CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 17:49

Lab File ID: BP019960.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.523	0.010	0.4227	40.0
Benzaldehyde	0.834	1.102	0.010	32.1258	40.0
Pyridine	1.405	1.419	0.010	1.0159	40.0
Phenol	1.764	1.805	0.080	2.344	20.0
Bis(2-Chloroethyl)ether	1.428	1.475	0.100	3.3081	20.0
2-Chlorophenol	1.277	1.318	0.200	3.2768	20.0
2-Methylphenol	1.271	1.336	0.010	5.086	20.0
2,2-oxybis(1-Chloropropane)	1.964	2.076	0.010	5.7272	40.0
Acetophenone	2.105	2.277	0.060	8.1479	20.0
4-Methylphenol	1.368	1.425	0.010	4.1568	20.0
N-Nitroso-di-n-propylamine	1.174	1.261	0.050	7.4261	30.0
Hexachloroethane	0.593	0.615	0.100	3.6552	20.0
Nitrobenzene	0.437	0.465	0.050	6.5832	25.0
Isophorone	0.814	0.844	0.050	3.7086	25.0
2-Nitrophenol	0.179	0.190	0.050	6.2444	25.0
2,4-Dimethylphenol	0.390	0.402	0.050	3.0211	25.0
Bis(2-Chloroethoxy)methane	0.476	0.506	0.050	6.2584	20.0
2,4-Dichlorophenol	0.306	0.318	0.060	3.92	20.0
Naphthalene	1.026	1.069	0.200	4.161	20.0
4-Chloroaniline	0.401	0.424	0.010	5.897	40.0
Hexachlorobutadiene	0.241	0.244	0.040	0.9697	30.0
Caprolactam	0.095	0.094	0.010	-1.7263	40.0
4-Chloro-3-methylphenol	0.340	0.369	0.040	8.3253	25.0
1-Methylnaphthalene	0.683	0.725	0.100	6.1355	20.0
2-Methylnaphthalene	0.683	0.717	0.100	4.9729	20.0
Hexachlorocyclopentadiene	0.374	0.352	0.010	-5.9369	40.0
2,4,6-Trichlorophenol	0.406	0.430	0.090	5.849	25.0
2,4,5-Trichlorophenol	0.420	0.445	0.100	5.998	25.0
1,1-Biphenyl	1.448	1.506	0.200	3.9739	20.0
2-Chloronaphthalene	1.168	1.202	0.300	2.9041	20.0
2-Nitroaniline	0.368	0.385	0.050	4.6055	40.0
Dimethylphthalate	1.415	1.457	0.300	2.922	20.0
2,6-Dinitrotoluene	0.287	0.296	0.080	2.9038	30.0
Acenaphthylene	1.832	1.914	0.400	4.5029	20.0
3-Nitroaniline	0.265	0.277	0.010	4.5826	40.0
Acenaphthene	1.217	1.247	0.200	2.5085	20.0
2,4-Dinitrophenol	0.164	0.146	0.010	-10.6669	40.0
4-Nitrophenol	0.202	0.192	0.010	-4.9586	40.0
Dibenzofuran	1.653	1.699	0.300	2.8227	20.0
2,4-Dinitrotoluene	0.393	0.407	0.070	3.6822	30.0
Diethylphthalate	1.404	1.379	0.300	-1.7236	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 17:49

Lab File ID: BP019960.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.348	1.362	0.200	1.0316	20.0
4-Chlorophenyl-phenylether	0.722	0.735	0.100	1.7336	20.0
4-Nitroaniline	0.226	0.237	0.010	4.7152	40.0
4,6-Dinitro-2-methylphenol	0.127	0.124	0.010	-2.0772	40.0
N-Nitrosodiphenylamine	0.552	0.594	0.050	7.587	20.0
1,2,4,5-Tetrachlorobenzene	0.661	0.682	0.100	3.184	20.0
4-Bromophenyl-phenylether	0.217	0.231	0.070	6.569	20.0
Hexachlorobenzene	0.241	0.255	0.050	5.8819	25.0
Atrazine	0.212	0.215	0.010	1.62	25.0
Pentachlorophenol	0.141	0.141	0.010	-0.0456	40.0
Phenanthrene	1.034	1.082	0.200	4.5939	20.0
Pentachlorobenzene	0.302	0.332	0.050	9.9161	20.0
Anthracene	1.050	1.095	0.200	4.3332	20.0
1,2,3,4-Tetrachlorobenzene	0.326	0.363	0.050	11.4354	20.0
Carbazole	0.898	0.917	0.050	2.1158	40.0
Di-n-butylphthalate	1.121	1.147	0.500	2.3426	25.0
Fluoranthene	1.378	1.419	0.400	2.9576	25.0
Pyrene	1.432	1.475	0.400	2.9733	25.0
Butylbenzylphthalate	0.582	0.588	0.100	1.0555	40.0
3,3-Dichlorobenzidine	0.425	0.458	0.010	7.775	40.0
Benzo(a)anthracene	1.384	1.454	0.300	5.0765	30.0
Chrysene	1.287	1.330	0.200	3.3296	30.0
Bis(2-ethylhexyl)phthalate	0.850	0.858	0.200	0.9076	40.0
Di-n-octyl phthalate	1.268	1.262	0.010	-0.5096	40.0
Benzo(b)fluoranthene	1.173	1.229	0.200	4.85	25.0
Benzo(k)fluoranthene	1.192	1.204	0.200	1.0719	25.0
Benzo(a)pyrene	1.134	1.151	0.200	1.517	20.0
Indeno(1,2,3-cd)pyrene	1.429	1.500	0.200	4.9724	25.0
Dibenzo(a,h)anthracene	1.162	1.233	0.200	6.0677	30.0
Benzo(g,h,i)perylene	1.154	1.187	0.200	2.9034	30.0
2,3,4,6-Tetrachlorophenol	0.360	0.366	0.040	1.7165	20.0
1,4-Dioxane-d8	0.456	0.459	0.010	0.4684	25.0
Pyridine-d5	1.378	1.404	0.010	1.8337	40.0
Phenol-d5	1.687	1.730	0.010	2.5347	25.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.129	0.050	2.7743	25.0
2-Chlorophenol-d4	1.211	1.252	0.200	3.3345	20.0
4-Methylphenol-d8	1.305	1.377	0.010	5.546	20.0
Nitrobenzene-d5	0.153	0.159	0.050	3.9418	20.0
2-Nitrophenol-d4	0.172	0.181	0.050	5.5209	30.0
2,4-Dichlorophenol-d3	0.313	0.332	0.060	6.054	20.0
4-Chloroaniline-d4	0.408	0.423	0.010	3.4925	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 17:49

Lab File ID: BP019960.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.392	0.300	-0.7068	20.0
Acenaphthylene-d8	1.638	1.673	0.400	2.1073	20.0
4-Nitrophenol-d4	0.220	0.213	0.010	-3.4088	40.0
Fluorene-d10	1.195	1.201	0.100	0.5439	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.118	0.010	-1.5904	40.0
Anthracene-d10	0.885	0.923	0.300	4.2099	20.0
Pyrene-d10	1.173	1.193	0.300	1.6906	25.0
Benzo(a)pyrene-d12	0.961	0.988	0.010	2.8566	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/23/2024 1: 05:12

Lab File ID: BP019975.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.572	0.010	9.8175	50.0
Benzaldehyde	0.834	1.080	0.010	29.4328	50.0
Pyridine	1.405	1.468	0.010	4.4884	50.0
Phenol	1.764	1.769	0.080	0.2993	50.0
Bis(2-Chloroethyl)ether	1.428	1.466	0.100	2.638	50.0
2-Chlorophenol	1.277	1.312	0.200	2.7356	50.0
2-Methylphenol	1.271	1.297	0.010	2.0276	50.0
2,2-oxybis(1-Chloropropane)	1.964	2.050	0.010	4.3755	50.0
Acetophenone	2.105	2.190	0.060	4.0316	50.0
4-Methylphenol	1.368	1.392	0.010	1.7361	50.0
N-Nitroso-di-n-propylamine	1.174	1.261	0.050	7.4033	50.0
Hexachloroethane	0.593	0.627	0.100	5.8105	50.0
Nitrobenzene	0.437	0.460	0.050	5.3787	50.0
Isophorone	0.814	0.869	0.050	6.8236	50.0
2-Nitrophenol	0.179	0.188	0.050	5.1692	50.0
2,4-Dimethylphenol	0.390	0.408	0.050	4.4791	50.0
Bis(2-Chloroethoxy)methane	0.476	0.502	0.050	5.5736	50.0
2,4-Dichlorophenol	0.306	0.317	0.060	3.3034	50.0
Naphthalene	1.026	1.055	0.200	2.7958	50.0
4-Chloroaniline	0.401	0.428	0.010	6.902	50.0
Hexachlorobutadiene	0.241	0.251	0.040	4.031	50.0
Caprolactam	0.095	0.111	0.010	16.7249	50.0
4-Chloro-3-methylphenol	0.340	0.376	0.040	10.5572	50.0
1-Methylnaphthalene	0.683	0.727	0.100	6.4021	50.0
2-Methylnaphthalene	0.683	0.724	0.100	5.9859	50.0
Hexachlorocyclopentadiene	0.374	0.309	0.010	-17.3064	50.0
2,4,6-Trichlorophenol	0.406	0.402	0.090	-1.1435	50.0
2,4,5-Trichlorophenol	0.420	0.435	0.100	3.6085	50.0
1,1-Biphenyl	1.448	1.432	0.200	-1.1562	50.0
2-Chloronaphthalene	1.168	1.142	0.300	-2.2389	50.0
2-Nitroaniline	0.368	0.398	0.050	8.1514	50.0
Dimethylphthalate	1.415	1.528	0.300	7.9339	50.0
2,6-Dinitrotoluene	0.287	0.307	0.080	6.7544	50.0
Acenaphthylene	1.832	1.850	0.400	0.9993	50.0
3-Nitroaniline	0.265	0.295	0.010	11.4299	50.0
Acenaphthene	1.217	1.237	0.200	1.6331	50.0
2,4-Dinitrophenol	0.164	0.157	0.010	-4.0289	50.0
4-Nitrophenol	0.202	0.222	0.010	9.5334	50.0
Dibenzofuran	1.653	1.707	0.300	3.2968	50.0
2,4-Dinitrotoluene	0.393	0.456	0.070	15.9672	50.0
Diethylphthalate	1.404	1.545	0.300	10.0854	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/23/2024 1: 05:12

Lab File ID: BP019975.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.348	1.444	0.200	7.1068	50.0
4-Chlorophenyl-phenylether	0.722	0.754	0.100	4.3754	50.0
4-Nitroaniline	0.226	0.278	0.010	22.8273	50.0
4,6-Dinitro-2-methylphenol	0.127	0.127	0.010	-0.2877	50.0
N-Nitrosodiphenylamine	0.552	0.553	0.050	0.0449	50.0
1,2,4,5-Tetrachlorobenzene	0.661	0.634	0.100	-4.0721	50.0
4-Bromophenyl-phenylether	0.217	0.220	0.070	1.2099	50.0
Hexachlorobenzene	0.241	0.243	0.050	0.9047	50.0
Atrazine	0.212	0.225	0.010	6.5029	50.0
Pentachlorophenol	0.141	0.142	0.010	0.5058	50.0
Phenanthrene	1.034	1.057	0.200	2.2511	50.0
Pentachlorobenzene	0.302	0.286	0.050	-5.1879	50.0
Anthracene	1.050	1.080	0.200	2.8181	50.0
1,2,3,4-Tetrachlorobenzene	0.326	0.291	0.050	-10.8604	50.0
Carbazole	0.898	0.964	0.050	7.381	50.0
Di-n-butylphthalate	1.121	1.252	0.500	11.703	50.0
Fluoranthene	1.378	1.298	0.400	-5.8341	50.0
Pyrene	1.432	1.362	0.400	-4.928	50.0
Butylbenzylphthalate	0.582	0.584	0.100	0.4641	50.0
3,3-Dichlorobenzidine	0.425	0.459	0.010	8.0308	50.0
Benzo(a)anthracene	1.384	1.445	0.300	4.399	50.0
Chrysene	1.287	1.327	0.200	3.0923	50.0
Bis(2-ethylhexyl)phthalate	0.850	0.893	0.200	5.1038	50.0
Di-n-octyl phthalate	1.268	1.375	0.010	8.3648	50.0
Benzo(b)fluoranthene	1.173	1.256	0.200	7.1118	50.0
Benzo(k)fluoranthene	1.192	1.226	0.200	2.8972	50.0
Benzo(a)pyrene	1.134	1.175	0.200	3.5882	50.0
Indeno(1,2,3-cd)pyrene	1.429	1.445	0.200	1.1333	50.0
Dibenzo(a,h)anthracene	1.162	1.209	0.200	3.9985	50.0
Benzo(g,h,i)perylene	1.154	1.173	0.200	1.6403	50.0
2,3,4,6-Tetrachlorophenol	0.360	0.388	0.040	7.5838	50.0
1,4-Dioxane-d8	0.456	0.497	0.010	8.8182	50.0
Pyridine-d5	1.378	1.441	0.010	4.5496	50.0
Phenol-d5	1.687	1.718	0.010	1.8654	50.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.112	0.050	1.2195	50.0
2-Chlorophenol-d4	1.211	1.238	0.200	2.1654	50.0
4-Methylphenol-d8	1.305	1.336	0.010	2.3831	50.0
Nitrobenzene-d5	0.153	0.157	0.050	2.4948	50.0
2-Nitrophenol-d4	0.172	0.180	0.050	4.8278	50.0
2,4-Dichlorophenol-d3	0.313	0.329	0.060	5.0324	50.0
4-Chloroaniline-d4	0.408	0.439	0.010	7.5232	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/23/2024 12 05:12

Lab File ID: BP019975.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.490	0.300	6.2634	50.0
Acenaphthylene-d8	1.638	1.640	0.400	0.1176	50.0
4-Nitrophenol-d4	0.220	0.237	0.010	7.3369	50.0
Fluorene-d10	1.195	1.256	0.100	5.1373	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.118	0.010	-1.7829	50.0
Anthracene-d10	0.885	0.911	0.300	2.8912	50.0
Pyrene-d10	1.173	1.107	0.300	-5.6778	50.0
Benzo(a)pyrene-d12	0.961	1.010	0.010	5.1638	50.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 15:14

Lab File ID: BP019958.D Init. Calib. Date(s):

EPA Sample No.: SICV608 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.506	0.010	-2.78	40.0
Benzaldehyde	0.834	1.056	0.010	26.5981	40.0
Pyridine	1.405	1.327	0.010	-5.5499	40.0
Phenol	1.764	1.794	0.080	1.7534	20.0
Bis(2-Chloroethyl)ether	1.428	1.388	0.100	-2.8353	20.0
2-Chlorophenol	1.277	1.315	0.200	3.0103	20.0
2-Methylphenol	1.271	1.272	0.010	0.0519	20.0
2,2-oxybis(1-Chloropropane)	1.964	1.965	0.010	0.0546	40.0
Acetophenone	2.105	2.196	0.060	4.3137	20.0
4-Methylphenol	1.368	1.402	0.010	2.4396	20.0
N-Nitroso-di-n-propylamine	1.174	1.204	0.050	2.5453	30.0
Hexachloroethane	0.593	0.604	0.100	1.8395	20.0
Nitrobenzene	0.437	0.441	0.050	0.9887	25.0
Isophorone	0.814	0.817	0.050	0.4199	25.0
2-Nitrophenol	0.179	0.186	0.050	3.8686	25.0
2,4-Dimethylphenol	0.390	0.307	0.050	-21.2573	25.0
Bis(2-Chloroethoxy)methane	0.476	0.471	0.050	-0.9864	20.0
2,4-Dichlorophenol	0.306	0.313	0.060	2.0596	20.0
Naphthalene	1.026	1.036	0.200	0.9733	20.0
4-Chloroaniline	0.401	0.411	0.010	2.6343	40.0
Hexachlorobutadiene	0.241	0.237	0.040	-1.7227	30.0
Caprolactam	0.095	0.105	0.010	9.8039	40.0
4-Chloro-3-methylphenol	0.340	0.363	0.040	6.7464	25.0
1-Methylnaphthalene	0.683	0.657	0.100	-3.8082	20.0
2-Methylnaphthalene	0.683	0.695	0.100	1.6721	20.0
Hexachlorocyclopentadiene	0.374	0.240	0.010	-35.939	40.0
2,4,6-Trichlorophenol	0.406	0.419	0.090	3.1162	25.0
2,4,5-Trichlorophenol	0.420	0.446	0.100	6.2448	25.0
1,1-Biphenyl	1.448	1.485	0.200	2.5008	20.0
2-Chloronaphthalene	1.168	1.157	0.300	-0.9445	20.0
2-Nitroaniline	0.368	0.393	0.050	6.8135	40.0
Dimethylphthalate	1.415	1.467	0.300	3.6585	20.0
2,6-Dinitrotoluene	0.287	0.319	0.080	10.8563	30.0
Acenaphthylene	1.832	1.884	0.400	2.8364	20.0
3-Nitroaniline	0.265	0.314	0.010	18.5957	40.0
Acenaphthene	1.217	1.181	0.200	-2.9625	20.0
2,4-Dinitrophenol	0.164	0.161	0.010	-1.8331	40.0
4-Nitrophenol	0.202	0.213	0.010	5.082	40.0
Dibenzofuran	1.653	1.730	0.300	4.673	20.0
2,4-Dinitrotoluene	0.393	0.434	0.070	10.3767	30.0
Diethylphthalate	1.404	1.460	0.300	3.9933	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 15:14

Lab File ID: BP019958.D Init. Calib. Date(s):

EPA Sample No.: SICV608 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Fluorene	1.348	1.371	0.200	1.7225	20.0
4-Chlorophenyl-phenylether	0.722	0.726	0.100	0.5025	20.0
4-Nitroaniline	0.226	0.304	0.010	34.2961	40.0
4,6-Dinitro-2-methylphenol	0.127	0.119	0.010	-6.6004	40.0
N-Nitrosodiphenylamine	0.552	0.558	0.050	0.9291	20.0
1,2,4,5-Tetrachlorobenzene	0.661	0.684	0.100	3.3696	20.0
4-Bromophenyl-phenylether	0.217	0.205	0.070	-5.4904	20.0
Hexachlorobenzene	0.241	0.230	0.050	-4.5194	25.0
Atrazine	0.212	0.205	0.010	-2.958	25.0
Pentachlorophenol	0.141	0.135	0.010	-4.1063	40.0
Phenanthrene	1.034	1.008	0.200	-2.5112	20.0
Pentachlorobenzene	0.302	0.277	0.050	-8.4391	20.0
Anthracene	1.050	1.028	0.200	-2.1102	20.0
1,2,3,4-Tetrachlorobenzene	0.326	0.304	0.050	-6.8169	20.0
Carbazole	0.898	0.943	0.050	5.055	40.0
Di-n-butylphthalate	1.121	1.130	0.500	0.77	25.0
Fluoranthene	1.378	1.277	0.400	-7.3728	25.0
Pyrene	1.432	1.348	0.400	-5.9068	25.0
Butylbenzylphthalate	0.582	0.555	0.100	-4.6127	40.0
3,3-Dichlorobenzidine	0.425	0.503	0.010	18.3348	40.0
Benzo(a)anthracene	1.384	1.369	0.300	-1.0833	30.0
Chrysene	1.287	1.301	0.200	1.1138	30.0
Bis(2-ethylhexyl)phthalate	0.850	0.801	0.200	-5.7681	40.0
Di-n-octyl phthalate	1.268	1.208	0.010	-4.7685	40.0
Benzo(b)fluoranthene	1.173	1.174	0.200	0.1243	25.0
Benzo(k)fluoranthene	1.192	1.167	0.200	-2.0392	25.0
Benzo(a)pyrene	1.134	1.108	0.200	-2.3345	20.0
Indeno(1,2,3-cd)pyrene	1.429	1.427	0.200	-0.0855	25.0
Dibenzo(a,h)anthracene	1.162	1.127	0.200	-3.0246	30.0
Benzo(g,h,i)perylene	1.154	1.094	0.200	-5.1713	30.0
2,3,4,6-Tetrachlorophenol	0.360	0.387	0.040	7.506	20.0
1,4-Dioxane-d8	0.456	0.485	0.010	6.1544	25.0
Pyridine-d5	1.378	1.492	0.010	8.2756	40.0
Phenol-d5	1.687	1.766	0.010	4.6854	25.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.257	0.050	14.3611	25.0
2-Chlorophenol-d4	1.211	1.290	0.200	6.5176	20.0
4-Methylphenol-d8	1.305	1.355	0.010	3.8513	20.0
Nitrobenzene-d5	0.153	0.162	0.050	5.8685	20.0
2-Nitrophenol-d4	0.172	0.182	0.050	6.0554	30.0
2,4-Dichlorophenol-d3	0.313	0.338	0.060	8.0289	20.0
4-Chloroaniline-d4	0.408	0.441	0.010	8.0701	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: BNA_P Calibration Date/Time: 3/22/2024 1: 15:14

Lab File ID: BP019958.D Init. Calib. Date(s):

EPA Sample No.: SICV608 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.536	0.300	9.5296	20.0
Acenaphthylene-d8	1.638	1.764	0.400	7.7162	20.0
4-Nitrophenol-d4	0.220	0.246	0.010	11.8068	40.0
Fluorene-d10	1.195	1.309	0.100	9.5968	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.119	0.010	-0.5726	40.0
Anthracene-d10	0.885	0.929	0.300	4.8772	20.0
Pyrene-d10	1.173	1.176	0.300	0.2591	25.0
Benzo(a)pyrene-d12	0.961	1.022	0.010	6.3568	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BP032224
Lab Sample ID:	PB159721BL			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
BP019959.D	1	3/21/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159721

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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BP032224
Lab Sample ID:	PB159721BL			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
BP019959.D	1	3/21/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BP032224
Lab Sample ID:	PB159721BL			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
BP019959.D	1	3/21/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.616		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	31.279		20-120		78	SPK: -40
4165-62-2	Phenol-d5	32.452		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.662		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.221		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	32.825		25-125		82	SPK: -40
4165-60-0	Nitrobenzene-d5	33.184		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.653		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.702		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.27		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.332		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.503		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.764		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.924		25-125		82	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.474		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	33.394		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.258		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.546		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155186	7.575				
1146-65-2	Naphthalene-d8	639510	10.34				
15067-26-2	Acenaphthene-d10	400140	14.24				
1517-22-2	Phenanthrene-d10	780437	17.087				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BP032224
Lab Sample ID:	PB159721BL			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
BP019959.D	1	3/21/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	694005	21.563				
1520-96-3	Perylene-d12	812695	24.869				
TENTATIVE IDENTIFIED COMPOUNDS							
000149-30-4	2-Mercaptobenzothiazole	4.1	J			18.398	
000110-34-9	Hexadecanoic acid, 2-methylpropyl	8.3	J			19.292	
	(DEL) Alkane: Straight-Chain19.663	3.1	J			19.663	
000646-13-9	Octadecanoic acid, 2-methylpropyl	4.7	J			20.439	
000123-95-5	Octadecanoic acid, butyl ester	20	J			20.657	
	(DEL) Alkane: Straight-Chain20.722	3.6	J			20.722	
	(DEL) Alkane: Straight-Chain21.245	3	J			21.245	
	(DEL) Alkane: Straight-Chain21.816	4.5	J			21.816	
	(DEL) Alkane: Straight-Chain22.457	4.4	J			22.457	
	(DEL) Alkane: Straight-Chain23.186	5.8	J			23.186	
	(DEL) Alkane: Straight-Chain24.039	5.9	J			24.039	
E966796	Total Alkanes	30				99	ug/L

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK744			SDG No.:	BP032224
Lab Sample ID:	PB159744BL			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
BP019961.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK744			SDG No.:	BP032224
Lab Sample ID:	PB159744BL			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
BP019961.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK744			SDG No.:	BP032224
Lab Sample ID:	PB159744BL			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
BP019961.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.145		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	27.378		20-120		68	SPK: -40
4165-62-2	Phenol-d5	29.416		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.937		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.633		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.571		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.001		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.014		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.972		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.526		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.897		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.367		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.148		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	30.527		25-125		76	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.411		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	32.178		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	31.101		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.14		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98564	7.616				
1146-65-2	Naphthalene-d8	390929	10.375				
15067-26-2	Acenaphthene-d10	250033	14.251				
1517-22-2	Phenanthrene-d10	522775	17.087				

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK744			SDG No.:	BP032224
Lab Sample ID:	PB159744BL			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
BP019961.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	482512	21.545				
1520-96-3	Perylene-d12	565391	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/22/2024 12:00:00 AM
Project:		Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK746	SDG No.:	BP032224
Lab Sample ID:	PB159746BL	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
BP019962.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

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

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK746			SDG No.:	BP032224
Lab Sample ID:	PB159746BL			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
BP019962.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK746			SDG No.:	BP032224
Lab Sample ID:	PB159746BL			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
BP019962.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	7.974		15-120		100	SPK: -8
7291-22-7	Pyridine-d5	33.071		20-120		83	SPK: -40
4165-62-2	Phenol-d5	35.451		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.709		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.972		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	35.026		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	36.167		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.696		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.753		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.162		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.367		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	36.426		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.859		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	37.741		25-125		94	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.821		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	39.346		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	36.631		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.614		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91015	7.611				
1146-65-2	Naphthalene-d8	353856	10.375				
15067-26-2	Acenaphthene-d10	230888	14.257				
1517-22-2	Phenanthrene-d10	499695	17.092				

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Report of Analysis

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Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SBLK746			SDG No.:	BP032224
Lab Sample ID:	PB159746BL			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
BP019962.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	500815	21.551				
1520-96-3	Perylene-d12	569655	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX8			SDG No.:	BP032224
Lab Sample ID:	P1813-10			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
BP019963.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX8			SDG No.:	BP032224
Lab Sample ID:	P1813-10			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
BP019963.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX8			SDG No.:	BP032224
Lab Sample ID:	P1813-10			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
BP019963.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.963		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	10.511		20-120		26	SPK: -40
4165-62-2	Phenol-d5	6.722		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.102		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.038		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	16.394		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	33.193		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.654		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.47		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.873		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.164		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.249		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.585		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	38.355		25-125		96	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.067		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	40.773		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	39.849		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.489		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96893	7.622				
1146-65-2	Naphthalene-d8	383496	10.375				
15067-26-2	Acenaphthene-d10	232931	14.239				
1517-22-2	Phenanthrene-d10	448770	17.08				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX8			SDG No.:	BP032224
Lab Sample ID:	P1813-10			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
BP019963.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	402781	21.545				
1520-96-3	Perylene-d12	472761	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	5.6	J			18.033	
000057-11-4	Octadecanoic acid	2	J			19.38	
1010348-57-1	Fumaric acid, 2-chloropropyl tride	3.5	J			21.227	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX9			SDG No.:	BP032224
Lab Sample ID:	P1813-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019964.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX9			SDG No.:	BP032224
Lab Sample ID:	P1813-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019964.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX9			SDG No.:	BP032224
Lab Sample ID:	P1813-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019964.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.314		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	13.008		20-120		33	SPK: -40
4165-62-2	Phenol-d5	8.678		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.437		25-120		101	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.083		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	20.337		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	39.868		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.534		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.724		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.109		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.112		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	40.61		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.333		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	42.08		25-125		105	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.429		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	41.187		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	39.945		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.397		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103848	7.622				
1146-65-2	Naphthalene-d8	430613	10.369				
15067-26-2	Acenaphthene-d10	280661	14.245				
1517-22-2	Phenanthrene-d10	606379	17.081				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX9			SDG No.:	BP032224
Lab Sample ID:	P1813-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019964.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	584138	21.551				
1520-96-3	Perylene-d12	695954	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.4	J			8.969	
1000197-39-9	2-Amino-4-methylbut-2-enenitrile	2.1	J			11.093	
000098-54-4	Phenol, p-tert-butyl-	2.2	J			11.722	
	unknown-02	2.1	J			11.916	
000098-73-7	Benzoic acid, p-tert-butyl-	2.4	J			14.081	
001077-56-1	Benzenesulfonamide, N-ethyl-2-meth	3.8	J			15.816	
000057-10-3	n-Hexadecanoic acid	4.7	J			18.039	
018992-03-5	Bromoacetic acid, octadecyl ester	2.9	J			21.233	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY0			SDG No.:	BP032224
Lab Sample ID:	P1813-12			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
BP019965.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY0			SDG No.:	BP032224
Lab Sample ID:	P1813-12			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
BP019965.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY0			SDG No.:	BP032224
Lab Sample ID:	P1813-12			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
BP019965.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	4.946		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.027	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.279		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.013	*	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.338	*	25-125		1	SPK: -40
4165-60-0	Nitrobenzene-d5	29.651		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.005	*	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.003	*	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.006	*	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.522		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	24.796		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.014	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.425		25-125		84	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.006	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	32.421		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.45		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.102		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98144	7.622				
1146-65-2	Naphthalene-d8	408329	10.381				
15067-26-2	Acenaphthene-d10	301580	14.257				
1517-22-2	Phenanthrene-d10	676551	17.075				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY0			SDG No.:	BP032224
Lab Sample ID:	P1813-12			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
BP019965.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	636110	21.539				
1520-96-3	Perylene-d12	679100	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.9	J			18.033	
077899-03-7	1-Heneicosyl formate	4.1	J			21.221	
E966796	Total Alkanes	1.1	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY1			SDG No.:	BP032224
Lab Sample ID:	P1813-13			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
BP019966.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY1			SDG No.:	BP032224
Lab Sample ID:	P1813-13			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
BP019966.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY1			SDG No.:	BP032224
Lab Sample ID:	P1813-13			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
BP019966.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.33		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	16.563		20-120		41	SPK: -40
4165-62-2	Phenol-d5	0.028	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.084		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.004	*	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.445	*	25-125		1	SPK: -40
4165-60-0	Nitrobenzene-d5	34.065		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.018	*	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.016	*	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.663		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.599		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.98		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.018	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	37.92		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.004	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	42.246		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	39.377		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.777		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98712	7.622				
1146-65-2	Naphthalene-d8	383544	10.369				
15067-26-2	Acenaphthene-d10	247698	14.263				
1517-22-2	Phenanthrene-d10	515964	17.075				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY1			SDG No.:	BP032224
Lab Sample ID:	P1813-13			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
BP019966.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	504104	21.551				
1520-96-3	Perylene-d12	590263	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000506-51-4	n-Tetracosanol-1	4.1	J			21.221	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY2			SDG No.:	BP032224
Lab Sample ID:	P1813-14			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
BP019967.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY2			SDG No.:	BP032224
Lab Sample ID:	P1813-14			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
BP019967.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY2			SDG No.:	BP032224
Lab Sample ID:	P1813-14			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
BP019967.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.954		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	11.316		20-120		28	SPK: -40
4165-62-2	Phenol-d5	7.142		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.674		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.632		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	17.548		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	33.924		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.609		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.233		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.309		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.825		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	36.36		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.506		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	38.655		25-125		97	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.199		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	40.114		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.648		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.379		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112777	7.622				
1146-65-2	Naphthalene-d8	460474	10.375				
15067-26-2	Acenaphthene-d10	299328	14.24				
1517-22-2	Phenanthrene-d10	614940	17.069				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LY2			SDG No.:	BP032224
Lab Sample ID:	P1813-14			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
BP019967.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	558361	21.539				
1520-96-3	Perylene-d12	657622	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.5	J			18.022	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY3	SDG No.:	BP032224
Lab Sample ID:	P1813-15	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
BP019968.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

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
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

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY3			SDG No.:	BP032224
Lab Sample ID:	P1813-15			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
BP019968.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY3			SDG No.:	BP032224
Lab Sample ID:	P1813-15			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
BP019968.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.226		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	12.587		20-120		31	SPK: -40
4165-62-2	Phenol-d5	8.197		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.504		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.484		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	20.135		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	36.538		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.228		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.62		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.507		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.443		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	40.958		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.452		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	41.719		25-125		104	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.117		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	42.87		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	42.994		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.985		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105164	7.616				
1146-65-2	Naphthalene-d8	435621	10.363				
15067-26-2	Acenaphthene-d10	276312	14.251				
1517-22-2	Phenanthrene-d10	549964	17.069				

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY3			SDG No.:	BP032224
Lab Sample ID:	P1813-15			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
BP019968.D	1	3/22/2024 12:00:00 AM	3/22/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	464701	21.545				
1520-96-3	Perylene-d12	544150	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK3			SDG No.:	BP032224
Lab Sample ID:	P1841-01			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
BP019969.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK3			SDG No.:	BP032224
Lab Sample ID:	P1841-01			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
BP019969.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK3			SDG No.:	BP032224
Lab Sample ID:	P1841-01			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
BP019969.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.249		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	10.209		20-120		26	SPK: -40
4165-62-2	Phenol-d5	6.342		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.986		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.686		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	16.065		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	36.725		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.18		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.578		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.095		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.134		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	38.559		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.411		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	42.574		25-125		106	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.387		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	43.638		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	39.964		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.959		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95617	7.628				
1146-65-2	Naphthalene-d8	373776	10.369				
15067-26-2	Acenaphthene-d10	245889	14.257				
1517-22-2	Phenanthrene-d10	545085	17.063				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK3			SDG No.:	BP032224
Lab Sample ID:	P1841-01			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
BP019969.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	559110	21.551				
1520-96-3	Perylene-d12	635112	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK4			SDG No.:	BP032224
Lab Sample ID:	P1841-02			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
BP019970.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	J	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	4.6	J	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	9.7	J	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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK4			SDG No.:	BP032224
Lab Sample ID:	P1841-02			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
BP019970.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK4			SDG No.:	BP032224
Lab Sample ID:	P1841-02			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
BP019970.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.954		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	11.06		20-120		28	SPK: -40
4165-62-2	Phenol-d5	7.794		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.925		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.556		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	19.5		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	38.635		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.095		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.734		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.543		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	44.02		25-130		110	SPK: -40
93951-97-4	Acenaphthylene-d8	39.541		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.5		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	41.934		25-125		105	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.86		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	45.222		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	48.134		15-130		120	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.532		20-130		116	SPK: -40

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	112178	7.622
1146-65-2	Naphthalene-d8	482702	10.369
15067-26-2	Acenaphthene-d10	340495	14.257
1517-22-2	Phenanthrene-d10	678496	17.075

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK4			SDG No.:	BP032224
Lab Sample ID:	P1841-02			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
BP019970.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	507030	21.545				
1520-96-3	Perylene-d12	522699	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	7.7	J			16.316	
022750-87-4	2,3-Dimethyl-4-biphenylamine	68	J			17.475	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/21/2024 12:00:00 AM
Project:		Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK7	SDG No.:	BP032224
Lab Sample ID:	P1841-03	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
BP019971.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	14		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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK7			SDG No.:	BP032224
Lab Sample ID:	P1841-03			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
BP019971.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK7			SDG No.:	BP032224
Lab Sample ID:	P1841-03			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
BP019971.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.202		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	6.256	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.678		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.829		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.566		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	16.766		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	35.634		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.15		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.232		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.864		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.236		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.511		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.822		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	38.104		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.532		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	39.859		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	40.403		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.184		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101025	7.622				
1146-65-2	Naphthalene-d8	413023	10.369				
15067-26-2	Acenaphthene-d10	273547	14.257				
1517-22-2	Phenanthrene-d10	577303	17.069				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK7			SDG No.:	BP032224
Lab Sample ID:	P1841-03			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
BP019971.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	491817	21.551				
1520-96-3	Perylene-d12	540920	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
003694-57-3	4-Methoxybenzyl isothiocyanate	4.8	J			8.71	
000080-43-3	Dicumyl peroxide	2.1	J			17.974	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK9			SDG No.:	BP032224
Lab Sample ID:	P1841-04			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
BP019972.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK9			SDG No.:	BP032224
Lab Sample ID:	P1841-04			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
BP019972.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK9			SDG No.:	BP032224
Lab Sample ID:	P1841-04			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
BP019972.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.175		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	4.334	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	6.508		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.658		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.756		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	15.512		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	35.284		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.609		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.481		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.785		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.04		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	36.082		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.788		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	39.79		25-125		99	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.276		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	42.585		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	38.671		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.425		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97244	7.622				
1146-65-2	Naphthalene-d8	388554	10.363				
15067-26-2	Acenaphthene-d10	268978	14.257				
1517-22-2	Phenanthrene-d10	608944	17.069				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	C0AK9			SDG No.:	BP032224
Lab Sample ID:	P1841-04			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
BP019972.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	616885	21.551				
1520-96-3	Perylene-d12	684368	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/22/2024 12:00:00 AM
Project:		Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP032224
Lab Sample ID:	PB159744BS	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
BP019973.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159744

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	35		1.1	5	10	ug/L
110-86-1	Pyridine	33		1.7	10	10	ug/L
108-95-2	Phenol	38		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	38		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	38		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	38		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		1.9	5	10	ug/L
98-86-2	Acetophenone	38		1.5	5	10	ug/L
106-44-5	4-Methylphenol	38		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	38		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	38		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	39		1.4	2.5	5	ug/L
78-59-1	Isophorone	38		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		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	39		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	38		1.1	2.5	5	ug/L
91-20-3	Naphthalene	37		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	38		1.5	2.5	5	ug/L
105-60-2	Caprolactam	39		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	37		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	36		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39		1.6	2.5	5	ug/L
92-52-4	1,1-Biphenyl	37		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	37		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS744			SDG No.:	BP032224
Lab Sample ID:	PB159744BS			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
BP019973.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	38		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	38		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	37		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	39		1.4	5	10	ug/L
132-64-9	Dibenzofuran	37		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	38		1.3	2.5	5	ug/L
86-73-7	Fluorene	38		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		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	39		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	39		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	39		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	39		1.2	2.5	5	ug/L
1912-24-9	Atrazine	14		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	35		1.9	5	10	ug/L
85-01-8	Phenanthrene	38		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	38		1.7	2.5	5	ug/L
120-12-7	Anthracene	38		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	39		1.7	2.5	5	ug/L
86-74-8	Carbazole	38		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	40		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	39		1.9	5	5	ug/L
129-00-0	Pyrene	39		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	39		1.1	2.5	5	ug/L
218-01-9	Chrysene	40		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40		3	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	3/22/2024 12:00:00 AM
Project:		Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP032224
Lab Sample ID:	PB159744BS	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
BP019973.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	40		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	40		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	39		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	41		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.29		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	33.365		20-120		83	SPK: -40
4165-62-2	Phenol-d5	37.541		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.666		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.435		20-130		94	SPK: -40
190780-66-6	4-Methylphenol-d8	37.52		25-125		94	SPK: -40
4165-60-0	Nitrobenzene-d5	38.137		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.788		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.238		20-120		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.682		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.457		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.119		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.619		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	36.934		25-125		92	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.34		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	38.114		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	38.37		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.495		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119953	7.622				
1146-65-2	Naphthalene-d8	477176	10.375				
15067-26-2	Acenaphthene-d10	299289	14.257				
1517-22-2	Phenanthrene-d10	583948	17.075				

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS744			SDG No.:	BP032224
Lab Sample ID:	PB159744BS			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
BP019973.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	495120	21.545				
1520-96-3	Perylene-d12	577424	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/22/2024 12:00:00 AM
Project:		Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BP032224
Lab Sample ID:	PB159746BS	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
BP019974.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

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	34		1.1	5	10	ug/L
110-86-1	Pyridine	34		1.7	10	10	ug/L
108-95-2	Phenol	37		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	37		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	37		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	38		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37		1.9	5	10	ug/L
98-86-2	Acetophenone	38		1.5	5	10	ug/L
106-44-5	4-Methylphenol	37		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	38		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	38		1.4	2.5	5	ug/L
78-59-1	Isophorone	37		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	35		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	37		1.1	2.5	5	ug/L
91-20-3	Naphthalene	37		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.5	2.5	5	ug/L
105-60-2	Caprolactam	39		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	40		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	36		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	35		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	38		1.6	2.5	5	ug/L
92-52-4	1,1-Biphenyl	36		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS746			SDG No.:	BP032224
Lab Sample ID:	PB159746BS			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
BP019974.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	38		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	37		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.6	5	10	ug/L
83-32-9	Acenaphthene	36		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	38		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	41		1.4	5	10	ug/L
132-64-9	Dibenzofuran	37		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	39		1.3	2.5	5	ug/L
86-73-7	Fluorene	37		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	38		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	37		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	37		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.9	5	10	ug/L
85-01-8	Phenanthrene	37		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.7	2.5	5	ug/L
120-12-7	Anthracene	37		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.7	2.5	5	ug/L
86-74-8	Carbazole	38		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.9	5	5	ug/L
129-00-0	Pyrene	36		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	37		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	38		1.1	2.5	5	ug/L
218-01-9	Chrysene	38		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37		3	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	3/22/2024 12:00:00 AM
Project:		Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BP032224
Lab Sample ID:	PB159746BS	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
BP019974.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	38		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	39		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	39		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	35		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.238		15-120		90	SPK: -8
7291-22-7	Pyridine-d5	33.328		20-120		83	SPK: -40
4165-62-2	Phenol-d5	37.229		10-130		93	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.751		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.75		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	37.156		25-125		93	SPK: -40
4165-60-0	Nitrobenzene-d5	37.616		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.954		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.223		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.225		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.038		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.861		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.179		10-150		100	SPK: -40
81103-79-9	Fluorene-d10	37.051		25-125		93	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.74		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	36.934		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	35.374		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.285		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114060	7.616				
1146-65-2	Naphthalene-d8	458192	10.375				
15067-26-2	Acenaphthene-d10	291722	14.257				
1517-22-2	Phenanthrene-d10	610458	17.081				

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Report of Analysis

Client:				Date Collected:	3/22/2024 12:00:00 AM
Project:				Date Received:	3/22/2024 12:00:00 AM
Client Sample ID:	SLCS746			SDG No.:	BP032224
Lab Sample ID:	PB159746BS			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
BP019974.D	1	3/22/2024 12:00:00 AM	3/23/2024 12:00:00 AM	PB159746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	581381	21.557				
1520-96-3	Perylene-d12	675913	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP032224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E0LX8									
P1813-10	E0LX8	Water	Fumaric acid, 2-chloropropyl tride	*	3.500	J			
P1813-10	E0LX8	Water	n-Hexadecanoic acid	*	5.600	J			
P1813-10	E0LX8	Water	Octadecanoic acid	*	2.000	J			
P1813-10	E0LX8	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :			**11.10**			
			Total Concentration:			**11.10**			
Client ID : E0LX9									
P1813-11	E0LX9	Water	2-Amino-4-methylbut-2-enenitrile	*	2.100	J			
P1813-11	E0LX9	Water	Benzenesulfonamide, N-ethyl-2-n	*	3.800	J			
P1813-11	E0LX9	Water	Benzoic acid, p-tert-butyl-	*	2.400	J			
P1813-11	E0LX9	Water	Bromoacetic acid, octadecyl ester	*	2.900	J			
P1813-11	E0LX9	Water	n-Hexadecanoic acid	*	4.700	J			
P1813-11	E0LX9	Water	Phenol, p-tert-butyl-	*	2.200	J			
P1813-11	E0LX9	Water	unknown-01	*	2.400	J			
P1813-11	E0LX9	Water	unknown-02	*	2.100	J			
P1813-11	E0LX9	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**22.60**			
			Total Concentration:			**22.60**			
Client ID : E0LY0									
P1813-12	E0LY0	Water	1-Heneicosyl formate	*	4.100	J			
P1813-12	E0LY0	Water	n-Hexadecanoic acid	*	4.900	J			
P1813-12	E0LY0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**9.00**			
			Total Concentration:			**9.00**			
Client ID : E0LY1									
P1813-13	E0LY1	Water	n-Tetracosanol-1	*	4.100	J			
P1813-13	E0LY1	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :			**4.10**			
			Total Concentration:			**4.10**			
Client ID : E0LY2									
P1813-14	E0LY2	Water	n-Hexadecanoic acid	*	2.500	J			
P1813-14	E0LY2	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :			**2.50**			
			Total Concentration:			**2.50**			
Client ID : E0LY3									
P1813-15	E0LY3	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :			**0.00**			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BP032224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				**0.00**		
Client ID :	**C0AK3**								
P1841-01	C0AK3	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
P1841-01	C0AK3	Water	1,4-Dioxane		1.900	J	0.36	2	ug/L
			Total Svoc :				**1.90**		
			Total Concentration:				**1.90**		
Client ID :	**C0AK4**								
P1841-02	C0AK4	Water	2,3-Dimethyl-4-biphenylamine	*	68.000	J			
P1841-02	C0AK4	Water	Phenol, 4-(1-methyl-1-phenylethy	*	7.700	J			
P1841-02	C0AK4	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**75.70**		
P1841-02	C0AK4	Water	1,4-Dioxane		1.800	J	0.35	2	ug/L
P1841-02	C0AK4	Water	Acetophenone		9.700	J	1.5	10	ug/L
P1841-02	C0AK4	Water	Phenol		4.600	J	1.6	10	ug/L
			Total Svoc :				**16.10**		
			Total Concentration:				**91.80**		
Client ID :	**C0AK7**								
P1841-03	C0AK7	Water	4-Methoxybenzyl isothiocyanate	*	4.800	J			
P1841-03	C0AK7	Water	Dicumyl peroxide	*	2.100	J			
P1841-03	C0AK7	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**6.90**		
P1841-03	C0AK7	Water	1,4-Dioxane		1.200	J	0.35	2	ug/L
P1841-03	C0AK7	Water	Acetophenone		14.000		1.5	10	ug/L
			Total Svoc :				**15.20**		
			Total Concentration:				**22.10**		
Client ID :	**C0AK9**								
P1841-04	C0AK9	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.535	0.528	0.522	0.504	0.515		0.521	2.3
Benzaldehyde		0.986	1.073	0.957	0.654	0.502	0.834	29.2
Pyridine		1.336	1.441	1.423	1.419	1.405	1.405	2.9
Hexachloroethane	0.568	0.594	0.614	0.604	0.584		0.593	3.0
Nitrobenzene	0.408	0.425	0.454	0.451	0.446		0.437	4.5
Isophorone	0.764	0.817	0.846	0.862	0.780		0.814	5.1
2-Nitrophenol	0.159	0.169	0.188	0.190	0.187		0.179	7.8
2,4-Dimethylphenol	0.371	0.384	0.401	0.405	0.392		0.390	3.6
Bis(2-Chloroethoxy)methane	0.444	0.468	0.497	0.499	0.473		0.476	4.8
2,4-Dichlorophenol	0.290	0.300	0.316	0.320	0.307		0.306	4.0
Naphthalene	1.005	1.029	1.063	1.031	1.002		1.026	2.4
4-Chloroaniline		0.405	0.412	0.417	0.384	0.386	0.401	3.7
Hexachlorobutadiene	0.237	0.235	0.249	0.242	0.245		0.241	2.5
Phenol		1.670	1.773	1.844	1.772	1.758	1.764	3.5
Caprolactam		0.098	0.094	0.102	0.085	0.097	0.095	6.5
4-Chloro-3-methylphenol	0.300	0.347	0.350	0.375	0.331		0.340	8.1
1-Methylnaphthalene	0.661	0.686	0.708	0.710	0.651		0.683	3.9
2-Methylnaphthalene	0.668	0.697	0.695	0.706	0.650		0.683	3.4
Hexachlorocyclopentadiene		0.242	0.353	0.383	0.451	0.443	0.374	22.6
2,4,6-Trichlorophenol	0.371	0.384	0.423	0.426	0.427		0.406	6.5
2,4,5-Trichlorophenol	0.365	0.391	0.450	0.447	0.449		0.420	9.5
1,1-Biphenyl	1.425	1.391	1.523	1.448	1.455		1.448	3.4
2-Chloronaphthalene	1.165	1.123	1.207	1.167	1.179		1.168	2.6
2-Nitroaniline	0.319	0.351	0.392	0.396	0.382		0.368	8.9
Bis(2-Chloroethyl)ether		1.406	1.442	1.515	1.406	1.371	1.428	3.8
Dimethylphthalate	1.351	1.482	1.475	1.432	1.336		1.415	4.8
2,6-Dinitrotoluene	0.260	0.284	0.296	0.307	0.290		0.287	6.1
Acenaphthylene	1.794	1.797	1.918	1.858	1.793		1.832	3.0
3-Nitroaniline		0.258	0.289	0.276	0.247	0.253	0.265	6.5
Acenaphthene	1.214	1.208	1.267	1.223	1.173		1.217	2.8
2,4-Dinitrophenol		0.123	0.150	0.175	0.173	0.197	0.164	17.2
4-Nitrophenol		0.174	0.204	0.207	0.204	0.222	0.202	8.7
Dibenzofuran	1.648	1.676	1.724	1.648	1.568		1.653	3.4
2,4-Dinitrotoluene	0.347	0.408	0.415	0.406	0.388		0.393	7.0
Diethylphthalate	1.342	1.489	1.471	1.416	1.300		1.404	5.8
2-Chlorophenol	1.189	1.269	1.319	1.328	1.278		1.277	4.3

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.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.337	1.412	1.419	1.336	1.236		1.348	5.5
4-Chlorophenyl-phenylether	0.725	0.733	0.746	0.727	0.678		0.722	3.6
4-Nitroaniline		0.245	0.253	0.232	0.198	0.202	0.226	11.1
4,6-Dinitro-2-methylphenol		0.109	0.125	0.131	0.134	0.137	0.127	8.7
N-Nitrosodiphenylamine	0.525	0.539	0.568	0.577	0.552		0.552	3.8
1,2,4,5-Tetrachlorobenzene	0.630	0.619	0.696	0.664	0.696		0.661	5.4
4-Bromophenyl-phenylether	0.201	0.210	0.220	0.230	0.225		0.217	5.4
Hexachlorobenzene	0.232	0.236	0.245	0.249	0.243		0.241	2.8
Atrazine		0.216	0.218	0.213	0.210	0.201	0.212	3.1
Pentachlorophenol		0.122	0.137	0.146	0.149	0.152	0.141	8.6
2-Methylphenol		1.182	1.283	1.383	1.258	1.251	1.271	5.7
Phenanthrene	1.020	1.035	1.073	1.033	1.009		1.034	2.4
Pentachlorobenzene	0.293	0.277	0.304	0.319	0.318		0.302	5.8
Anthracene	1.018	1.066	1.082	1.052	1.031		1.050	2.4
1,2,3,4-Tetrachlorobenzene	0.310	0.290	0.327	0.339	0.364		0.326	8.6
Carbazole		0.930	0.943	0.881	0.880	0.854	0.898	4.2
Di-n-butylphthalate	0.983	1.205	1.231	1.123	1.131	1.053	1.121	8.2
Fluoranthene	1.314	1.275	1.362	1.642	1.299		1.378	10.9
Pyrene	1.362	1.349	1.436	1.660	1.355		1.432	9.2
Butylbenzylphthalate	0.517	0.573	0.618	0.640	0.560		0.582	8.3
3,3-Dichlorobenzidine		0.456	0.478	0.421	0.408	0.365	0.425	10.3
2,2-oxybis(1-Chloropropane)		1.973	1.998	2.105	1.912	1.832	1.964	5.2
Benzo(a)anthracene	1.339	1.355	1.422	1.421	1.383		1.384	2.7
Chrysene	1.238	1.277	1.313	1.318	1.288		1.287	2.5
Bis(2-ethylhexyl)phthalate	0.757	0.874	0.910	0.884	0.826		0.850	7.1
Di-n-octyl phthalate		1.336	1.355	1.355	1.200	1.097	1.268	9.1
Benzo(b)fluoranthene	1.121	1.172	1.215	1.193	1.161		1.173	3.0
Benzo(k)fluoranthene	1.142	1.194	1.218	1.212	1.193		1.192	2.5
Benzo(a)pyrene	1.093	1.126	1.167	1.149	1.136		1.134	2.4
Indeno(1,2,3-cd)pyrene	1.377	1.379	1.473	1.455	1.459		1.429	3.3
Dibenzo(a,h)anthracene	1.113	1.079	1.236	1.200	1.182		1.162	5.5
Benzo(g,h,i)perylene	1.118	1.101	1.188	1.169	1.194		1.154	3.6
Acetophenone		2.095	2.140	2.298	2.001	1.991	2.105	5.9
2,3,4,6-Tetrachlorophenol	0.333	0.367	0.377	0.369	0.356		0.360	4.8
1,4-Dioxane-d8	0.411	0.481	0.487	0.453	0.451		0.456	6.6
Pyridine-d5		1.307	1.400	1.386	1.401	1.398	1.378	2.9

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.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.583	1.698	1.776	1.683	1.694	1.687	4.1
Bis-(2-Chloroethyl)ether-d8		1.095	1.122	1.145	1.084	1.049	1.099	3.3
2-Chlorophenol-d4	1.125	1.196	1.251	1.267	1.217		1.211	4.6
4-Methylphenol-d8		1.250	1.311	1.409	1.277	1.277	1.305	4.8
Nitrobenzene-d5	0.142	0.148	0.158	0.158	0.160		0.153	5.0
2-Nitrophenol-d4	0.151	0.160	0.179	0.184	0.183		0.172	8.7
2,4-Dichlorophenol-d3	0.281	0.308	0.328	0.332	0.317		0.313	6.4
4-Chloroaniline-d4		0.409	0.423	0.429	0.386	0.395	0.408	4.4
4-Methylphenol		1.305	1.379	1.489	1.333	1.336	1.368	5.3
Dimethylphthalate-d6	1.379	1.454	1.442	1.428	1.308		1.402	4.3
Acenaphthylene-d8	1.608	1.601	1.698	1.653	1.629		1.638	2.4
4-Nitrophenol-d4		0.190	0.226	0.227	0.221	0.238	0.220	8.1
Fluorene-d10	1.168	1.241	1.248	1.198	1.118		1.195	4.5
4,6-Dinitro-2-methylphenol-		0.101	0.117	0.123	0.127	0.130	0.120	9.6
Anthracene-d10	0.837	0.900	0.923	0.896	0.871		0.885	3.7
Pyrene-d10	1.128	1.105	1.176	1.355	1.102		1.173	9.0
Benzo(a)pyrene-d12	0.900	0.959	0.992	0.980	0.973		0.961	3.7
N-Nitroso-di-n-propylamine	1.112	1.176	1.170	1.315	1.097		1.174	7.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

EPA Sample No.: SSTD020604 Date Analyzed: Mar 22 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 15:14

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	141207	7.622	547983	10.38	335616	14.26
	UPPER LIMIT	282414	8.122	1095966	10.881	671232	14.763
	LOWER LIMIT	70603.5	7.122	273991.5	9.881	167808	13.763
	EPA SAMPLE NO.						
01	SICV608	104053	7.58	414333	10.35	264737	14.25
02	SBLK721	155186	7.58	639510	10.34	400140	14.24
03	SBLK744	98564	7.62	390929	10.38	250033	14.25
04	SBLK746	91015	7.61	353856	10.38	230888	14.26
05	E0LX8	96893	7.62	383496	10.38	232931	14.24
06	E0LX9	103848	7.62	430613	10.37	280661	14.25
07	E0LY0	98144	7.62	408329	10.38	301580	14.26
08	E0LY1	98712	7.62	383544	10.37	247698	14.26
09	E0LY2	112777	7.62	460474	10.38	299328	14.24
10	E0LY3	105164	7.62	435621	10.36	276312	14.25
11	C0AK3	95617	7.63	373776	10.37	245889	14.26
12	C0AK4	112178	7.62	482702	10.37	340495	14.26
13	C0AK7	101025	7.62	413023	10.37	273547	14.26
14	C0AK9	97244	7.62	388554	10.36	268978	14.26
15	SLCS744	119953	7.62	477176	10.38	299289	14.26
16	SLCS746	114060	7.62	458192	10.38	291722	14.26

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

EPA Sample No.: SSTD020760 Date Analyzed: Mar 22 2024 12:00AM

Lab File ID: BP019960.D Time Analyzed: 18:32

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	134609	7.622	548260	10.38	341470	14.27
	UPPER LIMIT	269218	8.122	1096520	10.881	682940	14.769
	LOWER LIMIT	67304.5	7.122	274130	9.881	170735	13.769
	EPA SAMPLE NO.						
01	SBLK744	98564	7.62	390929	10.38	250033	14.25
02	SBLK746	91015	7.61	353856	10.38	230888	14.26
03	E0LX8	96893	7.62	383496	10.38	232931	14.24
04	E0LX9	103848	7.62	430613	10.37	280661	14.25
05	E0LY0	98144	7.62	408329	10.38	301580	14.26
06	E0LY1	98712	7.62	383544	10.37	247698	14.26
07	E0LY2	112777	7.62	460474	10.38	299328	14.24
08	E0LY3	105164	7.62	435621	10.36	276312	14.25
09	C0AK3	95617	7.63	373776	10.37	245889	14.26
10	C0AK4	112178	7.62	482702	10.37	340495	14.26
11	C0AK7	101025	7.62	413023	10.37	273547	14.26
12	C0AK9	97244	7.62	388554	10.36	268978	14.26
13	SLCS744	119953	7.62	477176	10.38	299289	14.26
14	SLCS746	114060	7.62	458192	10.38	291722	14.26

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

EPA Sample No.: SSTD020604 Date Analyzed: Mar 22 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 15:14

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	692729	17.092	633754	21.551	728804	24.862
	UPPER LIMIT	1385458	17.592	1267508	22.051	1457608	25.362
	LOWER LIMIT	346364.5	16.592	316877	21.051	364402	24.362
	EPA SAMPLE NO.						
01	SICV608	575965	17.09	541224	21.58	614695	24.90
02	SBLK721	780437	17.09	694005	21.56	812695	24.87
03	SBLK744	522775	17.09	482512	21.55	565391	24.86
04	SBLK746	499695	17.09	500815	21.55	569655	24.86
05	E0LX8	448770	17.08	402781	21.55	472761	24.85
06	E0LX9	606379	17.08	584138	21.55	695954	24.84
07	E0LY0	676551	17.08	636110	21.54	679100	24.84
08	E0LY1	515964	17.08	504104	21.55	590263	24.83
09	E0LY2	614940	17.07	558361	21.54	657622	24.83
10	E0LY3	549964	17.07	464701	21.55	544150	24.83
11	C0AK3	545085	17.06	559110	21.55	635112	24.82
12	C0AK4	678496	17.08	507030	21.55	522699	24.84
13	C0AK7	577303	17.07	491817	21.55	540920	24.82
14	C0AK9	608944	17.07	616885	21.55	684368	24.85
15	SLCS744	583948	17.08	495120	21.55	577424	24.84
16	SLCS746	610458	17.08	581381	21.56	675913	24.86

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

EPA Sample No.: SSTD020604 Date Analyzed: Mar 23 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 03:47

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	692729	17.092	633754	21.551	728804	24.862
UPPER LIMIT	1385458	17.592	1267508	22.051	1457608	25.362
LOWER LIMIT	346364.5	16.592	316877	21.051	364402	24.362
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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

EPA Sample No.: SSTD020760 Date Analyzed: Mar 22 2024 12:00AM

Lab File ID: BP019960.D Time Analyzed: 18:32

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	643859	17.08	548589	21.556	644641	24.85
	UPPER LIMIT	1287718	17.58	1097178	22.056	1289282	25.35
	LOWER LIMIT	321929.5	16.58	274294.5	21.056	322320.5	24.35
	EPA SAMPLE NO.						
01	SBLK744	522775	17.09	482512	21.55	565391	24.86
02	SBLK746	499695	17.09	500815	21.55	569655	24.86
03	E0LX8	448770	17.08	402781	21.55	472761	24.85
04	E0LX9	606379	17.08	584138	21.55	695954	24.84
05	E0LY0	676551	17.08	636110	21.54	679100	24.84
06	E0LY1	515964	17.08	504104	21.55	590263	24.83
07	E0LY2	614940	17.07	558361	21.54	657622	24.83
08	E0LY3	549964	17.07	464701	21.55	544150	24.83
09	C0AK3	545085	17.06	559110	21.55	635112	24.82
10	C0AK4	678496	17.08	507030	21.55	522699	24.84
11	C0AK7	577303	17.07	491817	21.55	540920	24.82
12	C0AK9	608944	17.07	616885	21.55	684368	24.85
13	SLCS744	583948	17.08	495120	21.55	577424	24.84
14	SLCS746	610458	17.08	581381	21.56	675913	24.86

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	
	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
SSTDICV020	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159744BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	35	ug/L	88				0	0	
	Pyridine	40	33	ug/L	83				0	0	
	Phenol	40	38	ug/L	95				0	0	
	Bis(2-chloroethyl)ether	40	38	ug/L	95				0	0	
	2-Chlorophenol	40	38	ug/L	95				0	0	
	2-Methylphenol	40	38	ug/L	95				0	0	
	2,2-oxybis(1-Chloropropane)	40	39	ug/L	98				0	0	
	Acetophenone	40	38	ug/L	95				0	0	
	4-Methylphenol	40	38	ug/L	95				0	0	
	N-Nitroso-di-n-propylamine	40	38	ug/L	95				0	0	
	Hexachloroethane	40	38	ug/L	95				0	0	
	Nitrobenzene	40	39	ug/L	98				0	0	
	Isophorone	40	38	ug/L	95				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethoxy)methane	40	39	ug/L	98				0	0	
	2,4-Dichlorophenol	40	38	ug/L	95				0	0	
	Naphthalene	40	37	ug/L	93				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	38	ug/L	95				0	0	
	Caprolactam	40	39	ug/L	98				0	0	
	4-Chloro-3-methylphenol	40	39	ug/L	98				0	0	
	1-Methylnaphthalene	40	37	ug/L	93				0	0	
	2-Methylnaphthalene	40	38	ug/L	95				0	0	
	Hexachlorocyclopentadiene	40	36	ug/L	90				0	0	
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0	
	2,4,5-Trichlorophenol	40	39	ug/L	98				0	0	
	1,1'-Biphenyl	40	37	ug/L	93				0	0	
	2-Chloronaphthalene	40	37	ug/L	93				0	0	
	2-Nitroaniline	40	40	ug/L	100				0	0	
	Dimethylphthalate	40	38	ug/L	95				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	38	ug/L	95				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	37	ug/L	93				0	0	
	2,4-Dinitrophenol	40	36	ug/L	90				0	0	
	4-Nitrophenol	40	39	ug/L	98				0	0	
	Dibenzofuran	40	37	ug/L	93				0	0	
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0	
	Diethylphthalate	40	38	ug/L	95				0	0	
	Fluorene	40	38	ug/L	95				0	0	
	4-Chlorophenyl-phenylether	40	38	ug/L	95				0	0	
	4-Nitroaniline	40	45	ug/L	113				0	0	
	4,6-Dinitro-2-methylphenol	40	39	ug/L	98				0	0	
	N-Nitrosodiphenylamine	40	39	ug/L	98				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159744BS	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	39	ug/L	98				0	0	
	Hexachlorobenzene	40	39	ug/L	98				0	0	
	Atrazine	40	14	ug/L	35				0	0	
	Pentachlorophenol	40	35	ug/L	88				0	0	
	Phenanthrene	40	38	ug/L	95				0	0	
	Pentachlorobenzene	40	38	ug/L	95				0	0	
	Anthracene	40	38	ug/L	95				0	0	
	1,2,3,4-Tetrachlorobenzene	40	39	ug/L	98				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	40	ug/L	100				0	0	
	Fluoranthene	40	39	ug/L	98				0	0	
	Pyrene	40	39	ug/L	98				0	0	
	Butylbenzylphthalate	40	39	ug/L	98				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	39	ug/L	98				0	0	
	Chrysene	40	40	ug/L	100				0	0	
	Bis(2-ethylhexyl)phthalate	40	40	ug/L	100				0	0	
	Di-n-octylphthalate	40	40	ug/L	100				0	0	
	Benzo(b)fluoranthene	40	40	ug/L	100				0	0	
	Benzo(k)fluoranthene	40	39	ug/L	98				0	0	
	Benzo(a)pyrene	40	39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	40	40	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	40	41	ug/L	103				0	0	
	Benzo(g,h,i)perylene	40	41	ug/L	103				0	0	
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159746BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	34	ug/L	85				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	37	ug/L	93				0	0	
	Bis(2-chloroethyl)ether	40	37	ug/L	93				0	0	
	2-Chlorophenol	40	37	ug/L	93				0	0	
	2-Methylphenol	40	38	ug/L	95				0	0	
	2,2-oxybis(1-Chloropropane)	40	37	ug/L	93				0	0	
	Acetophenone	40	38	ug/L	95				0	0	
	4-Methylphenol	40	37	ug/L	93				0	0	
	N-Nitroso-di-n-propylamine	40	37	ug/L	93				0	0	
	Hexachloroethane	40	38	ug/L	95				0	0	
	Nitrobenzene	40	38	ug/L	95				0	0	
	Isophorone	40	37	ug/L	93				0	0	
	2-Nitrophenol	40	38	ug/L	95				0	0	
	2,4-Dimethylphenol	40	35	ug/L	88				0	0	
	Bis(2-chloroethoxy)methane	40	37	ug/L	93				0	0	
	2,4-Dichlorophenol	40	37	ug/L	93				0	0	
	Naphthalene	40	37	ug/L	93				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	37	ug/L	93				0	0	
	Caprolactam	40	39	ug/L	98				0	0	
	4-Chloro-3-methylphenol	40	40	ug/L	100				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	36	ug/L	90				0	0	
	Hexachlorocyclopentadiene	40	35	ug/L	88				0	0	
	2,4,6-Trichlorophenol	40	36	ug/L	90				0	0	
	2,4,5-Trichlorophenol	40	38	ug/L	95				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	40	ug/L	100				0	0	
	Dimethylphthalate	40	38	ug/L	95				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	37	ug/L	93				0	0	
	3-Nitroaniline	40	36	ug/L	90				0	0	
	Acenaphthene	40	36	ug/L	90				0	0	
	2,4-Dinitrophenol	40	38	ug/L	95				0	0	
	4-Nitrophenol	40	41	ug/L	103				0	0	
	Dibenzofuran	40	37	ug/L	93				0	0	
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0	
	Diethylphthalate	40	39	ug/L	98				0	0	
	Fluorene	40	37	ug/L	93				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	47	ug/L	117				0	0	
	4,6-Dinitro-2-methylphenol	40	38	ug/L	95				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159746BS	1,2,4,5-Tetrachlorobenzene	40	37	ug/L	93				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	37	ug/L	93				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	34	ug/L	85				0	0	
	Phenanthrene	40	37	ug/L	93				0	0	
	Pentachlorobenzene	40	35	ug/L	88				0	0	
	Anthracene	40	37	ug/L	93				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	39	ug/L	98				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	37	ug/L	93				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	38	ug/L	95				0	0	
	Chrysene	40	38	ug/L	95				0	0	
	Bis(2-ethylhexyl)phthalate	40	37	ug/L	93				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				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	39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	40	39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	40	39	ug/L	98				0	0	
	2,3,4,6-Tetrachlorophenol	40	35	ug/L	88				0	0	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK721

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

Lab File ID: BP019959.D Lab Sample ID: PB159721BL

Instrument ID: BNA_P Date Extracted: 03/21/2024

Matrix: (soil/water) Water Date Analyzed: 03/22/2024

Level: (low/med) LOW Time Analyzed: 17:07

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

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

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK744

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

Lab File ID: BP019961.D Lab Sample ID: PB159744BL

Instrument ID: BNA_P Date Extracted: 03/22/2024

Matrix: (soil/water) Water Date Analyzed: 03/22/2024

Level: (low/med) LOW Time Analyzed: 18:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159744BS	PB159744BS	BP019973.D	03/23/2024
E0LX8	P1813-10	BP019963.D	03/22/2024
E0LX9	P1813-11	BP019964.D	03/22/2024
E0LY0	P1813-12	BP019965.D	03/22/2024
E0LY1	P1813-13	BP019966.D	03/22/2024
E0LY2	P1813-14	BP019967.D	03/22/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK746

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG NO.: BP032224

Lab File ID: BP019962.D Lab Sample ID: PB159746BL

Instrument ID: BNA_P Date Extracted: 03/22/2024

Matrix: (soil/water) Water Date Analyzed: 03/22/2024

Level: (low/med) LOW Time Analyzed: 19:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159746BS	PB159746BS	BP019974.D	03/23/2024
E0LY3	P1813-15	BP019968.D	03/22/2024
C0AK3	P1841-01	BP019969.D	03/23/2024
C0AK4	P1841-02	BP019970.D	03/23/2024
C0AK7	P1841-03	BP019971.D	03/23/2024
C0AK9	P1841-04	BP019972.D	03/23/2024

COMMENTS:

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159721BL	PB159721BL	BP019959.D	1,4-Dioxane-d8	8	6.62	83		15	120
			Pyridine-d5	40	31.28	78		20	120
			Phenol-d5	40	32.45	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.66	87		25	120
			2-Chlorophenol-d4	40	33.22	83		20	130
			4-Methylphenol-d8	40	32.83	82		25	125
			Nitrobenzene-d5	40	33.18	83		20	125
			2-Nitrophenol-d4	40	33.65	84		20	130
			2,4-Dichlorophenol-d3	40	30.70	77		20	120
			4-Chloroaniline-d4	40	32.27	81		1	146
			Dimethylphthalate-d6	40	34.33	86		25	130
			Acenaphthylene-d8	40	32.50	81		10	130
			4-Nitrophenol-d4	40	28.76	72		10	150
			Fluorene-d10	40	32.92	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.47	76		10	130
			Anthracene-d10	40	33.39	83		25	130
			Pyrene-d10	40	32.26	81		15	130
			Benzo(a)pyrene-d12	40	33.55	84		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-10	E0LX8	BP019963.D	1,4-Dioxane-d8	8	5.96	75		15	120
			Pyridine-d5	40	10.51	26		20	120
			Phenol-d5	40	6.72	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.10	83		25	120
			2-Chlorophenol-d4	40	25.04	63		20	130
			4-Methylphenol-d8	40	16.39	41		25	125
			Nitrobenzene-d5	40	33.19	83		20	125
			2-Nitrophenol-d4	40	31.65	79		20	130
			2,4-Dichlorophenol-d3	40	29.47	74		20	120
			4-Chloroaniline-d4	40	19.87	50		1	146
			Dimethylphthalate-d6	40	39.16	98		25	130
			Acenaphthylene-d8	40	37.25	93		10	130
			4-Nitrophenol-d4	40	6.59	16		10	150
			Fluorene-d10	40	38.36	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.07	80		10	130
			Anthracene-d10	40	40.77	102		25	130
			Pyrene-d10	40	39.85	100		15	130
			Benzo(a)pyrene-d12	40	41.49	104		20	130
P1813-11	E0LX9	BP019964.D	1,4-Dioxane-d8	8	6.31	79		15	120
			Pyridine-d5	40	13.01	33		20	120
			Phenol-d5	40	8.68	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.44	101		25	120
			2-Chlorophenol-d4	40	31.08	78		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	39.87	100		20	125
			2-Nitrophenol-d4	40	37.53	94		20	130
			2,4-Dichlorophenol-d3	40	35.72	89		20	120
			4-Chloroaniline-d4	40	22.11	55		1	146
			Dimethylphthalate-d6	40	42.11	105		25	130
			Acenaphthylene-d8	40	40.61	102		10	130
			4-Nitrophenol-d4	40	9.33	23		10	150
			Fluorene-d10	40	42.08	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.43	89		10	130
			Anthracene-d10	40	41.19	103		25	130
			Pyrene-d10	40	39.95	100		15	130
			Benzo(a)pyrene-d12	40	42.40	106		20	130
P1813-12	E0LY0	BP019965.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.03	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	31.28	78		25	120
			2-Chlorophenol-d4	40	0.01	0	*	20	130
			4-Methylphenol-d8	40	0.34	1	*	25	125
			Nitrobenzene-d5	40	29.65	74		20	125
			2-Nitrophenol-d4	40	0.01	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.01	0	*	1	146
			Dimethylphthalate-d6	40	34.52	86		25	130
			Acenaphthylene-d8	40	24.80	62		10	130
			4-Nitrophenol-d4	40	0.01	0	*	10	150
			Fluorene-d10	40	33.43	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.01	0	*	10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-12	E0LY0	BP019965.D	Anthracene-d10	40	32.42	81		25	130
			Pyrene-d10	40	32.45	81		15	130
			Benzo(a)pyrene-d12	40	31.10	78		20	130
P1813-13	E0LY1	BP019966.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	16.56	41		20	120
			Phenol-d5	40	0.03	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	33.08	83		25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.45	1	*	25	125
			Nitrobenzene-d5	40	34.07	85		20	125
			2-Nitrophenol-d4	40	0.02	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.02	0	*	20	120
			4-Chloroaniline-d4	40	30.66	77		1	146
			Dimethylphthalate-d6	40	36.60	91		25	130
			Acenaphthylene-d8	40	34.98	87		10	130
			4-Nitrophenol-d4	40	0.02	0	*	10	150
			Fluorene-d10	40	37.92	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	42.25	106		25	130
			Pyrene-d10	40	39.38	98		15	130
			Benzo(a)pyrene-d12	40	42.78	107		20	130
P1813-14	E0LY2	BP019967.D	1,4-Dioxane-d8	8	5.95	74		15	120
			Pyridine-d5	40	11.32	28		20	120
			Phenol-d5	40	7.14	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.67	84		25	120
			2-Chlorophenol-d4	40	25.63	64		20	130
			4-Methylphenol-d8	40	17.55	44		25	125
			Nitrobenzene-d5	40	33.92	85		20	125
			2-Nitrophenol-d4	40	32.61	82		20	130
			2,4-Dichlorophenol-d3	40	30.23	76		20	120
			4-Chloroaniline-d4	40	29.31	73		1	146
			Dimethylphthalate-d6	40	39.83	100		25	130
			Acenaphthylene-d8	40	36.36	91		10	130
			4-Nitrophenol-d4	40	7.51	19		10	150
			Fluorene-d10	40	38.66	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.20	85		10	130
			Anthracene-d10	40	40.11	100		25	130
			Pyrene-d10	40	38.65	97		15	130
			Benzo(a)pyrene-d12	40	41.38	103		20	130
PB159744BL	PB159744BL	BP019961.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Pyridine-d5	40	27.38	68		20	120
			Phenol-d5	40	29.42	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.94	75		25	120
			2-Chlorophenol-d4	40	30.63	77		20	130
			4-Methylphenol-d8	40	29.57	74		25	125
			Nitrobenzene-d5	40	30.00	75		20	125
			2-Nitrophenol-d4	40	30.01	75		20	130
			2,4-Dichlorophenol-d3	40	25.97	65		20	120
			4-Chloroaniline-d4	40	28.53	71		1	146
			Dimethylphthalate-d6	40	30.90	77		25	130
			Acenaphthylene-d8	40	30.37	76		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159744BL	PB159744BL	BP019961.D	4-Nitrophenol-d4	40	27.15	68		10	150
			Fluorene-d10	40	30.53	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.41	64		10	130
			Anthracene-d10	40	32.18	80		25	130
			Pyrene-d10	40	31.10	78		15	130
			Benzo(a)pyrene-d12	40	33.14	83		20	130
PB159744BS	PB159744BS	BP019973.D	1,4-Dioxane-d8	8	7.29	91		15	120
			Pyridine-d5	40	33.37	83		20	120
			Phenol-d5	40	37.54	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.67	94		25	120
			2-Chlorophenol-d4	40	37.44	94		20	130
			4-Methylphenol-d8	40	37.52	94		25	125
			Nitrobenzene-d5	40	38.14	95		20	125
			2-Nitrophenol-d4	40	38.79	97		20	130
			2,4-Dichlorophenol-d3	40	38.24	96		20	120
			4-Chloroaniline-d4	40	32.68	82		1	146
			Dimethylphthalate-d6	40	37.46	94		25	130
			Acenaphthylene-d8	40	37.12	93		10	130
			4-Nitrophenol-d4	40	37.62	94		10	150
			Fluorene-d10	40	36.93	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.34	96		10	130
			Anthracene-d10	40	38.11	95		25	130
			Pyrene-d10	40	38.37	96		15	130
			Benzo(a)pyrene-d12	40	39.50	99		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-15	E0LY3	BP019968.D	1,4-Dioxane-d8	8	6.23	78		15	120
			Pyridine-d5	40	12.59	31		20	120
			Phenol-d5	40	8.20	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.50	91		25	120
			2-Chlorophenol-d4	40	28.48	71		20	130
			4-Methylphenol-d8	40	20.14	50		25	125
			Nitrobenzene-d5	40	36.54	91		20	125
			2-Nitrophenol-d4	40	36.23	91		20	130
			2,4-Dichlorophenol-d3	40	34.62	87		20	120
			4-Chloroaniline-d4	40	30.51	76		1	146
			Dimethylphthalate-d6	40	41.44	104		25	130
			Acenaphthylene-d8	40	40.96	102		10	130
			4-Nitrophenol-d4	40	7.45	19		10	150
			Fluorene-d10	40	41.72	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.12	90		10	130
			Anthracene-d10	40	42.87	107		25	130
			Pyrene-d10	40	42.99	107		15	130
			Benzo(a)pyrene-d12	40	42.99	107		20	130
P1841-01	C0AK3	BP019969.D	1,4-Dioxane-d8	8	6.25	78		15	120
			Pyridine-d5	40	10.21	26		20	120
			Phenol-d5	40	6.34	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.99	90		25	120
			2-Chlorophenol-d4	40	26.69	67		20	130
			4-Methylphenol-d8	40	16.07	40		25	125
			Nitrobenzene-d5	40	36.73	92		20	125
			2-Nitrophenol-d4	40	36.18	90		20	130
			2,4-Dichlorophenol-d3	40	31.58	79		20	120
			4-Chloroaniline-d4	40	32.10	80		1	146
			Dimethylphthalate-d6	40	43.13	108		25	130
			Acenaphthylene-d8	40	38.56	96		10	130
			4-Nitrophenol-d4	40	7.41	19		10	150
			Fluorene-d10	40	42.57	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.39	91		10	130
			Anthracene-d10	40	43.64	109		25	130
			Pyrene-d10	40	39.96	100		15	130
			Benzo(a)pyrene-d12	40	44.96	112		20	130
P1841-02	C0AK4	BP019970.D	1,4-Dioxane-d8	8	6.95	87		15	120
			Pyridine-d5	40	11.06	28		20	120
			Phenol-d5	40	7.79	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.93	100		25	120
			2-Chlorophenol-d4	40	29.56	74		20	130
			4-Methylphenol-d8	40	19.50	49		25	125
			Nitrobenzene-d5	40	38.64	97		20	125
			2-Nitrophenol-d4	40	38.10	95		20	130
			2,4-Dichlorophenol-d3	40	33.73	84		20	120
			4-Chloroaniline-d4	40	35.54	89		1	146
			Dimethylphthalate-d6	40	44.02	110		25	130
			Acenaphthylene-d8	40	39.54	99		10	130
			4-Nitrophenol-d4	40	7.50	19		10	150
			Fluorene-d10	40	41.93	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.86	95		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1841-02	C0AK4	BP019970.D	Anthracene-d10	40	45.22	113		25	130
			Pyrene-d10	40	48.13	120		15	130
			Benzo(a)pyrene-d12	40	46.53	116		20	130
P1841-03	C0AK7	BP019971.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	6.26	16	*	20	120
			Phenol-d5	40	6.68	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.83	90		25	120
			2-Chlorophenol-d4	40	26.57	66		20	130
			4-Methylphenol-d8	40	16.77	42		25	125
			Nitrobenzene-d5	40	35.63	89		20	125
			2-Nitrophenol-d4	40	35.15	88		20	130
			2,4-Dichlorophenol-d3	40	30.23	76		20	120
			4-Chloroaniline-d4	40	28.86	72		1	146
			Dimethylphthalate-d6	40	38.24	96		25	130
			Acenaphthylene-d8	40	36.51	91		10	130
			4-Nitrophenol-d4	40	6.82	17		10	150
			Fluorene-d10	40	38.10	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.53	84		10	130
			Anthracene-d10	40	39.86	100		25	130
			Pyrene-d10	40	40.40	101		15	130
			Benzo(a)pyrene-d12	40	41.18	103		20	130
P1841-04	C0AK9	BP019972.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	4.33	11	*	20	120
			Phenol-d5	40	6.51	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.66	87		25	120
			2-Chlorophenol-d4	40	25.76	64		20	130
			4-Methylphenol-d8	40	15.51	39		25	125
			Nitrobenzene-d5	40	35.28	88		20	125
			2-Nitrophenol-d4	40	34.61	87		20	130
			2,4-Dichlorophenol-d3	40	29.48	74		20	120
			4-Chloroaniline-d4	40	23.79	59		1	146
			Dimethylphthalate-d6	40	40.04	100		25	130
			Acenaphthylene-d8	40	36.08	90		10	130
			4-Nitrophenol-d4	40	6.79	17		10	150
			Fluorene-d10	40	39.79	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.28	91		10	130
			Anthracene-d10	40	42.59	106		25	130
			Pyrene-d10	40	38.67	97		15	130
			Benzo(a)pyrene-d12	40	42.43	106		20	130
PB159746BL	PB159746BL	BP019962.D	1,4-Dioxane-d8	8	7.97	100		15	120
			Pyridine-d5	40	33.07	83		20	120
			Phenol-d5	40	35.45	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.71	89		25	120
			2-Chlorophenol-d4	40	35.97	90		20	130
			4-Methylphenol-d8	40	35.03	88		25	125
			Nitrobenzene-d5	40	36.17	90		20	125
			2-Nitrophenol-d4	40	36.70	92		20	130
			2,4-Dichlorophenol-d3	40	33.75	84		20	120
			4-Chloroaniline-d4	40	34.16	85		1	146
			Dimethylphthalate-d6	40	39.37	98		25	130
			Acenaphthylene-d8	40	36.43	91		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BP032224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159746BL	PB159746BL	BP019962.D	4-Nitrophenol-d4	40	34.86	87		10	150
			Fluorene-d10	40	37.74	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.82	82		10	130
			Anthracene-d10	40	39.35	98		25	130
			Pyrene-d10	40	36.63	92		15	130
			Benzo(a)pyrene-d12	40	40.61	102		20	130
PB159746BS	PB159746BS	BP019974.D	1,4-Dioxane-d8	8	7.24	90		15	120
			Pyridine-d5	40	33.33	83		20	120
			Phenol-d5	40	37.23	93		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.75	92		25	120
			2-Chlorophenol-d4	40	36.75	92		20	130
			4-Methylphenol-d8	40	37.16	93		25	125
			Nitrobenzene-d5	40	37.62	94		20	125
			2-Nitrophenol-d4	40	37.95	95		20	130
			2,4-Dichlorophenol-d3	40	37.22	93		20	120
			4-Chloroaniline-d4	40	32.23	81		1	146
			Dimethylphthalate-d6	40	37.04	93		25	130
			Acenaphthylene-d8	40	35.86	90		10	130
			4-Nitrophenol-d4	40	40.18	100		10	150
			Fluorene-d10	40	37.05	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.74	94		10	130
			Anthracene-d10	40	36.93	92		25	130
			Pyrene-d10	40	35.37	88		15	130
			Benzo(a)pyrene-d12	40	39.29	98		20	130

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP032224

Lab Code: CHEM SAS No.: BP032224 SDG NO.: BP032224

Lab File ID: BP019951.D DFTPP Injection Date: 03/22/2024

Instrument ID: BNA_P DFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	73.8
443	15.0 - 24.0% of mass 442	14.2 (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
SSTD005602	SSTD00582	BP019952.D	03/22/2024	10:44
SSTD010603	SSTD01083	BP019953.D	03/22/2024	11:26
SSTD020604	SSTD02084	BP019954.D	03/22/2024	12:08
SSTD040605	SSTD04085	BP019955.D	03/22/2024	12:51
SSTD080606	SSTD08086	BP019956.D	03/22/2024	13:33
SSTD160607	SSTD16087	BP019957.D	03/22/2024	14:16
SICV608	SSTDICV020	BP019958.D	03/22/2024	15:14
SBLK721	PB159721BL	BP019959.D	03/22/2024	17:07
SSTD020760	SSTDCCC020	BP019960.D	03/22/2024	17:49
SBLK744	PB159744BL	BP019961.D	03/22/2024	18:32
SBLK746	PB159746BL	BP019962.D	03/22/2024	19:15
E0LX8	P1813-10	BP019963.D	03/22/2024	19:58
E0LX9	P1813-11	BP019964.D	03/22/2024	20:41
E0LY0	P1813-12	BP019965.D	03/22/2024	21:24
E0LY1	P1813-13	BP019966.D	03/22/2024	22:06
E0LY2	P1813-14	BP019967.D	03/22/2024	22:49
E0LY3	P1813-15	BP019968.D	03/22/2024	23:31
C0AK3	P1841-01	BP019969.D	03/23/2024	00:14
C0AK4	P1841-02	BP019970.D	03/23/2024	00:57

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP032224

Lab Code: CHEM SAS No.: BP032224 SDG NO.: BP032224

Lab File ID: BP019951.D DFTPP Injection Date: 03/22/2024

Instrument ID: BNA_P DFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	73.8
443	15.0 - 24.0% of mass 442	14.2 (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
C0AK7	P1841-03	BP019971.D	03/23/2024	01:39
C0AK9	P1841-04	BP019972.D	03/23/2024	02:22
SLCS744	PB159744BS	BP019973.D	03/23/2024	03:04
SLCS746	PB159746BS	BP019974.D	03/23/2024	03:47
SSTD020761	SSTDCCC020EC	BP019975.D	03/23/2024	05:12