5000	ug/L

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SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-04	C0AQ8	Water	Dibenzofuran	2,100.000	J	1100	5000	ug/L
P5234-04	C0AQ8	Water	Fluoranthene	37,000.000		1900	5000	ug/L
P5234-04	C0AQ8	Water	Fluorene	3,300.000	J	940	5000	ug/L
P5234-04	C0AQ8	Water	Naphthalene	2,300.000	J	940	5000	ug/L
P5234-04	C0AQ8	Water	Phenanthrene	35,000.000		1200	5000	ug/L
P5234-04	C0AQ8	Water	Pyrene	12,000.000		1800	5000	ug/L
Total Svoc :				111,600.00				
Total Concentration:				241,200.00				
Client ID : C0AQ9								
P5234-05	C0AQ9	Water	(DEL) Alkane: Straight-Chain3.01 *	48,000.000	J			
P5234-05	C0AQ9	Water	1,1-Biphenyl, 2,2,3,3,5-pentach *	3,700.000	J			
P5234-05	C0AQ9	Water	2,2,3,4,5-Pentachloro-1,1-biphe *	2,900.000	J			
P5234-05	C0AQ9	Water	Total Alkanes	48,000.000		1100	5000	ug/L
Total Tics :				102,600.00				
P5234-05	C0AQ9	Water	Chrysene	1,200.000	J	1100	5000	ug/L
P5234-05	C0AQ9	Water	Fluoranthene	3,000.000	J	1900	5000	ug/L
P5234-05	C0AQ9	Water	Phenanthrene	1,300.000	J	1200	5000	ug/L
Total Svoc :				5,500.00				
Total Concentration:				108,100.00				
Client ID : C0AR0								
P5234-06	C0AR0	Water	(DEL) Alkane: Straight-Chain3.01 *	52,000.000	J			
P5234-06	C0AR0	Water	11H-Benzo[a]fluorene *	2,300.000	J			
P5234-06	C0AR0	Water	11H-Benzo[b]fluorene *	6,100.000	J			
P5234-06	C0AR0	Water	2,2,3,4,6,6-Hexachloro-1,1-bip *	2,000.000	J			
P5234-06	C0AR0	Water	Anthracene, 2-methyl-	4,100.000	J			
P5234-06	C0AR0	Water	Benzo(b)naphtho(1,2-d)furan *	2,100.000	J			
P5234-06	C0AR0	Water	Naphthalene, 2-phenyl-	4,300.000	J			
P5234-06	C0AR0	Water	Phenanthrene, 1-methyl-	7,000.000	J			
P5234-06	C0AR0	Water	Phenanthrene, 2,5-dimethyl-	4,600.000	J			
P5234-06	C0AR0	Water	Phenanthrene, 2-methyl-	5,400.000	J			
P5234-06	C0AR0	Water	Phenanthrene, 3,6-dimethyl-	2,000.000	J			
P5234-06	C0AR0	Water	Pyrene, 1-methyl-	3,000.000	J			
P5234-06	C0AR0	Water	Total Alkanes	52,000.000		1100	5000	ug/L
Total Tics :				146,900.00				
P5234-06	C0AR0	Water	Benzo(a)anthracene	12,000.000		1100	5000	ug/L
P5234-06	C0AR0	Water	Benzo(b)fluoranthene	7,600.000		1400	5000	ug/L
P5234-06	C0AR0	Water	Benzo(k)fluoranthene	2,200.000	J	1400	5000	ug/L
P5234-06	C0AR0	Water	Chrysene	18,000.000		1100	5000	ug/L
P5234-06	C0AR0	Water	Fluoranthene	44,000.000		1900	5000	ug/L
P5234-06	C0AR0	Water	Fluorene	1,600.000	J	940	5000	ug/L

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SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-06	C0AR0	Water	Phenanthrene	26,000.000		1200	5000	ug/L
P5234-06	C0AR0	Water	Pyrene	16,000.000		1800	5000	ug/L
Total Svoc :				127,400.00				
Total Concentration:				274,300.00				
Client ID : C0AR1								
P5234-07	C0AR1	Water	(DEL) Alkane: Straight-Chain3.02 *	50,000.000	J			
P5234-07	C0AR1	Water	1,1-Biphenyl, 2,2,4,4,5,5-hexa *	2,100.000	J			
P5234-07	C0AR1	Water	1,1-Biphenyl, 2,3,3,4,4,5-hexac *	5,000.000	J			
P5234-07	C0AR1	Water	1,1-Biphenyl, 2,3,4,5,5-Pentach *	3,800.000	J			
P5234-07	C0AR1	Water	2,2,3,4,6-Pentachloro-1,1-biphe *	4,400.000	J			
P5234-07	C0AR1	Water	2,2,3,5,6-Pentachloro-1,1-biphe *	4,100.000	J			
P5234-07	C0AR1	Water	3,3,4,4,,5-Pentachloro-1,1-biph *	3,300.000	J			
P5234-07	C0AR1	Water	Fluoranthene, 2-methyl-	2,500.000	J			
P5234-07	C0AR1	Water	Naphthalene, 2-phenyl-	3,900.000	J			
P5234-07	C0AR1	Water	Phenanthrene, 1-methyl-	4,500.000	J			
P5234-07	C0AR1	Water	Phenanthrene, 2,5-dimethyl-	3,500.000	J			
P5234-07	C0AR1	Water	Phenanthrene, 2-methyl-	5,700.000	J			
P5234-07	C0AR1	Water	Phenanthrene, 3,6-dimethyl-	2,300.000	J			
P5234-07	C0AR1	Water	Phenanthrene, 4-methyl-	3,300.000	J			
P5234-07	C0AR1	Water	Total Alkanes *	50,000.000		1100	5000	ug/L
Total Tics :				148,400.00				
P5234-07	C0AR1	Water	Benzo(a)anthracene	7,100.000		1100	5000	ug/L
P5234-07	C0AR1	Water	Benzo(b)fluoranthene	3,800.000	J	1400	5000	ug/L
P5234-07	C0AR1	Water	Chrysene	11,000.000		1100	5000	ug/L
P5234-07	C0AR1	Water	Fluoranthene	34,000.000		1900	5000	ug/L
P5234-07	C0AR1	Water	Fluorene	1,600.000	J	940	5000	ug/L
P5234-07	C0AR1	Water	Naphthalene	1,300.000	J	940	5000	ug/L
P5234-07	C0AR1	Water	Phenanthrene	26,000.000		1200	5000	ug/L
P5234-07	C0AR1	Water	Pyrene	11,000.000		1800	5000	ug/L
Total Svoc :				95,800.00				
Total Concentration:				244,200.00				
Client ID : C0AR4								
P5234-10	C0AR4	Water	(DEL) Alkane: Straight-Chain3.01 *	52,000.000	J			
P5234-10	C0AR4	Water	Total Alkanes *	52,000.000		1100	5000	ug/L
Total Tics :				104,000.00				
Total Concentration:				104,000.00				
Client ID : C0AR5								
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain11.6 *	2,900.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain12.6 *	2,000.000	J			

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SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain14.6 *	4,600.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain15.6 *	3,800.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain15.4 *	4,800.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain15.5 *	15,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain16.6 *	3,700.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain16.7 *	6,300.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain17.4 *	3,500.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain18.1 *	2,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain18.8 *	2,900.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain19.6 *	3,900.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain19.6 *	6,400.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain20.4 *	8,100.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain21.6 *	10,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain21.6 *	11,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain21.4 *	15,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain22.1 *	16,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain22.8 *	16,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain23.6 *	19,000.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain25.7 *	3,700.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain28.6 *	3,700.000	J			
P5234-11	C0AR5	Water	(DEL) Alkane: Straight-Chain30.1 *	45,000.000	J			
P5234-11	C0AR5	Water	Naphthalene, 1,4,6-trimethyl-	*	2,400.000	J		
P5234-11	C0AR5	Water	Naphthalene, 2,7-dimethyl-	*	2,400.000	J		
P5234-11	C0AR5	Water	Naphthalene, 6-ethyl-1,2,3,4-tetra	*	6,900.000	J		
P5234-11	C0AR5	Water	o-Terphenyl	*	4,000.000	J		
P5234-11	C0AR5	Water	p-Terphenyl	*	13,000.000	J		
P5234-11	C0AR5	Water	Tetradecane, 1-bromo-	*	2,000.000	J		
P5234-11	C0AR5	Water	Total Alkanes	*	210,000.000		1100	5000 ug/L
Total Tics :				450,000.00				
P5234-11	C0AR5	Water	Chrysene	1,300.000	J	1100	5000	ug/L
P5234-11	C0AR5	Water	Fluoranthene	3,100.000	J	1900	5000	ug/L
P5234-11	C0AR5	Water	Phenanthrene	2,500.000	J	1200	5000	ug/L
P5234-11	C0AR5	Water	Pyrene	2,500.000	J	1800	5000	ug/L
Total Svoc :				9,400.00				
Total Concentration:				459,400.00				
Client ID : C0AR8								
P5234-14	C0AR8	Water	(DEL) Alkane: Straight-Chain20.4 *	2,600.000	J			
P5234-14	C0AR8	Water	(DEL) Alkane: Straight-Chain30.1 *	45,000.000	J			
P5234-14	C0AR8	Water	(DEL) Alkane: Straight-Chain8.71 *	3,100.000	J			
P5234-14	C0AR8	Water	1,1-Biphenyl, 2,2,4,6,6-Pentach	*	3,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BP121624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5234-14	C0AR8	Water	2,2,3,6,6-Pentachloro-1,1-biphe	*	2,000.000	J		
P5234-14	C0AR8	Water	2,2,4,5-Tetrachloro-1,1-biphenyl	*	2,700.000	J		
P5234-14	C0AR8	Water	2,3,3,5,6-Pentachloro-1,1-biphen	*	2,600.000	J		
P5234-14	C0AR8	Water	Benzene, 1,3-dimethyl-	*	2,000.000	J		
P5234-14	C0AR8	Water	Retene	*	3,600.000	J		
P5234-14	C0AR8	Water	Total Alkanes	*	51,000.000	1100	5000	ug/L
Total Tics :					118,200.00			
P5234-14	C0AR8	Water	2-Methylnaphthalene		1,100.000	J 1100	5000	ug/L
P5234-14	C0AR8	Water	Chrysene		1,700.000	J 1100	5000	ug/L
P5234-14	C0AR8	Water	Fluoranthene		5,400.000	1900	5000	ug/L
P5234-14	C0AR8	Water	Naphthalene		5,000.000	940	5000	ug/L
P5234-14	C0AR8	Water	Phenanthrene		4,500.000	J 1200	5000	ug/L
Total Svoc :					17,700.00			
Total Concentration:					135,900.00			

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.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020637 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:05

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	SBLK588	107273	7.53	389810	10.27	291325	14.15
02	SBLK586	104165	7.53	375496	10.28	281059	14.14
03	E28W5	123025	7.53	457334	10.28	328528	14.14
04	E28W6	107084	7.53	412298	10.28	310683	14.13
05	E28R4	133280	7.53	496939	10.28	360771	14.14
06	E28T3	148564	7.53	555170	10.28	399319	14.15
07	SLCS586	117344	7.53	443858	10.28	333518	14.15
08	SBLK644	110733	7.53	412844	10.28	331009	14.15
09	SLCS644	118793	7.53	424988	10.28	316104	14.14
10	AR1242 50PPM	161055	7.53	560801	10.28	390777	14.14
11	AR1254 50PPM	174577	7.53	627816	10.28	405332	14.15
12	AR1260 50PPM	163139	7.53	581242	10.28	414324	14.15
13	SBLK546	169411	7.53	604524	10.28	437789	14.15
14	C0AD3	175224	7.53	627213	10.28	452113	14.15
15	C0AQ5	199226 *	7.53	714644 *	10.28	437853	14.16
16	C0AQ8	182554 *	7.53	648656	10.28	428079	14.15
17	C0AQ9	197961 *	7.53	699800 *	10.28	486726	14.14
18	C0AR0	166110	7.53	592647	10.28	407513	14.15
19	C0AR1	197123 *	7.53	701170 *	10.28	465159	14.14
20	C0AR4	189814 *	7.53	670482	10.28	448868	14.14
21	C0AR5	197004 *	7.53	689852 *	10.28	462421	14.15
22	C0AR8	175293	7.53	614092	10.28	416324	14.15
23	SBLK586	143037	7.53	525181	10.28	404930	14.14

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020637 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 05:16

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.						

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.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020750 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023429.D Time Analyzed: 11:05

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	107827	7.528	401528	10.27	297504	14.13
UPPER LIMIT	215654	8.028	803056	10.769	595008	14.634
LOWER LIMIT	53913.5	7.028	200764	9.769	148752	13.634
EPA SAMPLE NO.						
01 SBLK588	107273	7.53	389810	10.27	291325	14.15
02 SBLK586	104165	7.53	375496	10.28	281059	14.14
03 E28W5	123025	7.53	457334	10.28	328528	14.14
04 E28W6	107084	7.53	412298	10.28	310683	14.13
05 E28R4	133280	7.53	496939	10.28	360771	14.14
06 E28T3	148564	7.53	555170	10.28	399319	14.15
07 SLCS586	117344	7.53	443858	10.28	333518	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.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020751 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023437.D Time Analyzed: 17:49

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	117472	7.534	436608	10.28	334100	14.15
UPPER LIMIT	234944	8.034	873216	10.781	668200	14.651
LOWER LIMIT	58736	7.034	218304	9.781	167050	13.651
EPA SAMPLE NO.						
01 SBLK644	110733	7.53	412844	10.28	331009	14.15
02 SLCS644	118793	7.53	424988	10.28	316104	14.14
03 AR1242 50PPM	161055	7.53	560801	10.28	390777	14.14
04 AR1254 50PPM	174577	7.53	627816	10.28	405332	14.15
05 AR1260 50PPM	163139	7.53	581242	10.28	414324	14.15
06 SBLK546	169411	7.53	604524	10.28	437789	14.15
07 C0AD3	175224	7.53	627213	10.28	452113	14.15
08 C0AQ5	199226	7.53	714644	10.28	437853	14.16
09 C0AQ8	182554	7.53	648656	10.28	428079	14.15
10 C0AQ9	197961	7.53	699800	10.28	486726	14.14
11 C0AR0	166110	7.53	592647	10.28	407513	14.15
12 C0AR1	197123	7.53	701170	10.28	465159	14.14
13 C0AR4	189814	7.53	670482	10.28	448868	14.14
14 C0AR5	197004	7.53	689852	10.28	462421	14.15
15 C0AR8	175293	7.53	614092	10.28	416324	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.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020752 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BP023453.D Time Analyzed: 05:16

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	127807	7.528	462055	10.27	340297	14.15
UPPER LIMIT	255614	8.028	924110	10.769	680594	14.651
LOWER LIMIT	63903.5	7.028	231027.5	9.769	170148.5	13.651
EPA SAMPLE NO.						
01 SBLK586	143037	7.53	525181	10.28	404930	14.14

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020637 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 11:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	692931	16.975	799543	21.404	881129	24.598
	UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
	LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
	EPA SAMPLE NO.						
01	SBLK588	666365	16.95	768327	21.37	830903	24.52
02	SBLK586	659564	16.95	798603	21.38	899329	24.53
03	E28W5	698658	16.95	766320	21.38	915638	24.55
04	E28W6	632993	16.95	639804	21.38	737871	24.55
05	E28R4	752673	16.95	763492	21.38	866729	24.55
06	E28T3	824309	16.95	840919	21.39	949531	24.57
07	SLCS586	701204	16.95	730951	21.37	866092	24.54
08	SBLK644	804921	16.96	829520	21.39	923004	24.55
09	SLCS644	735405	16.95	767047	21.38	844461	24.54
10	AR1242 50PPM	837162	16.95	716373	21.38	787976	24.56
11	AR1254 50PPM	816719	16.96	705108	21.38	759750	24.53
12	AR1260 50PPM	853045	16.96	740083	21.37	812515	24.54
13	SBLK546	869301	16.96	732111	21.38	837514	24.55
14	C0AD3	836025	16.96	704083	21.38	857358	24.55
15	C0AQ5	803503	16.96	790977	21.38	927169	24.55
16	C0AQ8	845184	16.95	732413	21.38	862881	24.56
17	C0AQ9	925200	16.95	724268	21.38	831792	24.56
18	C0AR0	805279	16.95	721610	21.38	828612	24.54
19	C0AR1	900624	16.95	765177	21.37	861540	24.54
20	C0AR4	838548	16.95	731216	21.38	827729	24.55
21	C0AR5	805606	16.95	718019	21.37	867388	24.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020637 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 03:15

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 COAR8	783611	16.95	691046	21.38	836915	24.55
23 SBLK586	967236	16.95	954395	21.39	1.05495e+	24.56

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.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020750 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023429.D Time Analyzed: 11:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	678618	16.945	776618	21.374	847368	24.545
UPPER LIMIT	1357236	17.445	1553236	21.874	1694736	25.045
LOWER LIMIT	339309	16.445	388309	20.874	423684	24.045
EPA SAMPLE NO.						
01 SBLK588	666365	16.95	768327	21.37	830903	24.52
02 SBLK586	659564	16.95	798603	21.38	899329	24.53
03 E28W5	698658	16.95	766320	21.38	915638	24.55
04 E28W6	632993	16.95	639804	21.38	737871	24.55
05 E28R4	752673	16.95	763492	21.38	866729	24.55
06 E28T3	824309	16.95	840919	21.39	949531	24.57
07 SLCS586	701204	16.95	730951	21.37	866092	24.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020751 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BP023437.D Time Analyzed: 17:49

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	745889	16.957	745094	21.375	798249	24.533
	UPPER LIMIT	1491778	17.457	1490188	21.875	1596498	25.033
	LOWER LIMIT	372944.5	16.457	372547	20.875	399124.5	24.033
	EPA SAMPLE NO.						
01	SBLK644	804921	16.96	829520	21.39	923004	24.55
02	SLCS644	735405	16.95	767047	21.38	844461	24.54
03	AR1242 50PPM	837162	16.95	716373	21.38	787976	24.56
04	AR1254 50PPM	816719	16.96	705108	21.38	759750	24.53
05	AR1260 50PPM	853045	16.96	740083	21.37	812515	24.54
06	SBLK546	869301	16.96	732111	21.38	837514	24.55
07	C0AD3	836025	16.96	704083	21.38	857358	24.55
08	C0AQ5	803503	16.96	790977	21.38	927169	24.55
09	C0AQ8	845184	16.95	732413	21.38	862881	24.56
10	C0AQ9	925200	16.95	724268	21.38	831792	24.56
11	C0AR0	805279	16.95	721610	21.38	828612	24.54
12	C0AR1	900624	16.95	765177	21.37	861540	24.54
13	C0AR4	838548	16.95	731216	21.38	827729	24.55
14	C0AR5	805606	16.95	718019	21.37	867388	24.56
15	C0AR8	783611	16.95	691046	21.38	836915	24.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020751 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BP023437.D Time Analyzed: 03:15

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	745889	16.957	745094	21.375	798249	24.533
UPPER LIMIT	1491778	17.457	1490188	21.875	1596498	25.033
LOWER LIMIT	372944.5	16.457	372547	20.875	399124.5	24.033
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP121624 SAS No.: BP121624 SDG NO.: BP121624

EPA Sample No.: SSTD020752 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BP023453.D Time Analyzed: 05:16

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	760757	16.951	786743	21.374	908825	24.539
UPPER LIMIT	1521514	17.451	1573486	21.874	1817650	25.039
LOWER LIMIT	380378.5	16.451	393371.5	20.874	454412.5	24.039
EPA SAMPLE NO.						
01 SBLK586	967236	16.95	954395	21.39	1.05495e+	24.56

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.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165586BS	1,4-Dioxane	15500	7700	ug/Kg	50				0	0		
	Benzaldehyde	38800	4700	ug/Kg	12				0	0		
	Pyridine	38800	27000	ug/Kg	70				0	0		
	Phenol	38800	30000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	38800	26000	ug/Kg	67				0	0		
	2-Chlorophenol	38800	28000	ug/Kg	72				0	0		
	2-Methylphenol	38800	29000	ug/Kg	75				0	0		
	2,2-oxybis(1-Chloropropane)	38800	26000	ug/Kg	67				0	0		
	Acetophenone	38800	25000	ug/Kg	64				0	0		
	4-Methylphenol	38800	29000	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	38800	26000	ug/Kg	67				0	0		
	Hexachloroethane	38800	25000	ug/Kg	64				0	0		
	Nitrobenzene	38800	26000	ug/Kg	67				0	0		
	Isophorone	38800	27000	ug/Kg	70				0	0		
	2-Nitrophenol	38800	28000	ug/Kg	72				0	0		
	2,4-Dimethylphenol	38800	28000	ug/Kg	72				0	0		
	Bis(2-chloroethoxy)methane	38800	27000	ug/Kg	70				0	0		
	2,4-Dichlorophenol	38800	29000	ug/Kg	75				0	0		
	Naphthalene	38800	26000	ug/Kg	67				0	0		
	4-Chloroaniline	38800	20000	ug/Kg	52				0	0		
	Hexachlorobutadiene	38800	25000	ug/Kg	64				0	0		
	Caprolactam	38800	30000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	38800	29000	ug/Kg	75				0	0		
	1-Methylnaphthalene	38800	25000	ug/Kg	64				0	0		
	2-Methylnaphthalene	38800	25000	ug/Kg	64				0	0		
	Hexachlorocyclopentadiene	38800	21000	ug/Kg	54				0	0		
	2,4,6-Trichlorophenol	38800	30000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	38800	31000	ug/Kg	80				0	0		
	1,1'-Biphenyl	38800	27000	ug/Kg	70				0	0		
	2-Chloronaphthalene	38800	27000	ug/Kg	70				0	0		
	2-Nitroaniline	38800	29000	ug/Kg	75				0	0		
	Dimethylphthalate	38800	27000	ug/Kg	70				0	0		
	2,6-Dinitrotoluene	38800	29000	ug/Kg	75				0	0		
	Acenaphthylene	38800	27000	ug/Kg	70				0	0		
	3-Nitroaniline	38800	30000	ug/Kg	77				0	0		
	Acenaphthene	38800	27000	ug/Kg	70				0	0		
	2,4-Dinitrophenol	38800	20000	ug/Kg	52				0	0		
	4-Nitrophenol	38800	29000	ug/Kg	75				0	0		
	Dibenzofuran	38800	26000	ug/Kg	67				0	0		
	2,4-Dinitrotoluene	38800	28000	ug/Kg	72				0	0		
	Diethylphthalate	38800	26000	ug/Kg	67				0	0		
	Fluorene	38800	26000	ug/Kg	67				0	0		
	4-Chlorophenyl-phenylether	38800	25000	ug/Kg	64				0	0		
	4-Nitroaniline	38800	36000	ug/Kg	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165586BS	4,6-Dinitro-2-methylphenol	38800	25000	ug/Kg	64				0	0		
	N-Nitrosodiphenylamine	38800	31000	ug/Kg	80				0	0		
	1,2,4,5-Tetrachlorobenzene	38800	26000	ug/Kg	67				0	0		
	4-Bromophenyl-phenylether	38800	30000	ug/Kg	77				0	0		
	Hexachlorobenzene	38800	29000	ug/Kg	75				0	0		
	Atrazine	38800	31000	ug/Kg	80				0	0		
	Pentachlorophenol	38800	29000	ug/Kg	75				0	0		
	Phenanthrene	38800	28000	ug/Kg	72				0	0		
	Pentachlorobenzene	38800	31000	ug/Kg	80				0	0		
	Anthracene	38800	29000	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	38800	32000	ug/Kg	82				0	0		
	Carbazole	38800	31000	ug/Kg	80				0	0		
	Di-n-butylphthalate	38800	29000	ug/Kg	75				0	0		
	Fluoranthene	38800	28000	ug/Kg	72				0	0		
	Pyrene	38800	28000	ug/Kg	72				0	0		
	Butylbenzylphthalate	38800	29000	ug/Kg	75				0	0		
	3,3'-Dichlorobenzidine	38800	24000	ug/Kg	62				0	0		
	Benzo(a)anthracene	38800	27000	ug/Kg	70				0	0		
	Chrysene	38800	26000	ug/Kg	67				0	0		
	Bis(2-ethylhexyl)phthalate	38800	29000	ug/Kg	75				0	0		
	Di-n-octylphthalate	38800	28000	ug/Kg	72				0	0		
	Benzo(b)fluoranthene	38800	25000	ug/Kg	64				0	0		
	Benzo(k)fluoranthene	38800	26000	ug/Kg	67				0	0		
	Benzo(a)pyrene	38800	28000	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	38800	28000	ug/Kg	72				0	0		
	Dibenzo(a,h)anthracene	38800	28000	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	38800	28000	ug/Kg	72				0	0		
	2,3,4,6-Tetrachlorophenol	38800	27000	ug/Kg	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165644BS	1,4-Dioxane	530	290	ug/Kg	55				0	0		
	Benzaldehyde	1300	160	ug/Kg	12				0	0		
	Pyridine	1300	870	ug/Kg	67				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	950	ug/Kg	73				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	990	ug/Kg	76				0	0		
	2,2-oxybis(1-Chloropropane)	1300	920	ug/Kg	71				0	0		
	Acetophenone	1300	880	ug/Kg	68				0	0		
	4-Methylphenol	1300	980	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	890	ug/Kg	68				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	960	ug/Kg	74				0	0		
	Isophorone	1300	960	ug/Kg	74				0	0		
	2-Nitrophenol	1300	990	ug/Kg	76				0	0		
	2,4-Dimethylphenol	1300	990	ug/Kg	76				0	0		
	Bis(2-chloroethoxy)methane	1300	950	ug/Kg	73				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	930	ug/Kg	72				0	0		
	4-Chloroaniline	1300	590	ug/Kg	45				0	0		
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0		
	Caprolactam	1300	990	ug/Kg	76				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	Hexachlorocyclopentadiene	1300	760	ug/Kg	58				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	960	ug/Kg	74				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	960	ug/Kg	74				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	940	ug/Kg	72				0	0		
	2,4-Dinitrophenol	1300	890	ug/Kg	68				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	920	ug/Kg	71				0	0		
	2,4-Dinitrotoluene	1300	960	ug/Kg	74				0	0		
	Diethylphthalate	1300	950	ug/Kg	73				0	0		
	Fluorene	1300	940	ug/Kg	72				0	0		
	4-Chlorophenyl-phenylether	1300	930	ug/Kg	72				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165644BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	980	ug/Kg	75				0	0		
	Hexachlorobenzene	1300	970	ug/Kg	75				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	980	ug/Kg	75				0	0		
	Phenanthrene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	990	ug/Kg	76				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	950	ug/Kg	73				0	0		
	Benzo(a)anthracene	1300	930	ug/Kg	72				0	0		
	Chrysene	1300	880	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	890	ug/Kg	68				0	0		
	Benzo(k)fluoranthene	1300	920	ug/Kg	71				0	0		
	Benzo(a)pyrene	1300	940	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	1300	980	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	1300	990	ug/Kg	76				0	0		
	Benzo(g,h,i)perylene	1300	970	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	950	ug/Kg	73				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK546

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121624

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023443.D

Lab Sample ID: PB165546BL

Instrument ID: BNA_P

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 12/16/2024

Level: (low/med) LOW

Time Analyzed: 21:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AD3	P5234-01	BP023444.D	12/16/2024
C0AQ5	P5234-02	BP023445.D	12/16/2024
C0AQ8	P5234-04	BP023446.D	12/16/2024
C0AQ9	P5234-05	BP023447.D	12/16/2024
C0AR0	P5234-06	BP023448.D	12/17/2024
C0AR1	P5234-07	BP023449.D	12/17/2024
C0AR4	P5234-10	BP023450.D	12/17/2024
C0AR5	P5234-11	BP023451.D	12/17/2024
C0AR8	P5234-14	BP023452.D	12/17/2024
AR1242 50PPM	AR1242 50PPM	BP023440.D	12/16/2024
AR1254 50PPM	AR1254 50PPM	BP023441.D	12/16/2024
AR1260 50PPM	AR1260 50PPM	BP023442.D	12/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK586

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121624

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023431.D

Lab Sample ID: PB165586BL

Instrument ID: BNA_P

Date Extracted: 12/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/16/2024

Level: (low/med) MED

Time Analyzed: 11:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28W5	P5155-22	BP023432.D	12/16/2024
E28W6	P5155-23	BP023433.D	12/16/2024
PB165586BS	PB165586BS	BP023436.D	12/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK588

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121624

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023430.D

Lab Sample ID: PB165588BL

Instrument ID: BNA_P

Date Extracted: 12/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/16/2024

Level: (low/med) LOW

Time Analyzed: 11:05

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK644

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121624

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023438.D

Lab Sample ID: PB165644BL

Instrument ID: BNA_P

Date Extracted: 12/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/16/2024

Level: (low/med) LOW

Time Analyzed: 17:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165644BS	PB165644BS	BP023439.D	12/16/2024
E28R4	P5153-21	BP023434.D	12/16/2024
E28T3	P5232-19	BP023435.D	12/16/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
AR1242 50PPM	AR1242 50PPM	BP023440.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
AR1254 50PPM	AR1254 50PPM	BP023441.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
AR1260 50PPM	AR1260 50PPM	BP023442.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
AR1260 50PPM	AR1260 50PPM	BP023442.D	Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-01	C0AD3	BP023444.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
			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
P5234-02	C0AQ5	BP023445.D	Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
			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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
P5234-04	C0AQ8	BP023446.D	Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5234-04	C0AQ8	BP023446.D	2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-05	C0AQ9	BP023447.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-06	C0AR0	BP023448.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-07	C0AR1	BP023449.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

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5234-07	C0AR1	BP023449.D	Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-10	C0AR4	BP023450.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
P5234-11	C0AR5	BP023451.D	Benzo(a)pyrene-d12	40	0.00	0	*	20	130
			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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5234-11	C0AR5	BP023451.D	Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P5234-14	C0AR8	BP023452.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
PB165546BL	PB165546BL	BP023443.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	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5155-22	E28W5	BP023432.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	2.82	7	*	20	120
			Phenol-d5	40	15.53	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.90	40		10	150
			2-Chlorophenol-d4	40	15.42	39		15	120
			4-Methylphenol-d8	40	14.72	37		10	140
			Nitrobenzene-d5	40	15.57	39		10	135
			2-Nitrophenol-d4	40	16.56	41		10	120
			2,4-Dichlorophenol-d3	40	15.24	38		10	140
			4-Chloroaniline-d4	40	6.54	16		1	145
			Dimethylphthalate-d6	40	16.91	42		10	145
			Acenaphthylene-d8	40	17.61	44		15	120
			4-Nitrophenol-d4	40	17.06	43		10	150
			Fluorene-d10	40	17.35	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.10	28		10	130
			Anthracene-d10	40	19.71	49		10	150
			Pyrene-d10	40	16.99	42		10	130
			Benzo(a)pyrene-d12	40	12.50	31		10	140
P5155-23	E28W6	BP023433.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	3.37	8	*	20	120
			Phenol-d5	40	19.66	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.37	51		10	150
			2-Chlorophenol-d4	40	20.25	51		15	120
			4-Methylphenol-d8	40	17.72	44		10	140
			Nitrobenzene-d5	40	20.29	51		10	135
			2-Nitrophenol-d4	40	21.88	55		10	120
			2,4-Dichlorophenol-d3	40	20.10	50		10	140
			4-Chloroaniline-d4	40	12.93	32		1	145
			Dimethylphthalate-d6	40	21.45	54		10	145
			Acenaphthylene-d8	40	23.33	58		15	120
			4-Nitrophenol-d4	40	19.90	50		10	150
			Fluorene-d10	40	22.10	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.89	35		10	130
			Anthracene-d10	40	25.08	63		10	150
			Pyrene-d10	40	21.54	54		10	130
			Benzo(a)pyrene-d12	40	15.76	39		10	140
PB165586BL	PB165586BL	BP023431.D	Pyridine-d5	40	22.90	57		20	120
			1,4-Dioxane-d8	8	5.11	64		15	120
		BP023454.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Pyridine-d5	40	23.91	60		20	120
			Phenol-d5	40	25.57	64		10	130
		BP023431.D	Phenol-d5	40	24.93	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.39	61		10	150
		BP023454.D	Bis(2-Chloroethyl)ether-d8	40	24.10	60		10	150
			2-Chlorophenol-d4	40	26.28	66		15	120
		BP023431.D	2-Chlorophenol-d4	40	24.92	62		15	120
			4-Methylphenol-d8	40	24.69	62		10	140
		BP023454.D	4-Methylphenol-d8	40	25.39	63		10	140
			Nitrobenzene-d5	40	25.10	63		10	135

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165586BL	PB165586BL	BP023431.D	Nitrobenzene-d5	40	24.55	61		10	135
			2-Nitrophenol-d4	40	26.17	65		10	120
		BP023454.D	2-Nitrophenol-d4	40	27.05	68		10	120
			2,4-Dichlorophenol-d3	40	25.11	63		10	140
		BP023431.D	2,4-Dichlorophenol-d3	40	24.01	60		10	140
			4-Chloroaniline-d4	40	23.48	59		1	145
		BP023454.D	4-Chloroaniline-d4	40	24.85	62		1	145
			Dimethylphthalate-d6	40	25.31	63		10	145
		BP023431.D	Dimethylphthalate-d6	40	25.14	63		10	145
			Acenaphthylene-d8	40	24.48	61		15	120
		BP023454.D	Acenaphthylene-d8	40	25.76	64		15	120
			4-Nitrophenol-d4	40	29.64	74		10	150
		BP023431.D	4-Nitrophenol-d4	40	28.34	71		10	150
			Fluorene-d10	40	24.02	60		20	140
		BP023454.D	Fluorene-d10	40	25.17	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.45	51		10	130
		BP023431.D	4,6-Dinitro-2-methylphenol-d2	40	23.57	59		10	130
			Anthracene-d10	40	26.39	66		10	150
		BP023454.D	Anthracene-d10	40	26.88	67		10	150
			Pyrene-d10	40	29.60	74		10	130
		BP023431.D	Pyrene-d10	40	24.74	62		10	130
			Benzo(a)pyrene-d12	40	24.32	61		10	140
		BP023454.D	Benzo(a)pyrene-d12	40	24.74	62		10	140
PB165586BS	PB165586BS	BP023436.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	27.89	70		20	120
			Phenol-d5	40	30.80	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.15	68		10	150
			2-Chlorophenol-d4	40	29.30	73		15	120
			4-Methylphenol-d8	40	28.75	72		10	140
			Nitrobenzene-d5	40	27.97	70		10	135
			2-Nitrophenol-d4	40	29.35	73		10	120
			2,4-Dichlorophenol-d3	40	30.10	75		10	140
			4-Chloroaniline-d4	40	26.11	65		1	145
			Dimethylphthalate-d6	40	27.69	69		10	145
			Acenaphthylene-d8	40	27.51	69		15	120
			4-Nitrophenol-d4	40	30.15	75		10	150
			Fluorene-d10	40	26.70	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.01	63		10	130
			Anthracene-d10	40	29.93	75		10	150
			Pyrene-d10	40	28.82	72		10	130
			Benzo(a)pyrene-d12	40	27.17	68		10	140

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165588BL	PB165588BL	BP023430.D	Pyridine-d5	40	26.15	65		20	120
			1,4-Dioxane-d8	8	5.58	70		15	120
			Phenol-d5	40	30.71	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.93	80		10	150
			2-Chlorophenol-d4	40	30.56	76		15	120
			4-Methylphenol-d8	40	29.52	74		10	140
			Nitrobenzene-d5	40	31.55	79		10	135
			2-Nitrophenol-d4	40	33.35	83		10	120
			2,4-Dichlorophenol-d3	40	28.75	72		10	140
			4-Chloroaniline-d4	40	29.29	73		1	145
			Dimethylphthalate-d6	40	32.37	81		10	145
			Acenaphthylene-d8	40	30.74	77		15	120
			4-Nitrophenol-d4	40	34.74	87		10	150
			Fluorene-d10	40	30.20	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.62	79		10	130
			Anthracene-d10	40	33.63	84		10	150
			Pyrene-d10	40	30.96	77		10	130
			Benzo(a)pyrene-d12	40	30.59	76		10	140

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5153-21	E28R4	BP023434.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.32	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.01	40		10	150
			2-Chlorophenol-d4	40	16.65	42		15	120
			4-Methylphenol-d8	40	15.42	39		10	140
			Nitrobenzene-d5	40	16.20	40		10	135
			2-Nitrophenol-d4	40	17.04	43		10	120
			2,4-Dichlorophenol-d3	40	17.04	43		10	140
			4-Chloroaniline-d4	40	6.98	17		1	145
			Dimethylphthalate-d6	40	16.49	41		10	145
			Acenaphthylene-d8	40	16.97	42		15	120
			4-Nitrophenol-d4	40	14.37	36		10	150
			Fluorene-d10	40	16.60	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.98	22		10	130
			Anthracene-d10	40	18.41	46		10	150
			Pyrene-d10	40	16.09	40		10	130
			Benzo(a)pyrene-d12	40	10.34	26		10	140
P5232-19	E28T3	BP023435.D	1,4-Dioxane-d8	8	2.00	25		15	120
			Pyridine-d5	40	0.70	2	*	20	120
			Phenol-d5	40	12.77	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.27	33		10	150
			2-Chlorophenol-d4	40	13.23	33		15	120
			4-Methylphenol-d8	40	10.89	27		10	140
			Nitrobenzene-d5	40	13.71	34		10	135
			2-Nitrophenol-d4	40	14.31	36		10	120
			2,4-Dichlorophenol-d3	40	12.31	31		10	140
			4-Chloroaniline-d4	40	4.18	10		1	145
			Dimethylphthalate-d6	40	13.73	34		10	145
			Acenaphthylene-d8	40	12.94	32		15	120
			4-Nitrophenol-d4	40	9.39	23		10	150
			Fluorene-d10	40	12.84	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.05	10		10	130
			Anthracene-d10	40	13.75	34		10	150
			Pyrene-d10	40	11.61	29		10	130
			Benzo(a)pyrene-d12	40	6.74	17		10	140
PB165644BL	PB165644BL	BP023438.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	23.28	58		20	120
			Phenol-d5	40	26.81	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.89	62		10	150
			2-Chlorophenol-d4	40	27.12	68		15	120
			4-Methylphenol-d8	40	27.03	68		10	140
			Nitrobenzene-d5	40	27.91	70		10	135
			2-Nitrophenol-d4	40	27.90	70		10	120
			2,4-Dichlorophenol-d3	40	26.25	66		10	140
			4-Chloroaniline-d4	40	25.92	65		1	145
			Dimethylphthalate-d6	40	26.33	66		10	145
			Acenaphthylene-d8	40	25.60	64		15	120
			4-Nitrophenol-d4	40	29.00	72		10	150

Surrogate Summary

SW-846

SDG No.: BP121624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165644BL	PB165644BL	BP023438.D	Fluorene-d10	40	26.16	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.14	43		10	130
			Anthracene-d10	40	27.80	70		10	150
			Pyrene-d10	40	29.80	74		10	130
			Benzo(a)pyrene-d12	40	25.16	63		10	140
PB165644BS	PB165644BS	BP023439.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Pyridine-d5	40	26.26	66		20	120
			Phenol-d5	40	30.38	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.78	69		10	150
			2-Chlorophenol-d4	40	30.32	76		15	120
			4-Methylphenol-d8	40	28.53	71		10	140
			Nitrobenzene-d5	40	30.31	76		10	135
			2-Nitrophenol-d4	40	30.58	76		10	120
			2,4-Dichlorophenol-d3	40	30.24	76		10	140
			4-Chloroaniline-d4	40	25.82	65		1	145
			Dimethylphthalate-d6	40	28.74	72		10	145
			Acenaphthylene-d8	40	28.76	72		15	120
			4-Nitrophenol-d4	40	28.60	72		10	150
			Fluorene-d10	40	27.46	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.78	72		10	130
			Anthracene-d10	40	29.58	74		10	150
			Pyrene-d10	40	29.61	74		10	130
			Benzo(a)pyrene-d12	40	27.82	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121624

Lab Code: CHEM

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023428.D

DFTPP Injection Date: 12/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.3
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	31.8
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	77
443	15.0 - 24.0% of mass 442	14.7 (19.1) 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
SSTD020750	SSTDCCC020	BP023429.D	12/16/2024	10:25
SBLK588	PB165588BL	BP023430.D	12/16/2024	11:05
SBLK586	PB165586BL	BP023431.D	12/16/2024	11:46
E28W5	P5155-22	BP023432.D	12/16/2024	12:26
E28W6	P5155-23	BP023433.D	12/16/2024	13:06
E28R4	P5153-21	BP023434.D	12/16/2024	14:27
E28T3	P5232-19	BP023435.D	12/16/2024	15:07
SLCS586	PB165586BS	BP023436.D	12/16/2024	15:48
SSTD020751	SSTDCCC020	BP023437.D	12/16/2024	17:08
SBLK644	PB165644BL	BP023438.D	12/16/2024	17:49
SLCS644	PB165644BS	BP023439.D	12/16/2024	18:29
AR1242 50PPM	AR1242 50PPM	BP023440.D	12/16/2024	19:10
AR1254 50PPM	AR1254 50PPM	BP023441.D	12/16/2024	19:50
AR1260 50PPM	AR1260 50PPM	BP023442.D	12/16/2024	20:30
SBLK546	PB165546BL	BP023443.D	12/16/2024	21:11
C0AD3	P5234-01	BP023444.D	12/16/2024	21:51
C0AQ5	P5234-02	BP023445.D	12/16/2024	22:32
C0AQ8	P5234-04	BP023446.D	12/16/2024	23:12

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121624

Lab Code: CHEM

SAS No.: BP121624 SDG NO.: BP121624

Lab File ID: BP023428.D

DFTPP Injection Date: 12/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.3
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	31.8
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	77
443	15.0 - 24.0% of mass 442	14.7 (19.1) 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
C0AQ9	P5234-05	BP023447.D	12/16/2024	23:53
C0AR0	P5234-06	BP023448.D	12/17/2024	00:33
C0AR1	P5234-07	BP023449.D	12/17/2024	01:14
C0AR4	P5234-10	BP023450.D	12/17/2024	01:54
C0AR5	P5234-11	BP023451.D	12/17/2024	02:35
C0AR8	P5234-14	BP023452.D	12/17/2024	03:15
SSTD020752	SSTDCCC020	BP023453.D	12/17/2024	04:36
SBLK586	PB165586BL	BP023454.D	12/17/2024	05:16