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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 1 16:22

Lab File ID: BP023016.D Init. Calib. Date(s):

EPA Sample No.: SSTD020710 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.511	0.010	6.3378	40.0
Benzaldehyde	0.851	1.081	0.010	27.0291	40.0
Pyridine	1.241	1.328	0.010	6.9457	40.0
Phenol	1.544	1.604	0.080	3.8885	20.0
Bis(2-Chloroethyl)ether	1.160	1.187	0.100	2.3058	20.0
2-Chlorophenol	1.124	1.208	0.200	7.4148	20.0
2-Methylphenol	1.153	1.164	0.010	0.9801	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.409	0.010	7.2665	40.0
Acetophenone	2.045	2.132	0.060	4.2553	20.0
4-Methylphenol	1.273	1.329	0.010	4.3577	20.0
N-Nitroso-di-n-propylamine	1.021	1.107	0.050	8.449	30.0
Hexachloroethane	0.544	0.580	0.100	6.7106	20.0
Nitrobenzene	0.400	0.439	0.050	10.0061	25.0
Isophorone	0.714	0.770	0.050	7.736	25.0
2-Nitrophenol	0.175	0.190	0.050	8.5437	25.0
2,4-Dimethylphenol	0.378	0.421	0.050	11.2287	25.0
Bis(2-Chloroethoxy)methane	0.393	0.415	0.050	5.6426	20.0
2,4-Dichlorophenol	0.344	0.373	0.060	8.312	20.0
Naphthalene	0.972	1.052	0.200	8.2228	20.0
4-Chloroaniline	0.402	0.423	0.010	5.3922	40.0
Hexachlorobutadiene	0.312	0.348	0.040	11.615	30.0
Caprolactam	0.102	0.105	0.010	2.6869	40.0
4-Chloro-3-methylphenol	0.370	0.414	0.040	11.7614	25.0
1-Methylnaphthalene	0.750	0.818	0.100	9.1168	20.0
2-Methylnaphthalene	0.734	0.781	0.100	6.4859	20.0
Hexachlorocyclopentadiene	0.355	0.328	0.010	-7.546	40.0
2,4,6-Trichlorophenol	0.411	0.427	0.090	3.8443	25.0
2,4,5-Trichlorophenol	0.443	0.467	0.100	5.3578	25.0
1,1-Biphenyl	1.282	1.340	0.200	4.5551	20.0
2-Chloronaphthalene	1.048	1.081	0.300	3.2151	20.0
2-Nitroaniline	0.294	0.330	0.050	12.0806	40.0
Dimethylphthalate	1.422	1.455	0.300	2.3823	20.0
2,6-Dinitrotoluene	0.277	0.289	0.080	4.6588	30.0
Acenaphthylene	1.520	1.640	0.400	7.8719	20.0
3-Nitroaniline	0.238	0.263	0.010	10.5879	40.0
Acenaphthene	1.104	1.193	0.200	8.0409	20.0
2,4-Dinitrophenol	0.196	0.171	0.010	-13.0296	40.0
4-Nitrophenol	0.253	0.269	0.010	6.0768	40.0
Dibenzofuran	1.705	1.861	0.300	9.1299	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 1 16:22

Lab File ID: BP023016.D Init. Calib. Date(s):

EPA Sample No.: SSTD020710 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.493	0.070	11.9553	30.0
Diethylphthalate	1.406	1.510	0.300	7.3774	20.0
Fluorene	1.396	1.534	0.200	9.9258	20.0
4-Chlorophenyl-phenylether	0.822	0.902	0.100	9.7538	20.0
4-Nitroaniline	0.222	0.252	0.010	13.4982	40.0
4,6-Dinitro-2-methylphenol	0.128	0.124	0.010	-2.9188	40.0
N-Nitrosodiphenylamine	0.462	0.504	0.050	9.1607	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.716	0.100	6.0917	20.0
4-Bromophenyl-phenylether	0.226	0.239	0.070	5.6	20.0
Hexachlorobenzene	0.285	0.302	0.050	5.988	25.0
Atrazine	0.223	0.230	0.010	2.9137	25.0
Pentachlorophenol	0.177	0.175	0.010	-1.071	40.0
Phenanthrene	0.944	1.012	0.200	7.1943	20.0
Pentachlorobenzene	0.302	0.315	0.050	4.5059	20.0
Anthracene	0.949	1.023	0.200	7.7889	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.262	0.050	-0.7738	20.0
Carbazole	0.828	0.907	0.050	9.4543	40.0
Di-n-butylphthalate	0.919	0.985	0.500	7.2071	25.0
Fluoranthene	1.061	1.033	0.400	-2.6265	25.0
Pyrene	1.140	1.140	0.400	0.0118	25.0
Butylbenzylphthalate	0.375	0.362	0.100	-3.4398	40.0
3,3-Dichlorobenzidine	0.449	0.466	0.010	3.8938	40.0
Benzo(a)anthracene	1.221	1.280	0.300	4.813	30.0
Chrysene	1.149	1.258	0.200	9.4833	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.539	0.200	1.009	40.0
Di-n-octyl phthalate	0.811	0.771	0.010	-4.9692	40.0
Benzo(b)fluoranthene	1.113	1.209	0.200	8.5779	25.0
Benzo(k)fluoranthene	1.096	1.170	0.200	6.7964	25.0
Benzo(a)pyrene	1.006	1.109	0.200	10.2335	20.0
Indeno(1,2,3-cd)pyrene	1.402	1.511	0.200	7.7494	25.0
Dibenzo(a,h)anthracene	1.138	1.163	0.200	2.1709	30.0
Benzo(g,h,i)perylene	1.065	1.149	0.200	7.8982	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.481	0.040	10.9993	20.0
1,4-Dioxane-d8	0.416	0.476	0.010	14.4526	25.0
Pyridine-d5	1.236	1.288	0.010	4.1869	40.0
Phenol-d5	1.479	1.469	0.010	-0.6416	25.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.929	0.050	6.9076	25.0
2-Chlorophenol-d4	1.083	1.160	0.200	7.1311	20.0
4-Methylphenol-d8	1.217	1.266	0.010	4.0411	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 1 16:22

Lab File ID: BP023016.D Init. Calib. Date(s):

EPA Sample No.: SSTD020710 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.150	0.050	8.0351	20.0
2-Nitrophenol-d4	0.166	0.176	0.050	6.124	30.0
2,4-Dichlorophenol-d3	0.348	0.389	0.060	11.9483	20.0
4-Chloroaniline-d4	0.415	0.440	0.010	6.1542	40.0
Dimethylphthalate-d6	1.441	1.494	0.300	3.6733	20.0
Acenaphthylene-d8	1.504	1.612	0.400	7.1939	20.0
4-Nitrophenol-d4	0.217	0.206	0.010	-4.8459	40.0
Fluorene-d10	1.264	1.429	0.100	13.0888	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-4.5421	40.0
Anthracene-d10	0.847	0.911	0.300	7.6014	20.0
Pyrene-d10	0.921	0.914	0.300	-0.8051	25.0
Benzo(a)pyrene-d12	0.953	1.031	0.010	8.1883	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 1 03:13

Lab File ID: BP023031.D Init. Calib. Date(s):

EPA Sample No.: SSTD020711 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.511	0.010	6.3111	40.0
Benzaldehyde	0.851	1.130	0.010	32.8507	40.0
Pyridine	1.241	1.342	0.010	8.1345	40.0
Phenol	1.544	1.647	0.080	6.6559	20.0
Bis(2-Chloroethyl)ether	1.160	1.251	0.100	7.7952	20.0
2-Chlorophenol	1.124	1.241	0.200	10.4116	20.0
2-Methylphenol	1.153	1.215	0.010	5.4177	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.444	0.010	9.9643	40.0
Acetophenone	2.045	2.207	0.060	7.9174	20.0
4-Methylphenol	1.273	1.353	0.010	6.2405	20.0
N-Nitroso-di-n-propylamine	1.021	1.144	0.050	12.0029	30.0
Hexachloroethane	0.544	0.562	0.100	3.3913	20.0
Nitrobenzene	0.400	0.427	0.050	6.8975	25.0
Isophorone	0.714	0.772	0.050	8.0267	25.0
2-Nitrophenol	0.175	0.187	0.050	6.8674	25.0
2,4-Dimethylphenol	0.378	0.402	0.050	6.1446	25.0
Bis(2-Chloroethoxy)methane	0.393	0.424	0.050	7.9269	20.0
2,4-Dichlorophenol	0.344	0.363	0.060	5.543	20.0
Naphthalene	0.972	1.027	0.200	5.7159	20.0
4-Chloroaniline	0.402	0.417	0.010	3.7431	40.0
Hexachlorobutadiene	0.312	0.313	0.040	0.4156	30.0
Caprolactam	0.102	0.107	0.010	4.3283	40.0
4-Chloro-3-methylphenol	0.370	0.403	0.040	8.899	25.0
1-Methylnaphthalene	0.750	0.805	0.100	7.3834	20.0
2-Methylnaphthalene	0.734	0.784	0.100	6.8469	20.0
Hexachlorocyclopentadiene	0.355	0.337	0.010	-4.9618	40.0
2,4,6-Trichlorophenol	0.411	0.443	0.090	7.7706	25.0
2,4,5-Trichlorophenol	0.443	0.474	0.100	6.9595	25.0
1,1-Biphenyl	1.282	1.372	0.200	7.0447	20.0
2-Chloronaphthalene	1.048	1.109	0.300	5.8305	20.0
2-Nitroaniline	0.294	0.317	0.050	7.9275	40.0
Dimethylphthalate	1.422	1.493	0.300	5.0097	20.0
2,6-Dinitrotoluene	0.277	0.300	0.080	8.6548	30.0
Acenaphthylene	1.520	1.632	0.400	7.3309	20.0
3-Nitroaniline	0.238	0.265	0.010	11.263	40.0
Acenaphthene	1.104	1.192	0.200	7.9555	20.0
2,4-Dinitrophenol	0.196	0.173	0.010	-11.89	40.0
4-Nitrophenol	0.253	0.245	0.010	-3.1561	40.0
Dibenzofuran	1.705	1.809	0.300	6.0652	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 1 03:13

Lab File ID: BP023031.D Init. Calib. Date(s):

EPA Sample No.: SSTD020711 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.468	0.070	6.2862	30.0
Diethylphthalate	1.406	1.476	0.300	4.95	20.0
Fluorene	1.396	1.468	0.200	5.1702	20.0
4-Chlorophenyl-phenylether	0.822	0.849	0.100	3.2509	20.0
4-Nitroaniline	0.222	0.257	0.010	16.1262	40.0
4,6-Dinitro-2-methylphenol	0.128	0.127	0.010	-0.457	40.0
N-Nitrosodiphenylamine	0.462	0.512	0.050	10.719	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.709	0.100	5.0674	20.0
4-Bromophenyl-phenylether	0.226	0.242	0.070	6.9896	20.0
Hexachlorobenzene	0.285	0.301	0.050	5.7223	25.0
Atrazine	0.223	0.235	0.010	5.3793	25.0
Pentachlorophenol	0.177	0.175	0.010	-1.0576	40.0
Phenanthrene	0.944	1.032	0.200	9.3406	20.0
Pentachlorobenzene	0.302	0.324	0.050	7.4062	20.0
Anthracene	0.949	1.028	0.200	8.2298	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.285	0.050	7.9104	20.0
Carbazole	0.828	0.919	0.050	10.8929	40.0
Di-n-butylphthalate	0.919	0.987	0.500	7.3261	25.0
Fluoranthene	1.061	1.153	0.400	8.6374	25.0
Pyrene	1.140	1.215	0.400	6.5968	25.0
Butylbenzylphthalate	0.375	0.399	0.100	6.2986	40.0
3,3-Dichlorobenzidine	0.449	0.487	0.010	8.5625	40.0
Benzo(a)anthracene	1.221	1.312	0.300	7.4101	30.0
Chrysene	1.149	1.236	0.200	7.5884	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.577	0.200	8.206	40.0
Di-n-octyl phthalate	0.811	0.844	0.010	4.0713	40.0
Benzo(b)fluoranthene	1.113	1.219	0.200	9.5388	25.0
Benzo(k)fluoranthene	1.096	1.218	0.200	11.1239	25.0
Benzo(a)pyrene	1.006	1.100	0.200	9.3449	20.0
Indeno(1,2,3-cd)pyrene	1.402	1.476	0.200	5.2701	25.0
Dibenzo(a,h)anthracene	1.138	1.187	0.200	4.2824	30.0
Benzo(g,h,i)perylene	1.065	1.111	0.200	4.3716	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.468	0.040	7.9803	20.0
1,4-Dioxane-d8	0.416	0.479	0.010	15.0136	25.0
Pyridine-d5	1.236	1.308	0.010	5.7782	40.0
Phenol-d5	1.479	1.610	0.010	8.8545	25.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.932	0.050	7.2577	25.0
2-Chlorophenol-d4	1.083	1.189	0.200	9.7761	20.0
4-Methylphenol-d8	1.217	1.315	0.010	8.0563	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 1 03:13

Lab File ID: BP023031.D Init. Calib. Date(s):

EPA Sample No.: SSTD020711 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.151	0.050	8.299	20.0
2-Nitrophenol-d4	0.166	0.175	0.050	5.2045	30.0
2,4-Dichlorophenol-d3	0.348	0.374	0.060	7.5992	20.0
4-Chloroaniline-d4	0.415	0.423	0.010	1.928	40.0
Dimethylphthalate-d6	1.441	1.532	0.300	6.2471	20.0
Acenaphthylene-d8	1.504	1.624	0.400	7.9625	20.0
4-Nitrophenol-d4	0.217	0.209	0.010	-3.4408	40.0
Fluorene-d10	1.264	1.318	0.100	4.3232	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.123	0.010	2.7073	40.0
Anthracene-d10	0.847	0.923	0.300	8.9444	20.0
Pyrene-d10	0.921	0.997	0.300	8.2092	25.0
Benzo(a)pyrene-d12	0.953	1.062	0.010	11.4393	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.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 1 07:16

Lab File ID: BP023037.D Init. Calib. Date(s):

EPA Sample No.: SSTD020712 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.497	0.010	3.374	50.0
Benzaldehyde	0.851	1.096	0.010	28.7573	50.0
Pyridine	1.241	1.330	0.010	7.1023	50.0
Phenol	1.544	1.640	0.080	6.237	50.0
Bis(2-Chloroethyl)ether	1.160	1.268	0.100	9.259	50.0
2-Chlorophenol	1.124	1.226	0.200	9.0156	50.0
2-Methylphenol	1.153	1.217	0.010	5.5933	50.0
2,2-oxybis(1-Chloropropane)	1.314	1.445	0.010	9.9774	50.0
Acetophenone	2.045	2.205	0.060	7.8413	50.0
4-Methylphenol	1.273	1.360	0.010	6.8319	50.0
N-Nitroso-di-n-propylamine	1.021	1.120	0.050	9.7206	50.0
Hexachloroethane	0.544	0.573	0.100	5.4276	50.0
Nitrobenzene	0.400	0.430	0.050	7.6562	50.0
Isophorone	0.714	0.788	0.050	10.2647	50.0
2-Nitrophenol	0.175	0.189	0.050	7.79	50.0
2,4-Dimethylphenol	0.378	0.409	0.050	8.0176	50.0
Bis(2-Chloroethoxy)methane	0.393	0.447	0.050	13.6187	50.0
2,4-Dichlorophenol	0.344	0.373	0.060	8.2108	50.0
Naphthalene	0.972	1.048	0.200	7.8968	50.0
4-Chloroaniline	0.402	0.424	0.010	5.5323	50.0
Hexachlorobutadiene	0.312	0.318	0.040	2.1277	50.0
Caprolactam	0.102	0.111	0.010	8.8482	50.0
4-Chloro-3-methylphenol	0.370	0.407	0.040	9.9726	50.0
1-Methylnaphthalene	0.750	0.818	0.100	9.0437	50.0
2-Methylnaphthalene	0.734	0.800	0.100	9.0315	50.0
Hexachlorocyclopentadiene	0.355	0.340	0.010	-4.1643	50.0
2,4,6-Trichlorophenol	0.411	0.447	0.090	8.6771	50.0
2,4,5-Trichlorophenol	0.443	0.480	0.100	8.2048	50.0
1,1-Biphenyl	1.282	1.370	0.200	6.9009	50.0
2-Chloronaphthalene	1.048	1.117	0.300	6.5907	50.0
2-Nitroaniline	0.294	0.327	0.050	11.1364	50.0
Dimethylphthalate	1.422	1.522	0.300	7.0463	50.0
2,6-Dinitrotoluene	0.277	0.301	0.080	8.864	50.0
Acenaphthylene	1.520	1.655	0.400	8.8807	50.0
3-Nitroaniline	0.238	0.267	0.010	12.0343	50.0
Acenaphthene	1.104	1.208	0.200	9.4129	50.0
2,4-Dinitrophenol	0.196	0.176	0.010	-10.4132	50.0
4-Nitrophenol	0.253	0.232	0.010	-8.5014	50.0
Dibenzofuran	1.705	1.837	0.300	7.7287	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 07:16

Lab File ID: BP023037.D Init. Calib. Date(s):

EPA Sample No.: SSTD020712 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.485	0.070	10.1354	50.0
Diethylphthalate	1.406	1.505	0.300	7.012	50.0
Fluorene	1.396	1.492	0.200	6.8767	50.0
4-Chlorophenyl-phenylether	0.822	0.868	0.100	5.5828	50.0
4-Nitroaniline	0.222	0.260	0.010	17.0945	50.0
4,6-Dinitro-2-methylphenol	0.128	0.131	0.010	2.3966	50.0
N-Nitrosodiphenylamine	0.462	0.521	0.050	12.8057	50.0
1,2,4,5-Tetrachlorobenzene	0.675	0.712	0.100	5.4392	50.0
4-Bromophenyl-phenylether	0.226	0.245	0.070	8.3421	50.0
Hexachlorobenzene	0.285	0.304	0.050	6.6379	50.0
Atrazine	0.223	0.236	0.010	5.8353	50.0
Pentachlorophenol	0.177	0.174	0.010	-1.9737	50.0
Phenanthrene	0.944	1.028	0.200	8.8458	50.0
Pentachlorobenzene	0.302	0.320	0.050	6.251	50.0
Anthracene	0.949	1.027	0.200	8.2092	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.287	0.050	8.809	50.0
Carbazole	0.828	0.874	0.050	5.5125	50.0
Di-n-butylphthalate	0.919	0.999	0.500	8.6874	50.0
Fluoranthene	1.061	1.189	0.400	12.0063	50.0
Pyrene	1.140	1.254	0.400	9.9659	50.0
Butylbenzylphthalate	0.375	0.420	0.100	11.885	50.0
3,3-Dichlorobenzidine	0.449	0.497	0.010	10.6111	50.0
Benzo(a)anthracene	1.221	1.348	0.300	10.3411	50.0
Chrysene	1.149	1.217	0.200	5.9466	50.0
Bis(2-ethylhexyl)phthalate	0.533	0.590	0.200	10.5774	50.0
Di-n-octyl phthalate	0.811	0.852	0.010	5.035	50.0
Benzo(b)fluoranthene	1.113	1.232	0.200	10.6871	50.0
Benzo(k)fluoranthene	1.096	1.209	0.200	10.3036	50.0
Benzo(a)pyrene	1.006	1.102	0.200	9.507	50.0
Indeno(1,2,3-cd)pyrene	1.402	1.466	0.200	4.5455	50.0
Dibenzo(a,h)anthracene	1.138	1.129	0.200	-0.794	50.0
Benzo(g,h,i)perylene	1.065	1.127	0.200	5.8289	50.0
2,3,4,6-Tetrachlorophenol	0.433	0.469	0.040	8.1442	50.0
1,4-Dioxane-d8	0.416	0.482	0.010	15.9552	50.0
Pyridine-d5	1.236	1.350	0.010	9.1981	50.0
Phenol-d5	1.479	1.555	0.010	5.1493	50.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.940	0.050	8.2405	50.0
2-Chlorophenol-d4	1.083	1.187	0.200	9.5826	50.0
4-Methylphenol-d8	1.217	1.281	0.010	5.2642	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG No.: BP111224

Instrument ID: BNA_P Calibration Date/Time: 11/12/2024 1 07:16

Lab File ID: BP023037.D Init. Calib. Date(s):

EPA Sample No.: SSTD020712 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.149	0.050	6.9964	50.0
2-Nitrophenol-d4	0.166	0.182	0.050	9.6415	50.0
2,4-Dichlorophenol-d3	0.348	0.383	0.060	10.2432	50.0
4-Chloroaniline-d4	0.415	0.441	0.010	6.3662	50.0
Dimethylphthalate-d6	1.441	1.552	0.300	7.6456	50.0
Acenaphthylene-d8	1.504	1.637	0.400	8.8418	50.0
4-Nitrophenol-d4	0.217	0.202	0.010	-6.7442	50.0
Fluorene-d10	1.264	1.372	0.100	8.5289	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.119	0.010	-0.4337	50.0
Anthracene-d10	0.847	0.916	0.300	8.1431	50.0
Pyrene-d10	0.921	1.021	0.300	10.8707	50.0
Benzo(a)pyrene-d12	0.953	1.054	0.010	10.6806	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK672			SDG No.:	BP111224
Lab Sample ID:	PB164672BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023017.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK672			SDG No.:	BP111224
Lab Sample ID:	PB164672BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023017.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK672			SDG No.:	BP111224
Lab Sample ID:	PB164672BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023017.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.842		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	29.103		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.814		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.795		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.087		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.51		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	32.531		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.316		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.817		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.905		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.701		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.943		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.466		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	33.517		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK672			SDG No.:	BP111224
Lab Sample ID:	PB164672BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023017.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.214		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	34.042		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.664		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.93		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59723	7.587				
1146-65-2	Naphthalene-d8	225561	10.34				
15067-26-2	Acenaphthene-d10	185199	14.204				
1517-22-2	Phenanthrene-d10	487121	17.016				
1719-03-5	Chrysene-d12	560442	21.463				
1520-96-3	Perylene-d12	623440	24.704				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP111224
Lab Sample ID:	P4625-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023018.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP111224
Lab Sample ID:	P4625-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023018.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP111224
Lab Sample ID:	P4625-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023018.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.802		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	7.177	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	11.908		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.99		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.716		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	28.011		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	36.183		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.832		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.161		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.617		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.692		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	37.924		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.79		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	39.416		25-125		99	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP111224
Lab Sample ID:	P4625-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023018.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.859		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	39.901		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.215		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.775		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51438	7.593				
1146-65-2	Naphthalene-d8	199650	10.334				
15067-26-2	Acenaphthene-d10	158450	14.204				
1517-22-2	Phenanthrene-d10	420781	17.028				
1719-03-5	Chrysene-d12	577734	21.457				
1520-96-3	Perylene-d12	730937	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
071042-74-5	4-Indancarboxylic acid, 7-methyl-	2.7	J			15.616	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP111224
Lab Sample ID:	P4625-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023019.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP111224
Lab Sample ID:	P4625-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023019.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP111224
Lab Sample ID:	P4625-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023019.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.695		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	3.943	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.778		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.424		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.629		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.407		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	30.746		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.469		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.133		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.607		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.927		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.354		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.432		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	33.438		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP111224
Lab Sample ID:	P4625-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023019.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.644		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	35.163		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.619		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.745		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56928	7.593				
1146-65-2	Naphthalene-d8	222606	10.34				
15067-26-2	Acenaphthene-d10	183991	14.21				
1517-22-2	Phenanthrene-d10	468796	17.016				
1719-03-5	Chrysene-d12	551673	21.463				
1520-96-3	Perylene-d12	663365	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4	J			15.598	
000057-10-3	n-Hexadecanoic acid	2.5	J			17.951	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4			SDG No.:	BP111224
Lab Sample ID:	P4625-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023020.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4			SDG No.:	BP111224
Lab Sample ID:	P4625-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023020.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4			SDG No.:	BP111224
Lab Sample ID:	P4625-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023020.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.804		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	5.27	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	9.003		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.715		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.49		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	23.16		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	33.323		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.226		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.954		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.933		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.427		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	37.41		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.489		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	38.363		25-125		96	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4			SDG No.:	BP111224
Lab Sample ID:	P4625-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023020.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.27		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	40.778		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	40.077		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.476		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56255	7.587				
1146-65-2	Naphthalene-d8	228748	10.34				
15067-26-2	Acenaphthene-d10	184485	14.21				
1517-22-2	Phenanthrene-d10	468768	17.016				
1719-03-5	Chrysene-d12	604456	21.457				
1520-96-3	Perylene-d12	710395	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
071042-74-5	4-Indancarboxylic acid, 7-methyl-	3	J			15.604	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8			SDG No.:	BP111224
Lab Sample ID:	P4625-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023021.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8			SDG No.:	BP111224
Lab Sample ID:	P4625-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023021.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

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

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8			SDG No.:	BP111224
Lab Sample ID:	P4625-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023021.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.965		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	1.033	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.773		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.376		25-120		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.252		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	14.653		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.77		20-125		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.326		20-130		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.992		20-120		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.075		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.809		25-130		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.083		10-130		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.886		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	19.736		25-125		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8			SDG No.:	BP111224
Lab Sample ID:	P4625-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023021.D	1	10/31/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.834		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	20.329		25-130		51	SPK: -40
1718-52-1	Pyrene-d10	19.655		15-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.275		20-130		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49586	7.587				
1146-65-2	Naphthalene-d8	182513	10.34				
15067-26-2	Acenaphthene-d10	150655	14.216				
1517-22-2	Phenanthrene-d10	387934	17.028				
1719-03-5	Chrysene-d12	497254	21.457				
1520-96-3	Perylene-d12	604120	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	27	J			15.604	
000057-10-3	n-Hexadecanoic acid	15	J			17.957	
000057-11-4	Octadecanoic acid	2.2	J			19.298	
959261-23-5	Heptafluorobutyric acid, pentadecy	6	J			21.145	
000111-02-4	Squalene	7.3	J			23.186	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BP111224
Lab Sample ID:	P4668-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023022.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD1			SDG No.:	BP111224
Lab Sample ID:	P4668-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023022.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD1			SDG No.:	BP111224
Lab Sample ID:	P4668-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023022.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.079		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	3.865	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	10.487		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.742		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.82		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	19.815		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	24.338		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.912		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.886		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.165		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.151		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	23.883		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.812		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	25.857		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD1			SDG No.:	BP111224
Lab Sample ID:	P4668-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023022.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.495		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	26.568		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	26.581		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.444		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58827	7.593				
1146-65-2	Naphthalene-d8	221204	10.34				
15067-26-2	Acenaphthene-d10	179622	14.204				
1517-22-2	Phenanthrene-d10	469335	17.01				
1719-03-5	Chrysene-d12	577812	21.457				
1520-96-3	Perylene-d12	674772	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
000873-49-4	Benzene, cyclopropyl-	40	J			7.952	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	2.8	J			9.74	
004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	4.6	J			11.446	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD4			SDG No.:	BP111224
Lab Sample ID:	P4668-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023023.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD4			SDG No.:	BP111224
Lab Sample ID:	P4668-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023023.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD4			SDG No.:	BP111224
Lab Sample ID:	P4668-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023023.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.403		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	7.878		20-120		20	SPK: -40
4165-62-2	Phenol-d5	8.836		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.501		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.591		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	21.155		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	37.231		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.587		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.843		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.574		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.645		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.165		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.362		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	37.672		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD4			SDG No.:	BP111224
Lab Sample ID:	P4668-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023023.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.923		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	39.152		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	38.924		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.484		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49787	7.587				
1146-65-2	Naphthalene-d8	191022	10.339				
15067-26-2	Acenaphthene-d10	153617	14.21				
1517-22-2	Phenanthrene-d10	382910	17.027				
1719-03-5	Chrysene-d12	462357	21.462				
1520-96-3	Perylene-d12	560018	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.1	J			15.604	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD6			SDG No.:	BP111224
Lab Sample ID:	P4668-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023024.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD6			SDG No.:	BP111224
Lab Sample ID:	P4668-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023024.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD6			SDG No.:	BP111224
Lab Sample ID:	P4668-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023024.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.194		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	1.319	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	4.363		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.92		25-120		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.801		20-130		35	SPK: -40
190780-66-6	4-Methylphenol-d8	10.207		25-125		26	SPK: -40
4165-60-0	Nitrobenzene-d5	14.942		20-125		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.197		20-130		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.58		20-120		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.202		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.651		25-130		39	SPK: -40
93951-97-4	Acenaphthylene-d8	14.018		10-130		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.854		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	14.996		25-125		37	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD6			SDG No.:	BP111224
Lab Sample ID:	P4668-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023024.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.29		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	15.599		25-130		39	SPK: -40
1718-52-1	Pyrene-d10	15.501		15-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.682		20-130		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52635	7.581				
1146-65-2	Naphthalene-d8	190518	10.34				
15067-26-2	Acenaphthene-d10	154312	14.21				
1517-22-2	Phenanthrene-d10	395000	17.022				
1719-03-5	Chrysene-d12	476282	21.445				
1520-96-3	Perylene-d12	600958	24.674				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	9.8	J			15.604	
000057-10-3	n-Hexadecanoic acid	8.8	J			17.951	
	(DEL) Alkane: Cyclic21.133	5.3	J			21.133	
E966796	Total Alkanes	5.3				99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD8			SDG No.:	BP111224
Lab Sample ID:	P4668-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023025.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD8			SDG No.:	BP111224
Lab Sample ID:	P4668-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023025.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD8			SDG No.:	BP111224
Lab Sample ID:	P4668-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023025.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.357		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.587	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	5.613		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.03		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.199		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.108		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	29.306		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.713		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.7		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.676		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.123		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.229		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.787		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	30.96		25-125		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AD8			SDG No.:	BP111224
Lab Sample ID:	P4668-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023025.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.485		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	32.677		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	32.252		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.631		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51943	7.593				
1146-65-2	Naphthalene-d8	202256	10.34				
15067-26-2	Acenaphthene-d10	159453	14.21				
1517-22-2	Phenanthrene-d10	400241	17.016				
1719-03-5	Chrysene-d12	495742	21.463				
1520-96-3	Perylene-d12	626655	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	6.5	J			15.598	
000057-10-3	n-Hexadecanoic acid	5	J			17.957	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE0			SDG No.:	BP111224
Lab Sample ID:	P4668-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023026.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE0			SDG No.:	BP111224
Lab Sample ID:	P4668-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023026.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

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

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE0			SDG No.:	BP111224
Lab Sample ID:	P4668-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023026.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.589		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	2.991	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.329		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.555		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.235		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.6		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.71		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.126		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.515		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.018		1-146		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.509		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.307		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.489		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	34.166		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE0			SDG No.:	BP111224
Lab Sample ID:	P4668-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023026.D	1	11/4/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.143		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	34.509		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.294		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.631		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50231	7.587				
1146-65-2	Naphthalene-d8	191905	10.334				
15067-26-2	Acenaphthene-d10	148517	14.198				
1517-22-2	Phenanthrene-d10	375252	17.01				
1719-03-5	Chrysene-d12	447361	21.457				
1520-96-3	Perylene-d12	563491	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE6	SDG No.:	BP111224
Lab Sample ID:	P4717-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023027.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE6			SDG No.:	BP111224
Lab Sample ID:	P4717-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023027.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE6			SDG No.:	BP111224
Lab Sample ID:	P4717-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023027.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.827		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	5.077	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.239		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.386		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.907		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	16.258		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	31.1		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.811		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.672		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.201		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.876		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	31.54		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.956		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	36.139		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE6			SDG No.:	BP111224
Lab Sample ID:	P4717-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023027.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.593		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	39.776		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	41.44		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.256		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50386	7.587				
1146-65-2	Naphthalene-d8	191218	10.34				
15067-26-2	Acenaphthene-d10	157492	14.21				
1517-22-2	Phenanthrene-d10	400658	17.022				
1719-03-5	Chrysene-d12	472996	21.457				
1520-96-3	Perylene-d12	560739	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7			SDG No.:	BP111224
Lab Sample ID:	P4717-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023028.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7			SDG No.:	BP111224
Lab Sample ID:	P4717-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023028.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7			SDG No.:	BP111224
Lab Sample ID:	P4717-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023028.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	9.062		20-120		23	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.786		15-120		72	SPK: -8
4165-62-2	Phenol-d5	9.659		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.062		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.837		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	21.228		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	39.266		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.294		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.925		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.023		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.154		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	39.956		10-130		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.822		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	43.186		25-125		108	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7			SDG No.:	BP111224
Lab Sample ID:	P4717-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023028.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.894		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	43.805		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	46.708		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.658		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43446	7.587				
1146-65-2	Naphthalene-d8	169873	10.34				
15067-26-2	Acenaphthene-d10	133661	14.216				
1517-22-2	Phenanthrene-d10	341978	17.022				
1719-03-5	Chrysene-d12	409525	21.463				
1520-96-3	Perylene-d12	521635	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS672			SDG No.:	BP111224
Lab Sample ID:	PB164672BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023029.D	1	11/4/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
110-86-1	Pyridine	33		1.7	10	10	ug/L
100-52-7	Benzaldehyde	4.3	J	1.1	5	10	ug/L
108-95-2	Phenol	36		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	35		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34		1.9	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	36		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	36		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	35		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	37		1.1	2.5	5	ug/L
91-20-3	Naphthalene	34		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.5	2.5	5	ug/L
105-60-2	Caprolactam	36		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS672			SDG No.:	BP111224
Lab Sample ID:	PB164672BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023029.D	1	11/4/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	37		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	36		1.3	2.5	5	ug/L
86-73-7	Fluorene	35		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	32		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.9	5	10	ug/L
85-01-8	Phenanthrene	34		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS672			SDG No.:	BP111224
Lab Sample ID:	PB164672BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023029.D	1	11/4/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		1.1	2.5	5	ug/L
218-01-9	Chrysene	35		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	37		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.014		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	33.003		20-120		83	SPK: -40
4165-62-2	Phenol-d5	36.104		10-130		90	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.872		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.151		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	35.917		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	34.695		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.905		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.834		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.648		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.626		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.794		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.71		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	36.402		25-125		91	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS672			SDG No.:	BP111224
Lab Sample ID:	PB164672BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023029.D	1	11/4/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.004		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	35.484		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.151		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.348		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52178	7.593				
1146-65-2	Naphthalene-d8	208811	10.334				
15067-26-2	Acenaphthene-d10	186079	14.204				
1517-22-2	Phenanthrene-d10	516273	17.01				
1719-03-5	Chrysene-d12	639261	21.463				
1520-96-3	Perylene-d12	762731	24.704				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS574			SDG No.:	BP111224
Lab Sample ID:	PB164574BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023030.D	1	10/31/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	33		1.1	5	10	ug/L
110-86-1	Pyridine	32		1.7	10	10	ug/L
108-95-2	Phenol	36		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	36		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	36		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36		1.9	5	10	ug/L
98-86-2	Acetophenone	36		1.5	5	10	ug/L
106-44-5	4-Methylphenol	36		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	37		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	35		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	37		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	37		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.1	2.5	5	ug/L
91-20-3	Naphthalene	35		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.5	2.5	5	ug/L
105-60-2	Caprolactam	37		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS574			SDG No.:	BP111224
Lab Sample ID:	PB164574BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023030.D	1	10/31/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	36		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	38		1.6	5	10	ug/L
83-32-9	Acenaphthene	35		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	38		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	38		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	38		1.2	2.5	5	ug/L
1912-24-9	Atrazine	18		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	31		1.9	5	10	ug/L
85-01-8	Phenanthrene	37		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.7	2.5	5	ug/L
120-12-7	Anthracene	36		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	36		1.7	2.5	5	ug/L
86-74-8	Carbazole	37		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	41		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS574			SDG No.:	BP111224
Lab Sample ID:	PB164574BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023030.D	1	10/31/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	38		1.1	2.5	5	ug/L
218-01-9	Chrysene	37		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	39		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	39		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.83		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	32.826		20-120		82	SPK: -40
4165-62-2	Phenol-d5	36.578		10-130		91	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.221		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.1		20-130		93	SPK: -40
190780-66-6	4-Methylphenol-d8	36.263		25-125		91	SPK: -40
4165-60-0	Nitrobenzene-d5	36.114		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.238		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.264		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.982		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.643		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.303		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.39		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	36.173		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS574			SDG No.:	BP111224
Lab Sample ID:	PB164574BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023030.D	1	10/31/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.808		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	36.253		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	39.766		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.374		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71258	7.587				
1146-65-2	Naphthalene-d8	293927	10.334				
15067-26-2	Acenaphthene-d10	248909	14.21				
1517-22-2	Phenanthrene-d10	611038	17.022				
1719-03-5	Chrysene-d12	658442	21.457				
1520-96-3	Perylene-d12	741260	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK736			SDG No.:	BP111224
Lab Sample ID:	PB164736BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023032.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK736			SDG No.:	BP111224
Lab Sample ID:	PB164736BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023032.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK736			SDG No.:	BP111224
Lab Sample ID:	PB164736BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023032.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.202		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	28.086		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.103		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.488		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.636		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.744		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.8		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.864		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.903		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.592		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.924		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.025		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.335		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.52		25-125		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK736			SDG No.:	BP111224
Lab Sample ID:	PB164736BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023032.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.333		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	31.817		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.403		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.235		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69789	7.587				
1146-65-2	Naphthalene-d8	273265	10.334				
15067-26-2	Acenaphthene-d10	222141	14.21				
1517-22-2	Phenanthrene-d10	567004	17.01				
1719-03-5	Chrysene-d12	624839	21.457				
1520-96-3	Perylene-d12	696641	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE5			SDG No.:	BP111224
Lab Sample ID:	P4717-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023033.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE5			SDG No.:	BP111224
Lab Sample ID:	P4717-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023033.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE5			SDG No.:	BP111224
Lab Sample ID:	P4717-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023033.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.239		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	6.886	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.224		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.698		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.825		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.336		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.857		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.14		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.464		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.87		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.983		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.213		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.074		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	32.32		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE5			SDG No.:	BP111224
Lab Sample ID:	P4717-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023033.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.946		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	37.544		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	37.61		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.525		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56274	7.587				
1146-65-2	Naphthalene-d8	216004	10.334				
15067-26-2	Acenaphthene-d10	174577	14.21				
1517-22-2	Phenanthrene-d10	434210	17.022				
1719-03-5	Chrysene-d12	535120	21.457				
1520-96-3	Perylene-d12	663599	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE8			SDG No.:	BP111224
Lab Sample ID:	P4717-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023034.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE8			SDG No.:	BP111224
Lab Sample ID:	P4717-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023034.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE8			SDG No.:	BP111224
Lab Sample ID:	P4717-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023034.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.018		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	5.461	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	8.742		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.628		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.482		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.631		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	36.693		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.903		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.235		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.408		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.518		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	35.073		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.877		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	38.008		25-125		95	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE8			SDG No.:	BP111224
Lab Sample ID:	P4717-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023034.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.726		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	43.404		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	42.045		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.674		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46738	7.587				
1146-65-2	Naphthalene-d8	169418	10.334				
15067-26-2	Acenaphthene-d10	135521	14.21				
1517-22-2	Phenanthrene-d10	332568	17.016				
1719-03-5	Chrysene-d12	434641	21.457				
1520-96-3	Perylene-d12	551787	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE9			SDG No.:	BP111224
Lab Sample ID:	P4717-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023035.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE9			SDG No.:	BP111224
Lab Sample ID:	P4717-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023035.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

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

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE9			SDG No.:	BP111224
Lab Sample ID:	P4717-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023035.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.572		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	7.67	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.545		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.016		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.815		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.248		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	35.591		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.219		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.74		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.845		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.854		25-130		107	SPK: -40
93951-97-4	Acenaphthylene-d8	37.489		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.221		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	41.598		25-125		104	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE9			SDG No.:	BP111224
Lab Sample ID:	P4717-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023035.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.933		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	43.833		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	44.914		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.868		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51076	7.581				
1146-65-2	Naphthalene-d8	191793	10.34				
15067-26-2	Acenaphthene-d10	158512	14.216				
1517-22-2	Phenanthrene-d10	406683	17.022				
1719-03-5	Chrysene-d12	483266	21.457				
1520-96-3	Perylene-d12	590254	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS736			SDG No.:	BP111224
Lab Sample ID:	PB164736BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023036.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.4	J	1.1	5	10	ug/L
110-86-1	Pyridine	34		1.7	10	10	ug/L
108-95-2	Phenol	36		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	36		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.9	5	10	ug/L
98-86-2	Acetophenone	34		1.5	5	10	ug/L
106-44-5	4-Methylphenol	35		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	36		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	35		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.1	2.5	5	ug/L
91-20-3	Naphthalene	34		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.5	2.5	5	ug/L
105-60-2	Caprolactam	37		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS736			SDG No.:	BP111224
Lab Sample ID:	PB164736BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023036.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.6	5	10	ug/L
83-32-9	Acenaphthene	35		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	40		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	36		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	45		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	31		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS736			SDG No.:	BP111224
Lab Sample ID:	PB164736BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023036.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	35		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.904		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	32.431		20-120		81	SPK: -40
4165-62-2	Phenol-d5	35.65		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.833		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.997		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	35.637		25-125		89	SPK: -40
4165-60-0	Nitrobenzene-d5	33.002		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.202		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.84		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.312		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.96		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.038		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.59		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	35.636		25-125		89	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS736			SDG No.:	BP111224
Lab Sample ID:	PB164736BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023036.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164736

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.015		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	34.173		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.081		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.15		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50679	7.587				
1146-65-2	Naphthalene-d8	207199	10.334				
15067-26-2	Acenaphthene-d10	184181	14.198				
1517-22-2	Phenanthrene-d10	528151	17.016				
1719-03-5	Chrysene-d12	648910	21.451				
1520-96-3	Perylene-d12	784614	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP111224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**C0AB0**								
P4625-08	C0AB0	Water	4-Indancarboxylic acid, 7-methyl-	*	2.700	J			
P4625-08	C0AB0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**2.70**		
P4625-08	C0AB0	Water	1,4-Dioxane		3.500		0.35	2	ug/L
			Total Svoc :				**3.50**		
			Total Concentration:				**6.20**		
Client ID :	**C0AB2**								
P4625-09	C0AB2	Water	Benzophenone	*	4.000	J			
P4625-09	C0AB2	Water	n-Hexadecanoic acid	*	2.500	J			
P4625-09	C0AB2	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**6.50**		
			Total Concentration:				**6.50**		
Client ID :	**C0AB4**								
P4625-10	C0AB4	Water	4-Indancarboxylic acid, 7-methyl-	*	3.000	J			
P4625-10	C0AB4	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**3.00**		
P4625-10	C0AB4	Water	1,4-Dioxane		3.400		0.36	2	ug/L
			Total Svoc :				**3.40**		
			Total Concentration:				**6.40**		
Client ID :	**C0AB8**								
P4625-12	C0AB8	Water	Benzophenone	*	27.000	J			
P4625-12	C0AB8	Water	Heptafluorobutyric acid, pentadec	*	6.000	J			
P4625-12	C0AB8	Water	n-Hexadecanoic acid	*	15.000	J			
P4625-12	C0AB8	Water	Octadecanoic acid	*	2.200	J			
P4625-12	C0AB8	Water	Squalene	*	7.300	J			
P4625-12	C0AB8	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**57.50**		
P4625-12	C0AB8	Water	Phenol		2.500	J	1.6	10	ug/L
			Total Svoc :				**2.50**		
			Total Concentration:				**60.00**		
Client ID :	**C0AD1**								
P4668-01	C0AD1	Water	1H-Indene, 2,3-dihydro-4-methyl-	*	2.800	J			
P4668-01	C0AD1	Water	Benzene, cyclopropyl-	*	40.000	J			
P4668-01	C0AD1	Water	Benzo[b]thiophene, 2,3-dihydro-	*	4.600	J			
P4668-01	C0AD1	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**47.40**		

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Hit Summary Sheet
SW-846

SDG No.: BP111224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4668-01	C0AD1	Water	1-Methylnaphthalene		1.100	J	0.91	5	ug/L
P4668-01	C0AD1	Water	Acenaphthene		8.000		0.96	5	ug/L
P4668-01	C0AD1	Water	Fluorene		1.000	J	0.94	5	ug/L
P4668-01	C0AD1	Water	Naphthalene		10.000		0.94	5	ug/L
			Total Svoc :			**20.10**			
			Total Concentration:			**67.50**			
Client ID :	**C0AD4**								
P4668-02	C0AD4	Water	Benzophenone	*	4.100	J			
P4668-02	C0AD4	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :			**4.10**			
			Total Concentration:			**4.10**			
Client ID :	**C0AD6**								
P4668-03	C0AD6	Water	(DEL) Alkane: Cyclic21.133	*	5.300	J			
P4668-03	C0AD6	Water	Benzophenone	*	9.800	J			
P4668-03	C0AD6	Water	n-Hexadecanoic acid	*	8.800	J			
P4668-03	C0AD6	Water	Total Alkanes	*	5.300		1.1	5	ug/L
			Total Tics :			**29.20**			
			Total Concentration:			**29.20**			
Client ID :	**C0AD8**								
P4668-04	C0AD8	Water	Benzophenone	*	6.500	J			
P4668-04	C0AD8	Water	n-Hexadecanoic acid	*	5.000	J			
P4668-04	C0AD8	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :			**11.50**			
			Total Concentration:			**11.50**			
Client ID :	**C0AE0**								
P4668-05	C0AE0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			
Client ID :	**C0AE5**								
P4717-02	C0AE5	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**0.00**			
P4717-02	C0AE5	Water	1,4-Dioxane		1.500	J	0.35	2	ug/L
			Total Svoc :			**1.50**			
			Total Concentration:			**1.50**			
Client ID :	**C0AE6**								
P4717-03	C0AE6	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**0.00**			
P4717-03	C0AE6	Water	1,4-Dioxane		1.500	J	0.35	2	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP111224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :				**1.50**		
			Total Concentration:				**1.50**		
Client ID :	**C0AE7**								
P4717-04	C0AE7	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AE8**								
P4717-05	C0AE8	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**0.00**		
P4717-05	C0AE8	Water	1,4-Dioxane		1.900	J	0.35	2	ug/L
			Total Svoc :				**1.90**		
			Total Concentration:				**1.90**		
Client ID :	**C0AE9**								
P4717-06	C0AE9	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
P4717-06	C0AE9	Water	1,4-Dioxane		1.100	J	0.36	2	ug/L
			Total Svoc :				**1.10**		
			Total Concentration:				**1.10**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.498	0.499	0.485	0.464	0.457		0.481	4.0
Benzaldehyde		1.019	1.045	0.911	0.710	0.569	0.851	24.2
Pyridine		1.164	1.224	1.292	1.301	1.227	1.241	4.5
Hexachloroethane	0.515	0.551	0.543	0.552	0.557		0.544	3.1
Nitrobenzene	0.370	0.382	0.418	0.416	0.412		0.400	5.5
Isophorone	0.643	0.679	0.754	0.757	0.739		0.714	7.1
2-Nitrophenol	0.155	0.166	0.183	0.184	0.188		0.175	8.1
2,4-Dimethylphenol	0.359	0.355	0.405	0.384	0.388		0.378	5.6
Bis(2-Chloroethoxy)methane	0.351	0.383	0.412	0.416	0.403		0.393	6.8
2,4-Dichlorophenol	0.311	0.314	0.366	0.369	0.361		0.344	8.4
Naphthalene	0.926	0.948	1.027	0.989	0.968		0.972	4.0
4-Chloroaniline		0.370	0.402	0.412	0.417	0.408	0.402	4.7
Hexachlorobutadiene	0.325	0.304	0.317	0.309	0.303		0.312	3.0
Phenol		1.401	1.516	1.585	1.631	1.588	1.544	5.8
Caprolactam		0.087	0.105	0.106	0.107	0.107	0.102	8.6
4-Chloro-3-methylphenol	0.324	0.348	0.396	0.394	0.390		0.370	8.8
1-Methylnaphthalene	0.705	0.732	0.785	0.774	0.753		0.750	4.3
2-Methylnaphthalene	0.696	0.709	0.764	0.753	0.747		0.734	4.0
Hexachlorocyclopentadiene		0.254	0.324	0.370	0.392	0.433	0.355	19.3
2,4,6-Trichlorophenol	0.364	0.383	0.422	0.441	0.446		0.411	8.9
2,4,5-Trichlorophenol	0.372	0.410	0.468	0.477	0.489		0.443	11.3
1,1-Biphenyl	1.181	1.267	1.337	1.329	1.294		1.282	4.9
2-Chloronaphthalene	0.959	1.041	1.090	1.075	1.072		1.048	5.0
2-Nitroaniline	0.233	0.273	0.309	0.327	0.329		0.294	14.0
Bis(2-Chloroethyl)ether		1.099	1.155	1.198	1.207	1.143	1.160	3.8
Dimethylphthalate	1.293	1.440	1.479	1.475	1.421		1.422	5.4
2,6-Dinitrotoluene	0.233	0.259	0.284	0.303	0.304		0.277	10.9
Acenaphthylene	1.332	1.492	1.633	1.575	1.570		1.520	7.7
3-Nitroaniline		0.220	0.253	0.250	0.238	0.231	0.238	5.7
Acenaphthene	0.998	1.095	1.147	1.150	1.129		1.104	5.7
2,4-Dinitrophenol		0.140	0.171	0.207	0.227	0.237	0.196	20.5
4-Nitrophenol		0.172	0.259	0.278	0.289	0.271	0.253	18.6
Dibenzofuran	1.590	1.696	1.793	1.750	1.699		1.705	4.5
2,4-Dinitrotoluene	0.366	0.424	0.470	0.472	0.471		0.441	10.5
Diethylphthalate	1.288	1.401	1.450	1.473	1.418		1.406	5.1
2-Chlorophenol	1.013	1.107	1.120	1.171	1.210		1.124	6.6

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.277	1.408	1.445	1.420	1.430		1.396	4.8
4-Chlorophenyl-phenylether	0.774	0.833	0.831	0.838	0.832		0.822	3.3
4-Nitroaniline		0.221	0.273	0.218	0.212	0.184	0.222	14.6
4,6-Dinitro-2-methylphenol		0.107	0.127	0.133	0.135	0.138	0.128	9.6
N-Nitrosodiphenylamine	0.418	0.447	0.492	0.489	0.464		0.462	6.6
1,2,4,5-Tetrachlorobenzene	0.636	0.660	0.703	0.695	0.682		0.675	4.1
4-Bromophenyl-phenylether	0.216	0.216	0.233	0.241	0.226		0.226	4.7
Hexachlorobenzene	0.279	0.280	0.297	0.288	0.282		0.285	2.7
Atrazine		0.211	0.227	0.232	0.224	0.223	0.223	3.5
Pentachlorophenol		0.152	0.172	0.181	0.183	0.197	0.177	9.4
2-Methylphenol		1.056	1.121	1.186	1.212	1.189	1.153	5.6
Phenanthrene	0.887	0.934	0.994	0.969	0.936		0.944	4.3
Pentachlorobenzene	0.288	0.297	0.307	0.314	0.302		0.302	3.2
Anthracene	0.874	0.953	1.006	0.969	0.945		0.949	5.1
1,2,3,4-Tetrachlorobenzene	0.246	0.256	0.275	0.276	0.267		0.264	4.9
Carbazole		0.776	0.883	0.845	0.821	0.817	0.828	4.7
Di-n-butylphthalate	0.831	0.873	0.972	0.972	0.949		0.919	7.0
Fluoranthene	0.950	0.997	1.082	1.146	1.131		1.061	8.0
Pyrene	1.040	1.087	1.167	1.225	1.180		1.140	6.6
Butylbenzylphthalate	0.318	0.334	0.377	0.419	0.428		0.375	13.0
3,3-Dichlorobenzidine		0.422	0.482	0.456	0.450	0.435	0.449	5.1
2,2-oxybis(1-Chloropropane)		1.294	1.331	1.358	1.327	1.258	1.314	2.9
Benzo(a)anthracene	1.121	1.197	1.276	1.268	1.244		1.221	5.2
Chrysene	1.092	1.114	1.218	1.174	1.148		1.149	4.3
Bis(2-ethylhexyl)phthalate	0.429	0.496	0.545	0.589	0.608		0.533	13.6
Di-n-octyl phthalate		0.660	0.770	0.851	0.851	0.924	0.811	12.4
Benzo(b)fluoranthene	0.988	1.052	1.205	1.151	1.171		1.113	8.1
Benzo(k)fluoranthene	0.992	1.041	1.139	1.174	1.133		1.096	7.0
Benzo(a)pyrene	0.901	0.958	1.055	1.060	1.057		1.006	7.2
Indeno(1,2,3-cd)pyrene	1.372	1.346	1.464	1.417	1.411		1.402	3.2
Dibenzo(a,h)anthracene	1.116	1.102	1.183	1.141	1.150		1.138	2.7
Benzo(g,h,i)perylene	1.043	1.011	1.101	1.082	1.088		1.065	3.5
Acetophenone		1.921	2.046	2.134	2.098	2.025	2.045	4.0
2,3,4,6-Tetrachlorophenol	0.388	0.406	0.447	0.462	0.463		0.433	7.9
1,4-Dioxane-d8	0.387	0.411	0.440	0.419	0.423		0.416	4.7
Pyridine-d5		1.130	1.255	1.272	1.289	1.235	1.236	5.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.311	1.446	1.513	1.567	1.556	1.479	7.1
Bis-(2-Chloroethyl)ether-d8		0.842	0.876	0.892	0.889	0.846	0.869	2.7
2-Chlorophenol-d4	0.941	1.050	1.095	1.151	1.179		1.083	8.7
4-Methylphenol-d8		1.078	1.167	1.274	1.285	1.280	1.217	7.5
Nitrobenzene-d5	0.121	0.133	0.145	0.148	0.148		0.139	8.5
2-Nitrophenol-d4	0.142	0.153	0.171	0.181	0.182		0.166	10.5
2,4-Dichlorophenol-d3	0.302	0.331	0.360	0.373	0.372		0.348	8.9
4-Chloroaniline-d4		0.371	0.420	0.425	0.429	0.428	0.415	5.9
4-Methylphenol		1.166	1.252	1.329	1.330	1.289	1.273	5.4
Dimethylphthalate-d6	1.325	1.430	1.482	1.511	1.460		1.441	5.0
Acenaphthylene-d8	1.326	1.449	1.579	1.571	1.596		1.504	7.7
4-Nitrophenol-d4		0.166	0.214	0.229	0.241	0.233	0.217	13.9
Fluorene-d10	1.179	1.247	1.303	1.299	1.291		1.264	4.1
4,6-Dinitro-2-methylphenol-		0.101	0.116	0.124	0.126	0.131	0.120	9.8
Anthracene-d10	0.773	0.805	0.917	0.882	0.857		0.847	6.8
Pyrene-d10	0.806	0.884	0.942	0.993	0.980		0.921	8.3
Benzo(a)pyrene-d12	0.839	0.881	1.016	1.012	1.016		0.953	9.0
N-Nitroso-di-n-propylamine	0.873	1.009	1.066	1.100	1.057		1.021	8.7

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 17:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	53999	7.599	205623	10.35	171199	14.22
	UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
	LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
	EPA SAMPLE NO.						
01	SBLK672	59723	7.59	225561	10.34	185199	14.20
02	C0AB0	51438	7.59	199650	10.33	158450	14.20
03	C0AB2	56928	7.59	222606	10.34	183991	14.21
04	C0AB4	56255	7.59	228748	10.34	184485	14.21
05	C0AB8	49586	7.59	182513	10.34	150655	14.22
06	C0AD1	58827	7.59	221204	10.34	179622	14.20
07	C0AD4	49787	7.59	191022	10.34	153617	14.21
08	C0AD6	52635	7.58	190518	10.34	154312	14.21
09	C0AD8	51943	7.59	202256	10.34	159453	14.21
10	C0AE0	50231	7.59	191905	10.33	148517	14.20
11	C0AE6	50386	7.59	191218	10.34	157492	14.21
12	C0AE7	43446	7.59	169873	10.34	133661	14.22
13	SLCS672	52178	7.59	208811	10.33	186079	14.20
14	SLCS574	71258	7.59	293927	10.33	248909	14.21
15	SBLK736	69789	7.59	273265	10.33	222141	14.21
16	C0AE5	56274	7.59	216004	10.33	174577	14.21
17	C0AE8	46738	7.59	169418	10.33	135521	14.21
18	C0AE9	51076	7.58	191793	10.34	158512	14.22
19	SLCS736	50679	7.59	207199	10.33	184181	14.20

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 06:35

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	53999	7.599	205623	10.35	171199	14.22
UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020710 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP023016.D Time Analyzed: 17:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	40617	7.593	161106	10.33	141840	14.21
	UPPER LIMIT	81234	8.093	322212	10.834	283680	14.71
	LOWER LIMIT	20308.5	7.093	80553	9.834	70920	13.71
	EPA SAMPLE NO.						
01	SBLK672	59723	7.59	225561	10.34	185199	14.20
02	C0AB0	51438	7.59	199650	10.33	158450	14.20
03	C0AB2	56928	7.59	222606	10.34	183991	14.21
04	C0AB4	56255	7.59	228748	10.34	184485	14.21
05	C0AB8	49586	7.59	182513	10.34	150655	14.22
06	C0AD1	58827	7.59	221204	10.34	179622	14.20
07	C0AD4	49787	7.59	191022	10.34	153617	14.21
08	C0AD6	52635	7.58	190518	10.34	154312	14.21
09	C0AD8	51943	7.59	202256	10.34	159453	14.21
10	C0AE0	50231	7.59	191905	10.33	148517	14.20
11	C0AE6	50386	7.59	191218	10.34	157492	14.21
12	C0AE7	43446	7.59	169873	10.34	133661	14.22
13	SLCS672	52178	7.59	208811	10.33	186079	14.20
14	SLCS574	71258	7.59	293927	10.33	248909	14.21

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020711 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BP023031.D Time Analyzed: 03:53

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	70562	7.587	286398	10.33	237328	14.21
	UPPER LIMIT	141124	8.087	572796	10.834	474656	14.71
	LOWER LIMIT	35281	7.087	143199	9.834	118664	13.71
	EPA SAMPLE NO.						
01	SBLK736	69789	7.59	273265	10.33	222141	14.21
02	C0AE5	56274	7.59	216004	10.33	174577	14.21
03	C0AE8	46738	7.59	169418	10.33	135521	14.21
04	C0AE9	51076	7.58	191793	10.34	158512	14.22
05	SLCS736	50679	7.59	207199	10.33	184181	14.20

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 17:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	436257	17.033	540002	21.457	665185	24.68
	UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
	LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
	EPA SAMPLE NO.						
01	SBLK672	487121	17.02	560442	21.46	623440	24.70
02	C0AB0	420781	17.03	577734	21.46	730937	24.69
03	C0AB2	468796	17.02	551673	21.46	663365	24.70
04	C0AB4	468768	17.02	604456	21.46	710395	24.69
05	C0AB8	387934	17.03	497254	21.46	604120	24.69
06	C0AD1	469335	17.01	577812	21.46	674772	24.68
07	C0AD4	382910	17.03	462357	21.46	560018	24.68
08	C0AD6	395000	17.02	476282	21.45	600958	24.67
09	C0AD8	400241	17.02	495742	21.46	626655	24.70
10	C0AE0	375252	17.01	447361	21.46	563491	24.70
11	C0AE6	400658	17.02	472996	21.46	560739	24.69
12	C0AE7	341978	17.02	409525	21.46	521635	24.69
13	SLCS672	516273	17.01	639261	21.46	762731	24.70
14	SLCS574	611038	17.02	658442	21.46	741260	24.70
15	SBLK736	567004	17.01	624839	21.46	696641	24.69
16	C0AE5	434210	17.02	535120	21.46	663599	24.68
17	C0AE8	332568	17.02	434641	21.46	551787	24.69
18	C0AE9	406683	17.02	483266	21.46	590254	24.69
19	SLCS736	528151	17.02	648910	21.45	784614	24.69

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 06:35

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	436257	17.033	540002	21.457	665185	24.68
UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020710 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP023016.D Time Analyzed: 17:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	387031	17.022	521888	21.457	660910	24.71
	UPPER LIMIT	774062	17.522	1043776	21.957	1321820	25.21
	LOWER LIMIT	193515.5	16.522	260944	20.957	330455	24.21
	EPA SAMPLE NO.						
01	SBLK672	487121	17.02	560442	21.46	623440	24.70
02	C0AB0	420781	17.03	577734	21.46	730937	24.69
03	C0AB2	468796	17.02	551673	21.46	663365	24.70
04	C0AB4	468768	17.02	604456	21.46	710395	24.69
05	C0AB8	387934	17.03	497254	21.46	604120	24.69
06	C0AD1	469335	17.01	577812	21.46	674772	24.68
07	C0AD4	382910	17.03	462357	21.46	560018	24.68
08	C0AD6	395000	17.02	476282	21.45	600958	24.67
09	C0AD8	400241	17.02	495742	21.46	626655	24.70
10	C0AE0	375252	17.01	447361	21.46	563491	24.70
11	C0AE6	400658	17.02	472996	21.46	560739	24.69
12	C0AE7	341978	17.02	409525	21.46	521635	24.69
13	SLCS672	516273	17.01	639261	21.46	762731	24.70
14	SLCS574	611038	17.02	658442	21.46	741260	24.70

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

EPA Sample No.: SSTD020711 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BP023031.D Time Analyzed: 03:53

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	590263	17.016	695811	21.445	802639	24.668
	UPPER LIMIT	1180526	17.516	1391622	21.945	1605278	25.168
	LOWER LIMIT	295131.5	16.516	347905.5	20.945	401319.5	24.168
	EPA SAMPLE NO.						
01	SBLK736	567004	17.01	624839	21.46	696641	24.69
02	C0AE5	434210	17.02	535120	21.46	663599	24.68
03	C0AE8	332568	17.02	434641	21.46	551787	24.69
04	C0AE9	406683	17.02	483266	21.46	590254	24.69
05	SLCS736	528151	17.02	648910	21.45	784614	24.69

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164574BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	33	ug/L	83				0	0	
	Pyridine	40	32	ug/L	80				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	36	ug/L	90				0	0	
	2-Chlorophenol	40	36	ug/L	90				0	0	
	2-Methylphenol	40	35	ug/L	88				0	0	
	2,2-oxybis(1-Chloropropane)	40	36	ug/L	90				0	0	
	Acetophenone	40	36	ug/L	90				0	0	
	4-Methylphenol	40	36	ug/L	90				0	0	
	N-Nitroso-di-n-propylamine	40	37	ug/L	93				0	0	
	Hexachloroethane	40	35	ug/L	88				0	0	
	Nitrobenzene	40	35	ug/L	88				0	0	
	Isophorone	40	37	ug/L	93				0	0	
	2-Nitrophenol	40	36	ug/L	90				0	0	
	2,4-Dimethylphenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethoxy)methane	40	37	ug/L	93				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	27	ug/L	68				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	37	ug/L	93				0	0	
	4-Chloro-3-methylphenol	40	38	ug/L	95				0	0	
	1-Methylnaphthalene	40	35	ug/L	88				0	0	
	2-Methylnaphthalene	40	36	ug/L	90				0	0	
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	35	ug/L	88				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	36	ug/L	90				0	0	
	2,6-Dinitrotoluene	40	38	ug/L	95				0	0	
	Acenaphthylene	40	36	ug/L	90				0	0	
	3-Nitroaniline	40	38	ug/L	95				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	34	ug/L	85				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0	
	Diethylphthalate	40	37	ug/L	93				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164574BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	38	ug/L	95				0	0	
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	4-Bromophenyl-phenylether	40	38	ug/L	95				0	0	
	Hexachlorobenzene	40	38	ug/L	95				0	0	
	Atrazine	40	18	ug/L	45				0	0	
	Pentachlorophenol	40	31	ug/L	78				0	0	
	Phenanthrene	40	37	ug/L	93				0	0	
	Pentachlorobenzene	40	36	ug/L	90				0	0	
	Anthracene	40	36	ug/L	90				0	0	
	1,2,3,4-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	Carbazole	40	37	ug/L	93				0	0	
	Di-n-butylphthalate	40	39	ug/L	98				0	0	
	Fluoranthene	40	41	ug/L	103				0	0	
	Pyrene	40	39	ug/L	98				0	0	
	Butylbenzylphthalate	40	40	ug/L	100				0	0	
	3,3'-Dichlorobenzidine	40	36	ug/L	90				0	0	
	Benzo(a)anthracene	40	38	ug/L	95				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	41	ug/L	103				0	0	
	Di-n-octylphthalate	40	39	ug/L	98				0	0	
	Benzo(b)fluoranthene	40	39	ug/L	98				0	0	
	Benzo(k)fluoranthene	40	39	ug/L	98				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	40	36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	40	36	ug/L	90				0	0	
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164672BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	4.3	ug/L	11				0	0	
	Pyridine	40	33	ug/L	83				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	35	ug/L	88				0	0	
	2-Methylphenol	40	35	ug/L	88				0	0	
	2,2-oxybis(1-Chloropropane)	40	34	ug/L	85				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	36	ug/L	90				0	0	
	N-Nitroso-di-n-propylamine	40	36	ug/L	90				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	35	ug/L	88				0	0	
	Isophorone	40	35	ug/L	88				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethoxy)methane	40	35	ug/L	88				0	0	
	2,4-Dichlorophenol	40	37	ug/L	93				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	36	ug/L	90				0	0	
	4-Chloro-3-methylphenol	40	38	ug/L	95				0	0	
	1-Methylnaphthalene	40	34	ug/L	85				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	28	ug/L	70				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	34	ug/L	85				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	34	ug/L	85				0	0	
	4-Nitrophenol	40	37	ug/L	93				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	43	ug/L	108				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164672BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0	
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0	
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	32	ug/L	80				0	0	
	Pentachlorophenol	40	34	ug/L	85				0	0	
	Phenanthrene	40	34	ug/L	85				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	34	ug/L	85				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	36	ug/L	90				0	0	
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0	
	Benzo(a)anthracene	40	35	ug/L	88				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0	
	Di-n-octylphthalate	40	34	ug/L	85				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(a)pyrene	40	36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	37	ug/L	93				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164736BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	4.4	ug/L	11				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	36	ug/L	90				0	0	
	2-Methylphenol	40	35	ug/L	88				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	34	ug/L	85				0	0	
	4-Methylphenol	40	35	ug/L	88				0	0	
	N-Nitroso-di-n-propylamine	40	36	ug/L	90				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	35	ug/L	88				0	0	
	Isophorone	40	35	ug/L	88				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	37	ug/L	93				0	0	
	4-Chloro-3-methylphenol	40	38	ug/L	95				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0	
	2,4,6-Trichlorophenol	40	36	ug/L	90				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	36	ug/L	90				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	35	ug/L	88				0	0	
	4-Nitrophenol	40	40	ug/L	100				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0	
	4-Nitroaniline	40	45	ug/L	113				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164736BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	31	ug/L	78				0	0	
	Pentachlorophenol	40	34	ug/L	85				0	0	
	Phenanthrene	40	35	ug/L	88				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	36	ug/L	90				0	0	
	Fluoranthene	40	35	ug/L	88				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	36	ug/L	90				0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0	
	Di-n-octylphthalate	40	34	ug/L	85				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	38	ug/L	95				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AB0

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

Lab File ID: BP023018.D Lab Sample ID: P4625-08

Instrument ID: BNA_P Date Extracted: 10/31/2024

Matrix: (soil/water) Water Date Analyzed: 11/11/2024

Level: (low/med) LOW Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AB0	P4625-08	BP023018.D	11/11/2024
C0AB2	P4625-09	BP023019.D	11/11/2024
C0AB4	P4625-10	BP023020.D	11/11/2024
C0AB8	P4625-12	BP023021.D	11/11/2024
PB164574BS	PB164574BS	BP023030.D	11/12/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK672

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

Lab File ID: BP023017.D Lab Sample ID: PB164672BL

Instrument ID: BNA_P Date Extracted: 11/04/2024

Matrix: (soil/water) Water Date Analyzed: 11/11/2024

Level: (low/med) LOW Time Analyzed: 17:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164672BS	PB164672BS	BP023029.D	11/12/2024
C0AD1	P4668-01	BP023022.D	11/11/2024
C0AD4	P4668-02	BP023023.D	11/11/2024
C0AD6	P4668-03	BP023024.D	11/11/2024
C0AD8	P4668-04	BP023025.D	11/11/2024
C0AE0	P4668-05	BP023026.D	11/11/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK736

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111224 SAS No.: BP111224 SDG NO.: BP111224

Lab File ID: BP023032.D Lab Sample ID: PB164736BL

Instrument ID: BNA_P Date Extracted: 11/06/2024

Matrix: (soil/water) Water Date Analyzed: 11/12/2024

Level: (low/med) LOW Time Analyzed: 03:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AE9	P4717-06	BP023035.D	11/12/2024
PB164736BS	PB164736BS	BP023036.D	11/12/2024
C0AE6	P4717-03	BP023027.D	11/11/2024
C0AE7	P4717-04	BP023028.D	11/12/2024
C0AE5	P4717-02	BP023033.D	11/12/2024
C0AE8	P4717-05	BP023034.D	11/12/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4625-08	C0AB0	BP023018.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	7.18	18	*	20	120
			Phenol-d5	40	11.91	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.99	87		25	120
			2-Chlorophenol-d4	40	31.72	79		20	130
			4-Methylphenol-d8	40	28.01	70		25	125
			Nitrobenzene-d5	40	36.18	90		20	125
			2-Nitrophenol-d4	40	35.83	90		20	130
			2,4-Dichlorophenol-d3	40	34.16	85		20	120
			4-Chloroaniline-d4	40	21.62	54		1	146
			Dimethylphthalate-d6	40	39.69	99		25	130
			Acenaphthylene-d8	40	37.92	95		10	130
			4-Nitrophenol-d4	40	9.79	24		10	150
			Fluorene-d10	40	39.42	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.86	82		10	130
			Anthracene-d10	40	39.90	100		25	130
			Pyrene-d10	40	38.22	96		15	130
			Benzo(a)pyrene-d12	40	40.78	102		20	130
P4625-09	C0AB2	BP023019.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	3.94	10	*	20	120
			Phenol-d5	40	7.78	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.42	79		25	120
			2-Chlorophenol-d4	40	27.63	69		20	130
			4-Methylphenol-d8	40	19.41	49		25	125
			Nitrobenzene-d5	40	30.75	77		20	125
			2-Nitrophenol-d4	40	31.47	79		20	130
			2,4-Dichlorophenol-d3	40	29.13	73		20	120
			4-Chloroaniline-d4	40	24.61	62		1	146
			Dimethylphthalate-d6	40	33.93	85		25	130
			Acenaphthylene-d8	40	31.35	78		10	130
			4-Nitrophenol-d4	40	7.43	19		10	150
			Fluorene-d10	40	33.44	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.64	69		10	130
			Anthracene-d10	40	35.16	88		25	130
			Pyrene-d10	40	36.62	92		15	130
			Benzo(a)pyrene-d12	40	35.75	89		20	130
P4625-10	C0AB4	BP023020.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	5.27	13	*	20	120
			Phenol-d5	40	9.00	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.72	87		25	120
			2-Chlorophenol-d4	40	30.49	76		20	130
			4-Methylphenol-d8	40	23.16	58		25	125
			Nitrobenzene-d5	40	33.32	83		20	125
			2-Nitrophenol-d4	40	34.23	86		20	130
			2,4-Dichlorophenol-d3	40	33.95	85		20	120
			4-Chloroaniline-d4	40	23.93	60		1	146
			Dimethylphthalate-d6	40	40.43	101		25	130
			Acenaphthylene-d8	40	37.41	94		10	130
			4-Nitrophenol-d4	40	8.49	21		10	150

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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4625-10	C0AB4	BP023020.D	Fluorene-d10	40	38.36	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.27	86		10	130
			Anthracene-d10	40	40.78	102		25	130
			Pyrene-d10	40	40.08	100		15	130
			Benzo(a)pyrene-d12	40	41.48	104		20	130
P4625-12	C0AB8	BP023021.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Pyridine-d5	40	1.03	3	*	20	120
			Phenol-d5	40	6.77	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.38	46		25	120
			2-Chlorophenol-d4	40	20.25	51		20	130
			4-Methylphenol-d8	40	14.65	37		25	125
			Nitrobenzene-d5	40	17.77	44		20	125
			2-Nitrophenol-d4	40	17.33	43		20	130
			2,4-Dichlorophenol-d3	40	19.99	50		20	120
			4-Chloroaniline-d4	40	16.08	40		1	146
			Dimethylphthalate-d6	40	19.81	50		25	130
			Acenaphthylene-d8	40	18.08	45		10	130
			4-Nitrophenol-d4	40	5.89	15		10	150
			Fluorene-d10	40	19.74	49		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.83	35		10	130
			Anthracene-d10	40	20.33	51		25	130
			Pyrene-d10	40	19.66	49		15	130
			Benzo(a)pyrene-d12	40	20.28	51		20	130
PB164574BS	PB164574BS	BP023030.D	1,4-Dioxane-d8	8	6.83	85		15	120
			Pyridine-d5	40	32.83	82		20	120
			Phenol-d5	40	36.58	91		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.22	91		25	120
			2-Chlorophenol-d4	40	37.10	93		20	130
			4-Methylphenol-d8	40	36.26	91		25	125
			Nitrobenzene-d5	40	36.11	90		20	125
			2-Nitrophenol-d4	40	36.24	91		20	130
			2,4-Dichlorophenol-d3	40	37.26	93		20	120
			4-Chloroaniline-d4	40	32.98	82		1	146
			Dimethylphthalate-d6	40	36.64	92		25	130
			Acenaphthylene-d8	40	36.30	91		10	130
			4-Nitrophenol-d4	40	35.39	88		10	150
			Fluorene-d10	40	36.17	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.81	92		10	130
			Anthracene-d10	40	36.25	91		25	130
			Pyrene-d10	40	39.77	99		15	130
			Benzo(a)pyrene-d12	40	39.37	98		20	130

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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4668-01	C0AD1	BP023022.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	3.87	10	*	20	120
			Phenol-d5	40	10.49	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.74	62		25	120
			2-Chlorophenol-d4	40	25.82	65		20	130
			4-Methylphenol-d8	40	19.82	50		25	125
			Nitrobenzene-d5	40	24.34	61		20	125
			2-Nitrophenol-d4	40	24.91	62		20	130
			2,4-Dichlorophenol-d3	40	24.89	62		20	120
			4-Chloroaniline-d4	40	17.17	43		1	146
			Dimethylphthalate-d6	40	27.15	68		25	130
			Acenaphthylene-d8	40	23.88	60		10	130
			4-Nitrophenol-d4	40	7.81	20		10	150
			Fluorene-d10	40	25.86	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.50	54		10	130
			Anthracene-d10	40	26.57	66		25	130
			Pyrene-d10	40	26.58	66		15	130
			Benzo(a)pyrene-d12	40	26.44	66		20	130
P4668-02	C0AD4	BP023023.D	1,4-Dioxane-d8	8	5.40	68		15	120
			Pyridine-d5	40	7.88	20		20	120
			Phenol-d5	40	8.84	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.50	91		25	120
			2-Chlorophenol-d4	40	31.59	79		20	130
			4-Methylphenol-d8	40	21.16	53		25	125
			Nitrobenzene-d5	40	37.23	93		20	125
			2-Nitrophenol-d4	40	36.59	91		20	130
			2,4-Dichlorophenol-d3	40	33.84	85		20	120
			4-Chloroaniline-d4	40	28.57	71		1	146
			Dimethylphthalate-d6	40	38.65	97		25	130
			Acenaphthylene-d8	40	36.17	90		10	130
			4-Nitrophenol-d4	40	7.36	18		10	150
			Fluorene-d10	40	37.67	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.92	77		10	130
			Anthracene-d10	40	39.15	98		25	130
			Pyrene-d10	40	38.92	97		15	130
			Benzo(a)pyrene-d12	40	39.48	99		20	130
P4668-03	C0AD6	BP023024.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	1.32	3	*	20	120
			Phenol-d5	40	4.36	11		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.92	40		25	120
			2-Chlorophenol-d4	40	13.80	35		20	130
			4-Methylphenol-d8	40	10.21	26		25	125
			Nitrobenzene-d5	40	14.94	37		20	125
			2-Nitrophenol-d4	40	13.20	33		20	130
			2,4-Dichlorophenol-d3	40	13.58	34		20	120
			4-Chloroaniline-d4	40	20.20	51		1	146
			Dimethylphthalate-d6	40	15.65	39		25	130
			Acenaphthylene-d8	40	14.02	35		10	130
			4-Nitrophenol-d4	40	3.85	10		10	150

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

Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4668-03	C0AD6	BP023024.D	Fluorene-d10	40	15.00	37		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.29	23		10	130
			Anthracene-d10	40	15.60	39		25	130
			Pyrene-d10	40	15.50	39		15	130
			Benzo(a)pyrene-d12	40	15.68	39		20	130
P4668-04	C0AD8	BP023025.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Pyridine-d5	40	4.59	11	*	20	120
			Phenol-d5	40	5.61	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.03	73		25	120
			2-Chlorophenol-d4	40	20.20	50		20	130
			4-Methylphenol-d8	40	14.11	35		25	125
			Nitrobenzene-d5	40	29.31	73		20	125
			2-Nitrophenol-d4	40	23.71	59		20	130
			2,4-Dichlorophenol-d3	40	21.70	54		20	120
			4-Chloroaniline-d4	40	22.68	57		1	146
			Dimethylphthalate-d6	40	31.12	78		25	130
			Acenaphthylene-d8	40	29.23	73		10	130
			4-Nitrophenol-d4	40	4.79	12		10	150
			Fluorene-d10	40	30.96	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.49	51		10	130
			Anthracene-d10	40	32.68	82		25	130
			Pyrene-d10	40	32.25	81		15	130
			Benzo(a)pyrene-d12	40	33.63	84		20	130
P4668-05	C0AE0	BP023026.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	2.99	7	*	20	120
			Phenol-d5	40	7.33	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.56	79		25	120
			2-Chlorophenol-d4	40	27.24	68		20	130
			4-Methylphenol-d8	40	18.60	47		25	125
			Nitrobenzene-d5	40	31.71	79		20	125
			2-Nitrophenol-d4	40	31.13	78		20	130
			2,4-Dichlorophenol-d3	40	28.52	71		20	120
			4-Chloroaniline-d4	40	11.02	28		1	146
			Dimethylphthalate-d6	40	34.51	86		25	130
			Acenaphthylene-d8	40	32.31	81		10	130
			4-Nitrophenol-d4	40	5.49	14		10	150
			Fluorene-d10	40	34.17	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.14	68		10	130
			Anthracene-d10	40	34.51	86		25	130
			Pyrene-d10	40	35.29	88		15	130
			Benzo(a)pyrene-d12	40	35.63	89		20	130
PB164672BL	PB164672BL	BP023017.D	Pyridine-d5	40	29.10	73		20	120
			1,4-Dioxane-d8	8	6.84	86		15	120
			Phenol-d5	40	29.81	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.80	77		25	120
			2-Chlorophenol-d4	40	31.09	78		20	130
			4-Methylphenol-d8	40	29.51	74		25	125
			Nitrobenzene-d5	40	32.53	81		20	125
			2-Nitrophenol-d4	40	31.32	78		20	130

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164672BL	PB164672BL	BP023017.D	2,4-Dichlorophenol-d3	40	28.82	72		20	120
			4-Chloroaniline-d4	40	27.91	70		1	146
			Dimethylphthalate-d6	40	34.70	87		25	130
			Acenaphthylene-d8	40	32.94	82		10	130
			4-Nitrophenol-d4	40	29.47	74		10	150
			Fluorene-d10	40	33.52	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.21	68		10	130
			Anthracene-d10	40	34.04	85		25	130
			Pyrene-d10	40	34.66	87		15	130
			Benzo(a)pyrene-d12	40	33.93	85		20	130
PB164672BS	PB164672BS	BP023029.D	Pyridine-d5	40	33.00	83		20	120
			1,4-Dioxane-d8	8	7.01	88		15	120
			Phenol-d5	40	36.10	90		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.87	85		25	120
			2-Chlorophenol-d4	40	36.15	90		20	130
			4-Methylphenol-d8	40	35.92	90		25	125
			Nitrobenzene-d5	40	34.70	87		20	125
			2-Nitrophenol-d4	40	34.91	87		20	130
			2,4-Dichlorophenol-d3	40	38.83	97		20	120
			4-Chloroaniline-d4	40	28.65	72		1	146
			Dimethylphthalate-d6	40	34.63	87		25	130
			Acenaphthylene-d8	40	34.79	87		10	130
			4-Nitrophenol-d4	40	35.71	89		10	150
			Fluorene-d10	40	36.40	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.00	85		10	130
			Anthracene-d10	40	35.48	89		25	130
			Pyrene-d10	40	35.15	88		15	130
			Benzo(a)pyrene-d12	40	36.35	91		20	130

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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4717-02	C0AE5	BP023033.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Pyridine-d5	40	6.89	17	*	20	120
			Phenol-d5	40	7.22	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.70	77		25	120
			2-Chlorophenol-d4	40	26.83	67		20	130
			4-Methylphenol-d8	40	17.34	43		25	125
			Nitrobenzene-d5	40	30.86	77		20	125
			2-Nitrophenol-d4	40	31.14	78		20	130
			2,4-Dichlorophenol-d3	40	27.46	69		20	120
			4-Chloroaniline-d4	40	20.87	52		1	146
			Dimethylphthalate-d6	40	32.98	82		25	130
			Acenaphthylene-d8	40	30.21	76		10	130
			4-Nitrophenol-d4	40	7.07	18		10	150
			Fluorene-d10	40	32.32	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.95	77		10	130
			Anthracene-d10	40	37.54	94		25	130
			Pyrene-d10	40	37.61	94		15	130
			Benzo(a)pyrene-d12	40	38.53	96		20	130
P4717-03	C0AE6	BP023027.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	5.08	13	*	20	120
			Phenol-d5	40	6.24	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.39	78		25	120
			2-Chlorophenol-d4	40	25.91	65		20	130
			4-Methylphenol-d8	40	16.26	41		25	125
			Nitrobenzene-d5	40	31.10	78		20	125
			2-Nitrophenol-d4	40	30.81	77		20	130
			2,4-Dichlorophenol-d3	40	28.67	72		20	120
			4-Chloroaniline-d4	40	24.20	61		1	146
			Dimethylphthalate-d6	40	36.88	92		25	130
			Acenaphthylene-d8	40	31.54	79		10	130
			4-Nitrophenol-d4	40	5.96	15		10	150
			Fluorene-d10	40	36.14	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.59	81		10	130
			Anthracene-d10	40	39.78	99		25	130
			Pyrene-d10	40	41.44	104		15	130
			Benzo(a)pyrene-d12	40	41.26	103		20	130
P4717-04	C0AE7	BP023028.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	9.06	23		20	120
			Phenol-d5	40	9.66	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.06	100		25	120
			2-Chlorophenol-d4	40	34.84	87		20	130
			4-Methylphenol-d8	40	21.23	53		25	125
			Nitrobenzene-d5	40	39.27	98		20	125
			2-Nitrophenol-d4	40	40.29	101		20	130
			2,4-Dichlorophenol-d3	40	36.93	92		20	120
			4-Chloroaniline-d4	40	23.02	58		1	146
			Dimethylphthalate-d6	40	45.15	113		25	130
			Acenaphthylene-d8	40	39.96	100		10	130
			4-Nitrophenol-d4	40	8.82	22		10	150

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4717-04	C0AE7	BP023028.D	Fluorene-d10	40	43.19	108		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.89	95		10	130
			Anthracene-d10	40	43.81	110		25	130
			Pyrene-d10	40	46.71	117		15	130
			Benzo(a)pyrene-d12	40	43.66	109		20	130
P4717-05	C0AE8	BP023034.D	1,4-Dioxane-d8	8	6.02	75		15	120
			Pyridine-d5	40	5.46	14	*	20	120
			Phenol-d5	40	8.74	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.63	87		25	120
			2-Chlorophenol-d4	40	30.48	76		20	130
			4-Methylphenol-d8	40	20.63	52		25	125
			Nitrobenzene-d5	40	36.69	92		20	125
			2-Nitrophenol-d4	40	35.90	90		20	130
			2,4-Dichlorophenol-d3	40	34.24	86		20	120
			4-Chloroaniline-d4	40	26.41	66		1	146
			Dimethylphthalate-d6	40	40.52	101		25	130
			Acenaphthylene-d8	40	35.07	88		10	130
			4-Nitrophenol-d4	40	7.88	20		10	150
			Fluorene-d10	40	38.01	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.73	92		10	130
			Anthracene-d10	40	43.40	109		25	130
			Pyrene-d10	40	42.05	105		15	130
			Benzo(a)pyrene-d12	40	43.67	109		20	130
P4717-06	C0AE9	BP023035.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	7.67	19	*	20	120
			Phenol-d5	40	8.55	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.02	88		25	120
			2-Chlorophenol-d4	40	29.82	75		20	130
			4-Methylphenol-d8	40	21.25	53		25	125
			Nitrobenzene-d5	40	35.59	89		20	125
			2-Nitrophenol-d4	40	37.22	93		20	130
			2,4-Dichlorophenol-d3	40	33.74	84		20	120
			4-Chloroaniline-d4	40	27.85	70		1	146
			Dimethylphthalate-d6	40	42.85	107		25	130
			Acenaphthylene-d8	40	37.49	94		10	130
			4-Nitrophenol-d4	40	7.22	18		10	150
			Fluorene-d10	40	41.60	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.93	87		10	130
			Anthracene-d10	40	43.83	110		25	130
			Pyrene-d10	40	44.91	112		15	130
			Benzo(a)pyrene-d12	40	45.87	115		20	130
PB164736BL	PB164736BL	BP023032.D	Pyridine-d5	40	28.09	70		20	120
			1,4-Dioxane-d8	8	6.20	78		15	120
			Phenol-d5	40	27.10	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.49	74		25	120
			2-Chlorophenol-d4	40	29.64	74		20	130
			4-Methylphenol-d8	40	27.74	69		25	125
			Nitrobenzene-d5	40	29.80	75		20	125
			2-Nitrophenol-d4	40	29.86	75		20	130

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP111224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164736BL	PB164736BL	BP023032.D	2,4-Dichlorophenol-d3	40	26.90	67		20	120
			4-Chloroaniline-d4	40	27.59	69		1	146
			Dimethylphthalate-d6	40	31.92	80		25	130
			Acenaphthylene-d8	40	30.03	75		10	130
			4-Nitrophenol-d4	40	26.34	66		10	150
			Fluorene-d10	40	30.52	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.33	61		10	130
			Anthracene-d10	40	31.82	80		25	130
			Pyrene-d10	40	33.40	84		15	130
			Benzo(a)pyrene-d12	40	33.24	83		20	130
PB164736BS	PB164736BS	BP023036.D	1,4-Dioxane-d8	8	6.90	86		15	120
			Pyridine-d5	40	32.43	81		20	120
			Phenol-d5	40	35.65	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.83	85		25	120
			2-Chlorophenol-d4	40	36.00	90		20	130
			4-Methylphenol-d8	40	35.64	89		25	125
			Nitrobenzene-d5	40	33.00	83		20	125
			2-Nitrophenol-d4	40	34.20	86		20	130
			2,4-Dichlorophenol-d3	40	36.84	92		20	120
			4-Chloroaniline-d4	40	28.31	71		1	146
			Dimethylphthalate-d6	40	33.96	85		25	130
			Acenaphthylene-d8	40	34.04	85		10	130
			4-Nitrophenol-d4	40	35.59	89		10	150
			Fluorene-d10	40	35.64	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.02	80		10	130
			Anthracene-d10	40	34.17	85		25	130
			Pyrene-d10	40	34.08	85		15	130
			Benzo(a)pyrene-d12	40	36.15	90		20	130

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP111224

Lab Code: CHEM SAS No.: BP111224 SDG NO.: BP111224

Lab File ID: BP023015.D DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_P DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.8
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.3 (19.2) 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
SSTD020710	SSTDCCC020	BP023016.D	11/11/2024	16:22
SBLK672	PB164672BL	BP023017.D	11/11/2024	17:03
C0AB0	P4625-08	BP023018.D	11/11/2024	17:44
C0AB2	P4625-09	BP023019.D	11/11/2024	18:24
C0AB4	P4625-10	BP023020.D	11/11/2024	19:05
C0AB8	P4625-12	BP023021.D	11/11/2024	19:46
C0AD1	P4668-01	BP023022.D	11/11/2024	20:26
C0AD4	P4668-02	BP023023.D	11/11/2024	21:07
C0AD6	P4668-03	BP023024.D	11/11/2024	21:48
C0AD8	P4668-04	BP023025.D	11/11/2024	22:28
C0AE0	P4668-05	BP023026.D	11/11/2024	23:09
C0AE6	P4717-03	BP023027.D	11/11/2024	23:50
C0AE7	P4717-04	BP023028.D	11/12/2024	00:30
SLCS672	PB164672BS	BP023029.D	11/12/2024	01:11
SLCS574	PB164574BS	BP023030.D	11/12/2024	01:51
SSTD020711	SSTDCCC020	BP023031.D	11/12/2024	03:13
SBLK736	PB164736BL	BP023032.D	11/12/2024	03:53
C0AE5	P4717-02	BP023033.D	11/12/2024	04:34

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP111224

Lab Code: CHEM SAS No.: BP111224 SDG NO.: BP111224

Lab File ID: BP023015.D DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_P DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.8
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	95.2
443	15.0 - 24.0% of mass 442	18.3 (19.2) 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
C0AE8	P4717-05	BP023034.D	11/12/2024	05:14
C0AE9	P4717-06	BP023035.D	11/12/2024	05:55
SLCS736	PB164736BS	BP023036.D	11/12/2024	06:35
SSTD020712	SSTDCCC020EC	BP023037.D	11/12/2024	07:16