

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:09:42

Lab File ID: BP019991.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 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	0.538	0.010	3.3672	40.0
Benzaldehyde	0.834	1.146	0.010	37.353	40.0
Pyridine	1.405	1.453	0.010	3.3957	40.0
Phenol	1.764	1.863	0.080	5.649	20.0
Bis(2-Chloroethyl)ether	1.428	1.546	0.100	8.2817	20.0
2-Chlorophenol	1.277	1.325	0.200	3.8158	20.0
2-Methylphenol	1.271	1.384	0.010	8.8475	20.0
2,2-oxybis(1-Chloropropane)	1.964	2.232	0.010	13.6607	40.0
Acetophenone	2.105	2.440	0.060	15.9022	20.0
4-Methylphenol	1.368	1.522	0.010	11.2306	20.0
N-Nitroso-di-n-propylamine	1.174	1.420	0.050	20.931	30.0
Hexachloroethane	0.593	0.624	0.100	5.3002	20.0
Nitrobenzene	0.437	0.460	0.050	5.4441	25.0
Isophorone	0.814	0.894	0.050	9.8604	25.0
2-Nitrophenol	0.179	0.185	0.050	3.5505	25.0
2,4-Dimethylphenol	0.390	0.413	0.050	5.8418	25.0
Bis(2-Chloroethoxy)methane	0.476	0.513	0.050	7.8322	20.0
2,4-Dichlorophenol	0.306	0.320	0.060	4.4644	20.0
Naphthalene	1.026	1.067	0.200	4.0002	20.0
4-Chloroaniline	0.401	0.439	0.010	9.4999	40.0
Hexachlorobutadiene	0.241	0.243	0.040	0.5097	30.0
Caprolactam	0.095	0.114	0.010	19.7946	40.0
4-Chloro-3-methylphenol	0.340	0.396	0.040	16.2021	25.0
1-Methylnaphthalene	0.683	0.745	0.100	9.051	20.0
2-Methylnaphthalene	0.683	0.745	0.100	9.1145	20.0
Hexachlorocyclopentadiene	0.374	0.321	0.010	-14.2011	40.0
2,4,6-Trichlorophenol	0.406	0.409	0.090	0.5706	25.0
2,4,5-Trichlorophenol	0.420	0.429	0.100	2.0054	25.0
1,1-Biphenyl	1.448	1.434	0.200	-0.9882	20.0
2-Chloronaphthalene	1.168	1.154	0.300	-1.2159	20.0
2-Nitroaniline	0.368	0.416	0.050	13.0042	40.0
Dimethylphthalate	1.415	1.518	0.300	7.2544	20.0
2,6-Dinitrotoluene	0.287	0.309	0.080	7.5165	30.0
Acenaphthylene	1.832	1.893	0.400	3.3498	20.0
3-Nitroaniline	0.265	0.300	0.010	13.4836	40.0
Acenaphthene	1.217	1.252	0.200	2.9098	20.0
2,4-Dinitrophenol	0.164	0.158	0.010	-3.43	40.0
4-Nitrophenol	0.202	0.219	0.010	8.0317	40.0
Dibenzofuran	1.653	1.737	0.300	5.0747	20.0
2,4-Dinitrotoluene	0.393	0.445	0.070	13.2285	30.0
Diethylphthalate	1.404	1.557	0.300	10.9422	20.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:09:42

Lab File ID: BP019991.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.348	1.430	0.200	6.0736	20.0
4-Chlorophenyl-phenylether	0.722	0.756	0.100	4.7321	20.0
4-Nitroaniline	0.226	0.276	0.010	22.0149	40.0
4,6-Dinitro-2-methylphenol	0.127	0.126	0.010	-0.8038	40.0
N-Nitrosodiphenylamine	0.552	0.573	0.050	3.7631	20.0
1,2,4,5-Tetrachlorobenzene	0.661	0.641	0.100	-3.0881	20.0
4-Bromophenyl-phenylether	0.217	0.221	0.070	1.6053	20.0
Hexachlorobenzene	0.241	0.242	0.050	0.6093	25.0
Atrazine	0.212	0.223	0.010	5.438	25.0
Pentachlorophenol	0.141	0.143	0.010	1.0423	40.0
Phenanthrene	1.034	1.073	0.200	3.7348	20.0
Pentachlorobenzene	0.302	0.292	0.050	-3.4366	20.0
Anthracene	1.050	1.092	0.200	4.0528	20.0
1,2,3,4-Tetrachlorobenzene	0.326	0.297	0.050	-9.0201	20.0
Carbazole	0.898	0.953	0.050	6.1559	40.0
Di-n-butylphthalate	1.121	1.187	0.500	5.8836	25.0
Fluoranthene	1.378	1.508	0.400	9.4085	25.0
Pyrene	1.432	1.562	0.400	9.0564	25.0
Butylbenzylphthalate	0.582	0.593	0.100	1.9375	40.0
3,3-Dichlorobenzidine	0.425	0.412	0.010	-3.1615	40.0
Benzo(a)anthracene	1.384	1.449	0.300	4.6666	30.0
Chrysene	1.287	1.310	0.200	1.8061	30.0
Bis(2-ethylhexyl)phthalate	0.850	0.819	0.200	-3.6333	40.0
Di-n-octyl phthalate	1.268	1.348	0.010	6.2593	40.0
Benzo(b)fluoranthene	1.173	1.250	0.200	6.613	25.0
Benzo(k)fluoranthene	1.192	1.302	0.200	9.245	25.0
Benzo(a)pyrene	1.134	1.196	0.200	5.4709	20.0
Indeno(1,2,3-cd)pyrene	1.429	1.353	0.200	-5.2996	25.0
Dibenzo(a,h)anthracene	1.162	1.117	0.200	-3.8888	30.0
Benzo(g,h,i)perylene	1.154	1.095	0.200	-5.0953	30.0
2,3,4,6-Tetrachlorophenol	0.360	0.387	0.040	7.4545	20.0
1,4-Dioxane-d8	0.456	0.457	0.010	0.0652	25.0
Pyridine-d5	1.378	1.431	0.010	3.7947	40.0
Phenol-d5	1.687	1.774	0.010	5.1857	25.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.206	0.050	9.7797	25.0
2-Chlorophenol-d4	1.211	1.270	0.200	4.8491	20.0
4-Methylphenol-d8	1.305	1.438	0.010	10.1636	20.0
Nitrobenzene-d5	0.153	0.157	0.050	2.4721	20.0
2-Nitrophenol-d4	0.172	0.172	0.050	0.5237	30.0
2,4-Dichlorophenol-d3	0.313	0.326	0.060	4.1705	20.0
4-Chloroaniline-d4	0.408	0.451	0.010	10.4146	40.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624
Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:09:42
Lab File ID: BP019991.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.494	0.300	6.5574	20.0
Acenaphthylene-d8	1.638	1.677	0.400	2.4033	20.0
4-Nitrophenol-d4	0.220	0.232	0.010	5.3237	40.0
Fluorene-d10	1.195	1.229	0.100	2.8919	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.121	0.010	1.1912	40.0
Anthracene-d10	0.885	0.918	0.300	3.6474	20.0
Pyrene-d10	1.173	1.259	0.300	7.281	25.0
Benzo(a)pyrene-d12	0.961	1.005	0.010	4.5891	20.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:15:28

Lab File ID: BP019998.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020765 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	0.551	0.010	5.7356	40.0
Benzaldehyde	0.834	1.129	0.010	35.3952	40.0
Pyridine	1.405	1.456	0.010	3.6252	40.0
Phenol	1.764	1.805	0.080	2.3434	20.0
Bis(2-Chloroethyl) ether	1.428	1.497	0.100	4.8056	20.0
2-Chlorophenol	1.277	1.303	0.200	2.0766	20.0
2-Methylphenol	1.271	1.330	0.010	4.5922	20.0
2,2-oxybis(1-Chloropropane)	1.964	2.124	0.010	8.1454	40.0
Acetophenone	2.105	2.229	0.060	5.8973	20.0
4-Methylphenol	1.368	1.426	0.010	4.202	20.0
N-Nitroso-di-n-propylamine	1.174	1.265	0.050	7.7115	30.0
Hexachloroethane	0.593	0.618	0.100	4.1649	20.0
Nitrobenzene	0.437	0.473	0.050	8.2998	25.0
Isophorone	0.814	0.842	0.050	3.4509	25.0
2-Nitrophenol	0.179	0.189	0.050	5.9339	25.0
2,4-Dimethylphenol	0.390	0.403	0.050	3.1504	25.0
Bis(2-Chloroethoxy) methane	0.476	0.493	0.050	3.5308	20.0
2,4-Dichlorophenol	0.306	0.315	0.060	2.9509	20.0
Naphthalene	1.026	1.062	0.200	3.4677	20.0
4-Chloroaniline	0.401	0.422	0.010	5.3286	40.0
Hexachlorobutadiene	0.241	0.247	0.040	2.0886	30.0
Caprolactam	0.095	0.095	0.010	-0.434	40.0
4-Chloro-3-methylphenol	0.340	0.366	0.040	7.3836	25.0
1-Methylnaphthalene	0.683	0.713	0.100	4.3843	20.0
2-Methylnaphthalene	0.683	0.713	0.100	4.404	20.0
Hexachlorocyclopentadiene	0.374	0.344	0.010	-7.9505	40.0
2,4,6-Trichlorophenol	0.406	0.412	0.090	1.4441	25.0
2,4,5-Trichlorophenol	0.420	0.431	0.100	2.5714	25.0
1,1-Biphenyl	1.448	1.469	0.200	1.4286	20.0
2-Chloronaphthalene	1.168	1.211	0.300	3.7163	20.0
2-Nitroaniline	0.368	0.397	0.050	7.7899	40.0
Dimethylphthalate	1.415	1.424	0.300	0.6046	20.0
2,6-Dinitrotoluene	0.287	0.290	0.080	0.7643	30.0
Acenaphthylene	1.832	1.922	0.400	4.9074	20.0
3-Nitroaniline	0.265	0.276	0.010	4.1251	40.0
Acenaphthene	1.217	1.254	0.200	3.0464	20.0
2,4-Dinitrophenol	0.164	0.140	0.010	-14.5799	40.0
4-Nitrophenol	0.202	0.188	0.010	-7.0155	40.0
Dibenzofuran	1.653	1.693	0.300	2.4176	20.0
2,4-Dinitrotoluene	0.393	0.400	0.070	1.8715	30.0
Diethylphthalate	1.404	1.398	0.300	-0.3819	20.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:15:28

Lab File ID: BP019998.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020765 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.348	1.391	0.200	3.2163	20.0
4-Chlorophenyl-phenylether	0.722	0.725	0.100	0.4526	20.0
4-Nitroaniline	0.226	0.232	0.010	2.8222	40.0
4,6-Dinitro-2-methylphenol	0.127	0.123	0.010	-2.9799	40.0
N-Nitrosodiphenylamine	0.552	0.588	0.050	6.4902	20.0
1,2,4,5-Tetrachlorobenzene	0.661	0.676	0.100	2.2657	20.0
4-Bromophenyl-phenylether	0.217	0.221	0.070	1.9657	20.0
Hexachlorobenzene	0.241	0.248	0.050	2.8002	25.0
Atrazine	0.212	0.209	0.010	-1.3307	25.0
Pentachlorophenol	0.141	0.137	0.010	-3.3161	40.0
Phenanthrene	1.034	1.054	0.200	1.9456	20.0
Pentachlorobenzene	0.302	0.316	0.050	4.6564	20.0
Anthracene	1.050	1.107	0.200	5.4239	20.0
1,2,3,4-Tetrachlorobenzene	0.326	0.342	0.050	4.7978	20.0
Carbazole	0.898	0.924	0.050	2.8834	40.0
Di-n-butylphthalate	1.121	1.102	0.500	-1.7262	25.0
Fluoranthene	1.378	1.380	0.400	0.1254	25.0
Pyrene	1.432	1.427	0.400	-0.3652	25.0
Butylbenzylphthalate	0.582	0.546	0.100	-6.1072	40.0
3,3-Dichlorobenzidine	0.425	0.438	0.010	2.9891	40.0
Benzo(a)anthracene	1.384	1.431	0.300	3.3781	30.0
Chrysene	1.287	1.345	0.200	4.5532	30.0
Bis(2-ethylhexyl)phthalate	0.850	0.770	0.200	-9.3882	40.0
Di-n-octyl phthalate	1.268	1.152	0.010	-9.1764	40.0
Benzo(b)fluoranthene	1.173	1.209	0.200	3.0866	25.0
Benzo(k)fluoranthene	1.192	1.190	0.200	-0.1454	25.0
Benzo(a)pyrene	1.134	1.150	0.200	1.4233	20.0
Indeno(1,2,3-cd)pyrene	1.429	1.427	0.200	-0.0975	25.0
Dibenzo(a,h)anthracene	1.162	1.176	0.200	1.1661	30.0
Benzo(g,h,i)perylene	1.154	1.156	0.200	0.1575	30.0
2,3,4,6-Tetrachlorophenol	0.360	0.367	0.040	1.8274	20.0
1,4-Dioxane-d8	0.456	0.503	0.010	10.255	25.0
Pyridine-d5	1.378	1.423	0.010	3.2216	40.0
Phenol-d5	1.687	1.708	0.010	1.2762	25.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.180	0.050	7.3492	25.0
2-Chlorophenol-d4	1.211	1.248	0.200	2.9941	20.0
4-Methylphenol-d8	1.305	1.365	0.010	4.5637	20.0
Nitrobenzene-d5	0.153	0.156	0.050	1.5703	20.0
2-Nitrophenol-d4	0.172	0.180	0.050	5.0554	30.0
2,4-Dichlorophenol-d3	0.313	0.321	0.060	2.4527	20.0
4-Chloroaniline-d4	0.408	0.420	0.010	2.7678	40.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624
Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:15:28
Lab File ID: BP019998.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020765 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.400	0.300	-0.1325	20.0
Acenaphthylene-d8	1.638	1.685	0.400	2.8694	20.0
4-Nitrophenol-d4	0.220	0.205	0.010	-7.0806	40.0
Fluorene-d10	1.195	1.193	0.100	-0.1422	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-4.75	40.0
Anthracene-d10	0.885	0.921	0.300	4.0645	20.0
Pyrene-d10	1.173	1.172	0.300	-0.1212	25.0
Benzo(a)pyrene-d12	0.961	0.985	0.010	2.5038	20.0

All other compounds must meet a minimum RRF of 0.010.



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1: 23:26

Lab File ID: BP020008.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020766 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	0.570	0.010	9.4145	50.0
Benzaldehyde	0.834	1.112	0.010	33.3488	50.0
Pyridine	1.405	1.476	0.010	5.0912	50.0
Phenol	1.764	1.798	0.080	1.936	50.0
Bis(2-Chloroethyl) ether	1.428	1.486	0.100	4.0822	50.0
2-Chlorophenol	1.277	1.304	0.200	2.1645	50.0
2-Methylphenol	1.271	1.292	0.010	1.6606	50.0
2,2-oxybis(1-Chloropropane)	1.964	2.091	0.010	6.4794	50.0
Acetophenone	2.105	2.185	0.060	3.8098	50.0
4-Methylphenol	1.368	1.381	0.010	0.9088	50.0
N-Nitroso-di-n-propylamine	1.174	1.210	0.050	3.0219	50.0
Hexachloroethane	0.593	0.623	0.100	5.0008	50.0
Nitrobenzene	0.437	0.467	0.050	7.0541	50.0
Isophorone	0.814	0.848	0.050	4.2333	50.0
2-Nitrophenol	0.179	0.182	0.050	1.9452	50.0
2,4-Dimethylphenol	0.390	0.405	0.050	3.8731	50.0
Bis(2-Chloroethoxy) methane	0.476	0.494	0.050	3.8858	50.0
2,4-Dichlorophenol	0.306	0.318	0.060	3.7345	50.0
Naphthalene	1.026	1.076	0.200	4.8973	50.0
4-Chloroaniline	0.401	0.422	0.010	5.2645	50.0
Hexachlorobutadiene	0.241	0.256	0.040	5.9924	50.0
Caprolactam	0.095	0.099	0.010	3.6513	50.0
4-Chloro-3-methylphenol	0.340	0.363	0.040	6.6977	50.0
1-Methylnaphthalene	0.683	0.719	0.100	5.2923	50.0
2-Methylnaphthalene	0.683	0.720	0.100	5.4176	50.0
Hexachlorocyclopentadiene	0.374	0.328	0.010	-12.2188	50.0
2,4,6-Trichlorophenol	0.406	0.412	0.090	1.431	50.0
2,4,5-Trichlorophenol	0.420	0.445	0.100	5.7987	50.0
1,1-Biphenyl	1.448	1.457	0.200	0.6265	50.0
2-Chloronaphthalene	1.168	1.183	0.300	1.2595	50.0
2-Nitroaniline	0.368	0.394	0.050	7.1068	50.0
Dimethylphthalate	1.415	1.491	0.300	5.3325	50.0
2,6-Dinitrotoluene	0.287	0.299	0.080	4.2018	50.0
Acenaphthylene	1.832	1.904	0.400	3.9313	50.0
3-Nitroaniline	0.265	0.288	0.010	8.75	50.0
Acenaphthene	1.217	1.256	0.200	3.2331	50.0
2,4-Dinitrophenol	0.164	0.148	0.010	-9.5543	50.0
4-Nitrophenol	0.202	0.202	0.010	-0.3209	50.0
Dibenzofuran	1.653	1.754	0.300	6.1265	50.0
2,4-Dinitrotoluene	0.393	0.435	0.070	10.7451	50.0
Diethylphthalate	1.404	1.469	0.300	4.6755	50.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624

Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1: 23:26

Lab File ID: BP020008.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020766 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.348	1.431	0.200	6.1337	50.0
4-Chlorophenyl-phenylether	0.722	0.752	0.100	4.1268	50.0
4-Nitroaniline	0.226	0.259	0.010	14.7519	50.0
4,6-Dinitro-2-methylphenol	0.127	0.119	0.010	-6.126	50.0
N-Nitrosodiphenylamine	0.552	0.560	0.050	1.4318	50.0
1,2,4,5-Tetrachlorobenzene	0.661	0.669	0.100	1.1207	50.0
4-Bromophenyl-phenylether	0.217	0.215	0.070	-0.751	50.0
Hexachlorobenzene	0.241	0.241	0.050	0.0922	50.0
Atrazine	0.212	0.210	0.010	-0.8958	50.0
Pentachlorophenol	0.141	0.139	0.010	-1.9543	50.0
Phenanthrene	1.034	1.052	0.200	1.7188	50.0
Pentachlorobenzene	0.302	0.294	0.050	-2.6723	50.0
Anthracene	1.050	1.082	0.200	3.055	50.0
1,2,3,4-Tetrachlorobenzene	0.326	0.312	0.050	-4.341	50.0
Carbazole	0.898	0.966	0.050	7.6003	50.0
Di-n-butylphthalate	1.121	1.172	0.500	4.5809	50.0
Fluoranthene	1.378	1.270	0.400	-7.8611	50.0
Pyrene	1.432	1.351	0.400	-5.6924	50.0
Butylbenzylphthalate	0.582	0.547	0.100	-5.9108	50.0
3,3-Dichlorobenzidine	0.425	0.438	0.010	3.0471	50.0
Benzo(a)anthracene	1.384	1.412	0.300	2.0301	50.0
Chrysene	1.287	1.333	0.200	3.5784	50.0
Bis(2-ethylhexyl)phthalate	0.850	0.800	0.200	-5.8212	50.0
Di-n-octyl phthalate	1.268	1.198	0.010	-5.5768	50.0
Benzo(b)fluoranthene	1.173	1.205	0.200	2.7526	50.0
Benzo(k)fluoranthene	1.192	1.223	0.200	2.6743	50.0
Benzo(a)pyrene	1.134	1.171	0.200	3.2403	50.0
Indeno(1,2,3-cd)pyrene	1.429	1.421	0.200	-0.5188	50.0
Dibenzo(a,h)anthracene	1.162	1.185	0.200	1.9318	50.0
Benzo(g,h,i)perylene	1.154	1.175	0.200	1.7946	50.0
2,3,4,6-Tetrachlorophenol	0.360	0.388	0.040	7.6232	50.0
1,4-Dioxane-d8	0.456	0.514	0.010	12.6998	50.0
Pyridine-d5	1.378	1.421	0.010	3.0721	50.0
Phenol-d5	1.687	1.724	0.010	2.229	50.0
Bis-(2-Chloroethyl)ether-d8	1.099	1.156	0.050	5.1613	50.0
2-Chlorophenol-d4	1.211	1.237	0.200	2.0801	50.0
4-Methylphenol-d8	1.305	1.304	0.010	-0.0992	50.0
Nitrobenzene-d5	0.153	0.157	0.050	2.2497	50.0
2-Nitrophenol-d4	0.172	0.175	0.050	1.8279	50.0
2,4-Dichlorophenol-d3	0.313	0.322	0.060	2.8889	50.0
4-Chloroaniline-d4	0.408	0.424	0.010	3.7997	50.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG No.: BP032624
Instrument ID: BNA_P Calibration Date/Time: 3/26/2024 1:23:26
Lab File ID: BP020008.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020766 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.402	1.462	0.300	4.2455	50.0
Acenaphthylene-d8	1.638	1.690	0.400	3.1539	50.0
4-Nitrophenol-d4	0.220	0.211	0.010	-4.2669	50.0
Fluorene-d10	1.195	1.239	0.100	3.7338	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.113	0.010	-5.7577	50.0
Anthracene-d10	0.885	0.918	0.300	3.7407	50.0
Pyrene-d10	1.173	1.099	0.300	-6.3274	50.0
Benzo(a)pyrene-d12	0.961	0.990	0.010	3.0191	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BP032624
Lab Sample ID:	PB159439BL	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
BP019992.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

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

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BP032624
Lab Sample ID:	PB159439BL	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
BP019992.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

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

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BP032624
Lab Sample ID:	PB159439BL	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
BP019992.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

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	6.783		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	32.201		20-120		81	SPK: -40
4165-62-2	Phenol-d5	33.21		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.089		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.856		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	34.901		25-125		87	SPK: -40
4165-60-0	Nitrobenzene-d5	34.193		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.54		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.238		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.702		1-146		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.845		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.481		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.052		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	35.296		25-125		88	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.72		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	34.249		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	36.701		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.682		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138850	7.622				
1146-65-2	Naphthalene-d8	583609	10.363				
15067-26-2	Acenaphthene-d10	388418	14.246				
1517-22-2	Phenanthrene-d10	790026	17.063				



Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BP032624
Lab Sample ID:	PB159439BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019992.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	612388	21.533				
1520-96-3	Perylene-d12	639065	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019993.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	6.1	J	1.1	5	10	ug/L
110-86-1	Pyridine	4.4	J	1.7	10	10	ug/L
108-95-2	Phenol	4.3	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.3	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.3	J	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	4.1	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.5	J	1.9	5	10	ug/L
98-86-2	Acetophenone	4.3	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.1	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.4	J	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	4.3	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.4	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.3	J	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.2	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.3	J	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.3	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.4	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.3	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.3	J	1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.2	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.1	J	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.4	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.3	J	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.3	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.6	J	1.6	2.5	5	ug/L
92-52-4	1,1-Biphenyl	4.4	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.4	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	4	J	1.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019993.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.4	J	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.9	J	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	4.4	J	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.7	J	1.6	5	10	ug/L
83-32-9	Acenaphthene	4.3	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.8	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	3.9	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.5	J	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	4.2	J	1.3	2.5	5	ug/L
86-73-7	Fluorene	4.4	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.3	J	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.9	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.2	J	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.2	J	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.3	J	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.1	J	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.2	J	1.2	2.5	5	ug/L
1912-24-9	Atrazine	4.3	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	4.1	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.3	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.5	J	1.7	2.5	5	ug/L
120-12-7	Anthracene	4	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4	J	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	3.9	J	1.9	5	5	ug/L
129-00-0	Pyrene	4.1	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.7	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.9	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.2	J	1.1	2.5	5	ug/L
218-01-9	Chrysene	4.3	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	J	3	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019993.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4	J	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.2	J	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.3	J	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.2	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	J	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.2	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.217		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	23.574		20-120		59	SPK: -40
4165-62-2	Phenol-d5	22.746		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.21		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.637		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.864		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.889		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.655		20-130		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.658		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.903		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.879		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.047		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.827		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.129		25-125		58	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.784		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	21.294		25-130		53	SPK: -40
1718-52-1	Pyrene-d10	21.031		15-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.781		20-130		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140547	7.593				
1146-65-2	Naphthalene-d8	557744	10.351				
15067-26-2	Acenaphthene-d10	348635	14.228				
1517-22-2	Phenanthrene-d10	726277	17.069				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019993.D	1	3/5/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	678537	21.527				
1520-96-3	Perylene-d12	778061	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019994.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	J	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	200	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	140	J	33	170	330	ug/Kg
108-95-2	Phenol	140	J	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	140	J	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	60	82.5	330	ug/Kg
98-86-2	Acetophenone	150	J	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	140	J	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	J	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	31	42.5	170	ug/Kg
78-59-1	Isophorone	140	J	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	16	42.5	170	ug/Kg
91-20-3	Naphthalene	150	J	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	140	J	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	44	42.5	170	ug/Kg
105-60-2	Caprolactam	140	J	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	J	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	39	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	41	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019994.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	150	J	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	J	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	150	J	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	150	J	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	J	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	120	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	150	J	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	J	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	140	J	30	42.5	170	ug/Kg
86-73-7	Fluorene	150	J	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	J	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	130	J	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	J	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	J	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	J	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	32	42.5	170	ug/Kg
1912-24-9	Atrazine	140	J	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	130	J	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	140	J	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	150	J	52	42.5	170	ug/Kg
120-12-7	Anthracene	130	J	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	J	50	42.5	170	ug/Kg
86-74-8	Carbazole	130	J	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	130	J	54	82.5	170	ug/Kg
129-00-0	Pyrene	140	J	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	27	42.5	170	ug/Kg
218-01-9	Chrysene	140	J	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	96	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019994.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	130	J	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.929		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.267		20-120		58	SPK: -40
4165-62-2	Phenol-d5	22.759		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.292		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.673		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.814		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.929		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.19		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.276		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.786		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.45		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.692		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.764		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.137		20-140		58	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.293		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.908		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.814		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.932		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119975	7.587				
1146-65-2	Naphthalene-d8	487623	10.352				
15067-26-2	Acenaphthene-d10	310219	14.228				
1517-22-2	Phenanthrene-d10	651305	17.063				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019994.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	579496	21.533				
1520-96-3	Perylene-d12	619858	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019995.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100	J	250	190	1900	ug/Kg
100-52-7	Benzaldehyde	5500	J	1300	2300	9400	ug/Kg
110-86-1	Pyridine	4200	J	1600	4700	9400	ug/Kg
108-95-2	Phenol	3900	J	1100	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4100	J	1000	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4000	J	740	1200	4700	ug/Kg
95-48-7	2-Methylphenol	3800	J	820	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4200	J	1900	2300	9400	ug/Kg
98-86-2	Acetophenone	4100	J	920	2300	9400	ug/Kg
106-44-5	4-Methylphenol	3800	J	800	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4000	J	1600	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4200	J	450	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4300	J	890	1200	4700	ug/Kg
78-59-1	Isophorone	4100	J	1000	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4100	J	660	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	3100	J	670	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4100	J	1200	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	3800	J	600	1200	4700	ug/Kg
91-20-3	Naphthalene	4100	J	660	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4000	J	530	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4100	J	1300	1200	4700	ug/Kg
105-60-2	Caprolactam	4400	J	2600	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3900	J	1200	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4300	J	1100	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4100	J	600	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	J	2500	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3600	J	1100	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800	J	720	1200	4700	ug/Kg
92-52-4	1,1-Biphenyl	3900	J	660	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	3800	J	660	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	3900	J	1500	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019995.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4300	J	690	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	1200	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4000	J	750	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3600	J	800	2300	9400	ug/Kg
83-32-9	Acenaphthene	4100	J	770	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	J	2700	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	4100	J	1000	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4300	J	680	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100	J	920	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4400	J	770	1200	4700	ug/Kg
86-73-7	Fluorene	4300	J	670	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4200	J	670	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4200	J	730	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4000	J	2100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3800	J	690	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3700	J	600	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3700	J	670	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	3900	J	760	1200	4700	ug/Kg
1912-24-9	Atrazine	4200	J	1900	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	4000	J	1700	2300	9400	ug/Kg
85-01-8	Phenanthrene	4000	J	790	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	3900	J	1500	1200	4700	ug/Kg
120-12-7	Anthracene	3800	J	640	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3300	J	1600	1200	4700	ug/Kg
86-74-8	Carbazole	4000	J	580	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4100	J	1400	1200	4700	ug/Kg
206-44-0	Fluoranthene	3600	J	1300	2300	4700	ug/Kg
129-00-0	Pyrene	3700	J	1000	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	3600	J	2300	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300	J	1500	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	3900	J	520	1200	4700	ug/Kg
218-01-9	Chrysene	4000	J	740	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	2500	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019995.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4000	J	2500	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000	J	1000	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4100	J	730	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4000	J	1000	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3900	J	860	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	J	730	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900	J	870	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4000	J	920	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.222		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	23.373		20-120		58	SPK: -40
4165-62-2	Phenol-d5	22.595		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.014		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.948		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.804		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.382		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.508		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.153		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.39		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.094		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.643		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.908		20-140		60	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.42		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	21.257		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.535		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.134		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120098	7.605				
1146-65-2	Naphthalene-d8	473531	10.363				
15067-26-2	Acenaphthene-d10	319920	14.251				
1517-22-2	Phenanthrene-d10	724755	17.075				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-02	SDG No.:	BP032624
Lab Sample ID:	P1601-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019995.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	740657	21.545				
1520-96-3	Perylene-d12	824004	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	660	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP032624
Lab Sample ID:	PB159472BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019996.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP032624
Lab Sample ID:	PB159472BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019996.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP032624
Lab Sample ID:	PB159472BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019996.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.263		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	34.428		20-120		86	SPK: -40
4165-62-2	Phenol-d5	34.427		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.182		10-150		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.7		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	35.887		10-140		90	SPK: -40
4165-60-0	Nitrobenzene-d5	35.218		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.608		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.012		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.548		1-145		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.132		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	34.181		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.344		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	36.36		20-140		91	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.758		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	35.36		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	39.811		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.99		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129906	7.564				
1146-65-2	Naphthalene-d8	550195	10.334				
15067-26-2	Acenaphthene-d10	387750	14.234				
1517-22-2	Phenanthrene-d10	811237	17.069				



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

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP032624
Lab Sample ID:	PB159472BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019996.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	613858	21.545				
1520-96-3	Perylene-d12	610241	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	20.433	74	J		20.433	
E966796	Total Alkanes	74				99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BP032624
Lab Sample ID:	PB159474BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019997.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	1700	U	1700	4800	9700	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	760	U	760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	840	U	840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9700	ug/Kg
98-86-2	Acetophenone	940	U	940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	830	U	830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	470	U	470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	910	U	910	1200	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	680	U	680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	620	U	620	1200	4900	ug/Kg
91-20-3	Naphthalene	680	U	680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1200	4900	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	620	U	620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740	U	740	1200	4900	ug/Kg
92-52-4	1,1-Biphenyl	680	U	680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	680	U	680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BP032624
Lab Sample ID:	PB159474BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019997.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	710	U	710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	770	U	770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	830	U	830	2400	9700	ug/Kg
83-32-9	Acenaphthene	800	U	800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	700	U	700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	800	U	800	1200	4900	ug/Kg
86-73-7	Fluorene	690	U	690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	690	U	690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	710	U	710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	690	U	690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	790	U	790	1200	4900	ug/Kg
1912-24-9	Atrazine	1900	U	1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1700	U	1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	820	U	820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1200	4900	ug/Kg
120-12-7	Anthracene	660	U	660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1200	4900	ug/Kg
86-74-8	Carbazole	590	U	590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2400	4900	ug/Kg
129-00-0	Pyrene	1100	U	1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2300	U	2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	530	U	530	1200	4900	ug/Kg
218-01-9	Chrysene	760	U	760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BP032624
Lab Sample ID:	PB159474BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019997.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880	U	880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	U	890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940	U	940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.822		15-120		98	SPK: -8
7291-22-7	Pyridine-d5	38.371		20-120		96	SPK: -40
4165-62-2	Phenol-d5	39.502		10-130		99	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.143		10-150		105	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.733		15-120		99	SPK: -40
190780-66-6	4-Methylphenol-d8	41.985		10-140		105	SPK: -40
4165-60-0	Nitrobenzene-d5	39.581		10-135		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.33		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.32		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	42.302		1-145		106	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.012		10-145		108	SPK: -40
93951-97-4	Acenaphthylene-d8	39.835		15-120		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.034		10-150		95	SPK: -40
81103-79-9	Fluorene-d10	41.195		20-140		103	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.184		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	40.32		10-150		101	SPK: -40
1718-52-1	Pyrene-d10	47.399		10-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.072		10-140		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112399	7.616				
1146-65-2	Naphthalene-d8	496124	10.357				
15067-26-2	Acenaphthene-d10	363056	14.245				
1517-22-2	Phenanthrene-d10	785099	17.063				



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Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BP032624
Lab Sample ID:	PB159474BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019997.D	1	3/6/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	579920	21.527				
1520-96-3	Perylene-d12	535429	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK783	SDG No.:	BP032624
Lab Sample ID:	PB159783BL	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
BP019999.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK783	SDG No.:	BP032624
Lab Sample ID:	PB159783BL	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
BP019999.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK783	SDG No.:	BP032624
Lab Sample ID:	PB159783BL	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
BP019999.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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	7.013		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	24.387		20-120		61	SPK: -40
4165-62-2	Phenol-d5	31.859		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.807		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.898		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.062		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	32.959		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.902		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.912		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.445		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	31.61		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.576		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	34.503		25-125		86	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.067		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	35.529		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	34.586		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.823		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90793	7.599				
1146-65-2	Naphthalene-d8	362551	10.352				
15067-26-2	Acenaphthene-d10	257110	14.24				
1517-22-2	Phenanthrene-d10	574835	17.075				



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Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK783	SDG No.:	BP032624
Lab Sample ID:	PB159783BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019999.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	567473	21.533				
1520-96-3	Perylene-d12	521838	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK785	SDG No.:	BP032624
Lab Sample ID:	PB159785BL	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
BP020000.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK785	SDG No.:	BP032624
Lab Sample ID:	PB159785BL	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
BP020000.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK785	SDG No.:	BP032624
Lab Sample ID:	PB159785BL	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
BP020000.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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	8.179		15-120		102	SPK: -8
7291-22-7	Pyridine-d5	13.023		20-120		33	SPK: -40
4165-62-2	Phenol-d5	36.75		10-130		92	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.748		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.272		20-130		93	SPK: -40
190780-66-6	4-Methylphenol-d8	36.116		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	37.789		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.089		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.158		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.971		1-146		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.19		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.457		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.288		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	38.081		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.633		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	40.905		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	38.727		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.762		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93377	7.605				
1146-65-2	Naphthalene-d8	364639	10.369				
15067-26-2	Acenaphthene-d10	239591	14.24				
1517-22-2	Phenanthrene-d10	481547	17.081				



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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SBLK785	SDG No.:	BP032624
Lab Sample ID:	PB159785BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020000.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	433765	21.539				
1520-96-3	Perylene-d12	487138	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	E0LY4	SDG No.:	BP032624
Lab Sample ID:	P1848-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020001.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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

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:	E0LY4	SDG No.:	BP032624
Lab Sample ID:	P1848-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020001.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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

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:	E0LY4	SDG No.:	BP032624
Lab Sample ID:	P1848-01	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
BP020001.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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	5.919		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	16.86		20-120		42	SPK: -40
4165-62-2	Phenol-d5	8.318		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.052		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.793		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	20.672		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	36.418		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.066		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.034		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	62.803	*	1-146		157	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.969		25-130		107	SPK: -40
93951-97-4	Acenaphthylene-d8	39.661		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.867		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	41.255		25-125		103	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.903		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	43.575		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	47.491		15-130		119	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.561		20-130		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119026	7.61				
1146-65-2	Naphthalene-d8	508248	10.369				
15067-26-2	Acenaphthene-d10	333245	14.251				
1517-22-2	Phenanthrene-d10	631428	17.063				



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:	E0LY4	SDG No.:	BP032624
Lab Sample ID:	P1848-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020001.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	450329	21.539				
1520-96-3	Perylene-d12	487242	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4	J			18.016	
000057-11-4	Octadecanoic acid	2.1	J			19.369	
1000282-98-2	Dichloroacetic acid, heptadecyl es	4.9	J			21.221	
E966796	Total Alkanes	1.1	U			99	ug/L

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:	E0LY4MS	SDG No.:	BP032624
Lab Sample ID:	P1848-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020002.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.9		0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	49		1.1	5.2	10	ug/L
110-86-1	Pyridine	16		1.8	10.3	10	ug/L
108-95-2	Phenol	8.8	J	1.6	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	35		1.4	5.2	10	ug/L
95-57-8	2-Chlorophenol	27		0.94	2.6	5.2	ug/L
95-48-7	2-Methylphenol	22		1.5	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36		2	5.2	10	ug/L
98-86-2	Acetophenone	36		1.5	5.2	10	ug/L
106-44-5	4-Methylphenol	19		1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	36		2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	35		1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	36		1.4	2.6	5.2	ug/L
78-59-1	Isophorone	36		1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	30		0.71	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	35		0.97	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	33		0.97	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.5	2.6	5.2	ug/L
105-60-2	Caprolactam	6.7	J	2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.6	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	35		0.94	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	35		1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	30		3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	38		1.6	2.6	5.2	ug/L
92-52-4	1,1-Biphenyl	37		1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	36		1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	42		1.9	2.6	5.2	ug/L

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:	E0LY4MS	SDG No.:	BP032624
Lab Sample ID:	P1848-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020002.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	39		1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	40		1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	37		1.2	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	41		1.6	5.2	10	ug/L
83-32-9	Acenaphthene	37		0.99	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	36		1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	8.8	J	1.4	5.2	10	ug/L
132-64-9	Dibenzofuran	38		1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.5	2.6	5.2	ug/L
84-66-2	Diethylphthalate	40		1.3	2.6	5.2	ug/L
86-73-7	Fluorene	38		0.97	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	48		0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39		2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	41		1.3	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.4	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	40		0.98	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	40		1.2	2.6	5.2	ug/L
1912-24-9	Atrazine	41		1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	40		2	5.2	10	ug/L
85-01-8	Phenanthrene	40		1.2	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	37		1.8	2.6	5.2	ug/L
120-12-7	Anthracene	41		1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	36		1.8	2.6	5.2	ug/L
86-74-8	Carbazole	43		1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	43		2	2.6	5.2	ug/L
206-44-0	Fluoranthene	37		2	5.2	5.2	ug/L
129-00-0	Pyrene	37		1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	39		2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	41		1.1	2.6	5.2	ug/L
218-01-9	Chrysene	41		1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		3.1	2.6	5.2	ug/L

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:	E0LY4MS	SDG No.:	BP032624
Lab Sample ID:	P1848-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020002.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	40		2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	42		1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	42		1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	41		1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41		1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	42		1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	42		1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.609		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	11.816		20-120		30	SPK: -40
4165-62-2	Phenol-d5	7.943		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.174		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.802		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.626		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	34.158		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.801		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.944		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.879		1-146		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.543		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	35.587		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.973		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	37.852		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.231		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	39.471		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	35.865		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.692		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104008	7.616				
1146-65-2	Naphthalene-d8	413154	10.363				
15067-26-2	Acenaphthene-d10	250563	14.245				
1517-22-2	Phenanthrene-d10	501944	17.08				



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:	E0LY4MS	SDG No.:	BP032624
Lab Sample ID:	P1848-02MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020002.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	502625	21.533				
1520-96-3	Perylene-d12	580287	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	E0LY4MSD	SDG No.:	BP032624
Lab Sample ID:	P1848-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020003.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.9		0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	63		1.1	5.2	10	ug/L
110-86-1	Pyridine	20		1.8	10.3	10	ug/L
108-95-2	Phenol	12		1.6	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	45		1.4	5.2	10	ug/L
95-57-8	2-Chlorophenol	35		0.94	2.6	5.2	ug/L
95-48-7	2-Methylphenol	31		1.5	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47		2	5.2	10	ug/L
98-86-2	Acetophenone	49		1.5	5.2	10	ug/L
106-44-5	4-Methylphenol	27		1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	50		2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	43		1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	44		1.4	2.6	5.2	ug/L
78-59-1	Isophorone	46		1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	42		1.2	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	37		0.71	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	44		1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	40		1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	43		0.97	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	44		0.97	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	40		1.5	2.6	5.2	ug/L
105-60-2	Caprolactam	12		2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48		1.6	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	45		0.94	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	45		1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	33		3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45		2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	48		1.6	2.6	5.2	ug/L
92-52-4	1,1-Biphenyl	41		1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	42		1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	57		1.9	2.6	5.2	ug/L

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:	E0LY4MSD	SDG No.:	BP032624
Lab Sample ID:	P1848-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020003.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	52		1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	56		1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	45		1.2	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	57		1.6	5.2	10	ug/L
83-32-9	Acenaphthene	45		0.99	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	55		1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	14		1.4	5.2	10	ug/L
132-64-9	Dibenzofuran	48		1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	59		1.5	2.6	5.2	ug/L
84-66-2	Diethylphthalate	54		1.3	2.6	5.2	ug/L
86-73-7	Fluorene	51		0.97	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49		1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	66		0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53		2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	52		1.3	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41		1.4	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	50		0.98	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	51		1.2	2.6	5.2	ug/L
1912-24-9	Atrazine	52		1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	55		2	5.2	10	ug/L
85-01-8	Phenanthrene	51		1.2	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	44		1.8	2.6	5.2	ug/L
120-12-7	Anthracene	51		1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	39		1.8	2.6	5.2	ug/L
86-74-8	Carbazole	54		1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	53		2	2.6	5.2	ug/L
206-44-0	Fluoranthene	59		2	5.2	5.2	ug/L
129-00-0	Pyrene	58		1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	54		2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	53		1.1	2.6	5.2	ug/L
218-01-9	Chrysene	52		1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50		3.1	2.6	5.2	ug/L

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:	E0LY4MSD	SDG No.:	BP032624
Lab Sample ID:	P1848-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020003.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	54		2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	57		1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	56		1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	56		1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52		1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	53		1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	52		1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54		1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.879		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	12.823		20-120		32	SPK: -40
4165-62-2	Phenol-d5	10.474		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.305		25-120		108	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.359		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	25.174		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	41.516		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.887		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.238		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	45.486		1-146		114	SPK: -40
85448-30-2	Dimethylphthalate-d6	50.204		25-130		126	SPK: -40
93951-97-4	Acenaphthylene-d8	43.403		10-130		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.058		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	48.527		25-125		121	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	52.041		10-130		130	SPK: -40
1719-06-8	Anthracene-d10	50.14		25-130		125	SPK: -40
1718-52-1	Pyrene-d10	57.07	*	15-130		143	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	52.764	*	20-130		132	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103978		7.622			
1146-65-2	Naphthalene-d8	459200		10.363			
15067-26-2	Acenaphthene-d10	317769		14.257			
1517-22-2	Phenanthrene-d10	677309		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:	E0LY4MSD	SDG No.:	BP032624
Lab Sample ID:	P1848-03MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020003.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	512344	21.539				
1520-96-3	Perylene-d12	465548	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	E0LY6	SDG No.:	BP032624
Lab Sample ID:	P1848-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020004.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

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:	E0LY6	SDG No.:	BP032624
Lab Sample ID:	P1848-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020004.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

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:	E0LY6	SDG No.:	BP032624
Lab Sample ID:	P1848-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020004.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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	6.085		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	9.176		20-120		23	SPK: -40
4165-62-2	Phenol-d5	9.387		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.464		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.309		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	20.519		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	36.3		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.103		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.864		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	47.375		1-146		118	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.359		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	38.033		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.596		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	41.099		25-125		103	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.439		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	40.195		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.381		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.955		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76276	7.616				
1146-65-2	Naphthalene-d8	302633	10.369				
15067-26-2	Acenaphthene-d10	197953	14.245				
1517-22-2	Phenanthrene-d10	438490	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:	E0LY6	SDG No.:	BP032624
Lab Sample ID:	P1848-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020004.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	446683	21.533				
1520-96-3	Perylene-d12	488406	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
022422-34-0	(1R,2R,3S,5R)-(-)-2,3-Pinandediol	2.8	J			12.687	
000057-10-3	n-Hexadecanoic acid	2.8	J			18.016	
E966796	Total Alkanes	1.1	U			99	ug/L

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:	E0LY7	SDG No.:	BP032624
Lab Sample ID:	P1848-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020005.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

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:	E0LY7	SDG No.:	BP032624
Lab Sample ID:	P1848-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020005.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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

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:	E0LY7	SDG No.:	BP032624
Lab Sample ID:	P1848-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020005.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

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	5.934		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	10.128		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.286		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.225		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.735		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	20.142		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	37.249		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.895		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.241		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	40.158		1-146		100	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.326		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	38.922		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.078		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	39.322		25-125		98	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.058		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	42.44		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	44.958		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.024		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90388	7.616				
1146-65-2	Naphthalene-d8	381058	10.363				
15067-26-2	Acenaphthene-d10	238383	14.24				
1517-22-2	Phenanthrene-d10	433684	17.063				



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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:	E0LY7	SDG No.:	BP032624
Lab Sample ID:	P1848-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020005.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	331272	21.527				
1520-96-3	Perylene-d12	360007	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
005350-67-4	Propanenitrile, 2-(dimethylamino)-	3	J			12.687	
000057-10-3	n-Hexadecanoic acid	3.1	J			18.022	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS783	SDG No.:	BP032624
Lab Sample ID:	PB159783BS	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
BP020006.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	35		1.1	5	10	ug/L
110-86-1	Pyridine	28		1.7	10	10	ug/L
108-95-2	Phenol	39		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	39		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	40		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38		1.9	5	10	ug/L
98-86-2	Acetophenone	39		1.5	5	10	ug/L
106-44-5	4-Methylphenol	40		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	39		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	38		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	40		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	39		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	40		1.1	2.5	5	ug/L
91-20-3	Naphthalene	38		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	13		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.5	2.5	5	ug/L
105-60-2	Caprolactam	43		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	38		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	39		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	33		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	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	42		1.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS783	SDG No.:	BP032624
Lab Sample ID:	PB159783BS	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
BP020006.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

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	20		1.6	5	10	ug/L
83-32-9	Acenaphthene	37		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	44		1.4	5	10	ug/L
132-64-9	Dibenzofuran	38		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		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	37		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		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	38		1.2	2.5	5	ug/L
1912-24-9	Atrazine	20		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	39		1.9	5	10	ug/L
85-01-8	Phenanthrene	39		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.7	2.5	5	ug/L
120-12-7	Anthracene	39		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	36		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		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	39		1.1	2.5	5	ug/L
218-01-9	Chrysene	39		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		3	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS783	SDG No.:	BP032624
Lab Sample ID:	PB159783BS	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
BP020006.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	37		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	44		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	44		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	44		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.782		15-120		97	SPK: -8
7291-22-7	Pyridine-d5	30.886		20-120		77	SPK: -40
4165-62-2	Phenol-d5	39.784		10-130		99	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.052		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.117		20-130		98	SPK: -40
190780-66-6	4-Methylphenol-d8	40.169		25-125		100	SPK: -40
4165-60-0	Nitrobenzene-d5	38.111		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.379		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.157		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.386		1-146		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.422		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.5		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.03		10-150		105	SPK: -40
81103-79-9	Fluorene-d10	38.825		25-125		97	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.498		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	38.947		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	35.115		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.87		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83065	7.616				
1146-65-2	Naphthalene-d8	336444	10.363				
15067-26-2	Acenaphthene-d10	222049	14.245				
1517-22-2	Phenanthrene-d10	465287	17.075				



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Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS783	SDG No.:	BP032624
Lab Sample ID:	PB159783BS	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
BP020006.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	480145	21.533				
1520-96-3	Perylene-d12	514216	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS785	SDG No.:	BP032624
Lab Sample ID:	PB159785BS	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
BP020007.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	16		1.1	5	10	ug/L
110-86-1	Pyridine	34		1.7	10	10	ug/L
108-95-2	Phenol	45		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	45		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	45		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	46		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45		1.9	5	10	ug/L
98-86-2	Acetophenone	45		1.5	5	10	ug/L
106-44-5	4-Methylphenol	45		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	46		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	45		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	45		1.4	2.5	5	ug/L
78-59-1	Isophorone	45		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	45		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	44		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	44		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	46		1.1	2.5	5	ug/L
91-20-3	Naphthalene	44		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	43		1.5	2.5	5	ug/L
105-60-2	Caprolactam	53		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	45		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	46		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	40		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46		1.6	2.5	5	ug/L
92-52-4	1,1-Biphenyl	43		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	43		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	50		1.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS785	SDG No.:	BP032624
Lab Sample ID:	PB159785BS	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
BP020007.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	46		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	48		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	45		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	44		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	50		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	53		1.4	5	10	ug/L
132-64-9	Dibenzofuran	45		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	52		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	50		1.3	2.5	5	ug/L
86-73-7	Fluorene	47		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	55		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	42		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	44		1.2	2.5	5	ug/L
1912-24-9	Atrazine	6.7	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	44		1.9	5	10	ug/L
85-01-8	Phenanthrene	46		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	41		1.7	2.5	5	ug/L
120-12-7	Anthracene	46		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	46		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	49		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	41		1.9	5	5	ug/L
129-00-0	Pyrene	42		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	45		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	46		1.1	2.5	5	ug/L
218-01-9	Chrysene	47		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45		3	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS785	SDG No.:	BP032624
Lab Sample ID:	PB159785BS	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
BP020007.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	50		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	50		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	49		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	49		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.702		15-120		109	SPK: -8
7291-22-7	Pyridine-d5	27.407		20-120		69	SPK: -40
4165-62-2	Phenol-d5	43.937		10-130		110	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.346		25-120		108	SPK: -40
93951-73-6	2-Chlorophenol-d4	43.073		20-130		108	SPK: -40
190780-66-6	4-Methylphenol-d8	44.175		25-125		110	SPK: -40
4165-60-0	Nitrobenzene-d5	42.655		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.171		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	44.402		20-120		111	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.658		1-146		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.055		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	43.09		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	50.554		10-150		126	SPK: -40
81103-79-9	Fluorene-d10	44.714		25-125		112	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.562		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	44.121		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	40.853		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.555		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85479	7.616				
1146-65-2	Naphthalene-d8	348609	10.363				
15067-26-2	Acenaphthene-d10	233939	14.24				
1517-22-2	Phenanthrene-d10	518330	17.063				



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

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	SLCS785	SDG No.:	BP032624
Lab Sample ID:	PB159785BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020007.D	1	3/25/2024 12:00:00 AM	3/26/2024 12:00:00 AM	PB159785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	531627	21.522				
1520-96-3	Perylene-d12	577510	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP032624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT1-2024-02						
P1601-02	MDL-WATER-QT1-2024 Water	Total Alkanes	*	0.000	1.1	5	ug/L
		Total Tics :			0.00		
P1601-02	MDL-WATER-QT1-2024 Water	1,1-Biphenyl	4.400	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,2,3,4-Tetrachlorobenzene	4.000	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,2,4,5-Tetrachlorobenzene	4.300	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,4-Dioxane	1.100	J	0.35	2	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1-Methylnaphthalene	4.400	J	0.91	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,2-oxybis(1-Chloropropane)	4.500	J	1.9	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,3,4,6-Tetrachlorophenol	4.100	J	1.5	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4,5-Trichlorophenol	3.600	J	1.6	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4,6-Trichlorophenol	4.000	J	2	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dichlorophenol	4.000	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dimethylphenol	3.300	J	0.69	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dinitrophenol	3.800	J	1.8	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dinitrotoluene	4.100	J	1.5	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,6-Dinitrotoluene	3.900	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Chloronaphthalene	4.400	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Chlorophenol	4.300	J	0.91	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Methylnaphthalene	4.300	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Methylphenol	4.100	J	1.5	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Nitroaniline	4.000	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Nitrophenol	4.200	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	3,3-Dichlorobenzidine	3.900	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	3-Nitroaniline	3.700	J	1.6	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4,6-Dinitro-2-methylphenol	4.200	J	2.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Bromophenyl-phenylether	4.100	J	0.95	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chloro-3-methylphenol	4.100	J	1.6	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chloroaniline	4.300	J	0.94	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chlorophenyl-phenylether	4.300	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Methylphenol	4.100	J	1.7	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Nitroaniline	3.900	J	0.83	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Nitrophenol	3.900	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acenaphthene	4.300	J	0.96	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acenaphthylene	4.400	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acetophenone	4.300	J	1.5	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Anthracene	4.000	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Atrazine	4.300	J	1.8	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Benzaldehyde	6.100	J	1.1	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Benzo(a)anthracene	4.200	J	1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP032624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1601-02	MDL-WATER-QT1-2024	Water Benzo(a)pyrene	4.200	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Benzo(b)fluoranthene	4.200	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Benzo(g,h,i)perylene	4.200	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Benzo(k)fluoranthene	4.300	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Bis(2-Chloroethoxy)methane	4.300	J	1.5	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Bis(2-Chloroethyl)ether	4.300	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Bis(2-ethylhexyl)phthalate	3.900	J	3	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Butylbenzylphthalate	3.700	J	2.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Caprolactam	4.200	J	2.6	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Carbazole	4.000	J	1.1	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Chrysene	4.300	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Di-n-butylphthalate	4.000	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Di-n-octyl phthalate	4.000	J	2.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Dibenzo(a,h)anthracene	4.200	J	1.3	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Dibenzofuran	4.500	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Diethylphthalate	4.200	J	1.3	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Dimethylphthalate	4.400	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Fluoranthene	3.900	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Fluorene	4.400	J	0.94	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Hexachlorobenzene	4.200	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Hexachlorobutadiene	4.300	J	1.5	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Hexachlorocyclopentadiene	4.300	J	3.1	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Hexachloroethane	4.300	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Indeno(1,2,3-cd)pyrene	4.200	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Isophorone	4.300	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water N-Nitroso-di-n-propylamine	4.400	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water N-Nitrosodiphenylamine	4.200	J	1.3	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Naphthalene	4.400	J	0.94	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Nitrobenzene	4.400	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Pentachlorobenzene	4.500	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Pentachlorophenol	4.100	J	1.9	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Phenanthrene	4.300	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Phenol	4.300	J	1.6	10	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Pyrene	4.100	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024	Water Pyridine	4.400	J	1.7	10	ug/L
Total Svoc :			298.80				
Total Concentration:			298.80				
Client ID :	MDL-SOIL-QT1-2024-02						
P1601-04	MDL-SOIL-QT1-2024-02	Solid Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :			0.00				
P1601-04	MDL-SOIL-QT1-2024-02	Solid 1,1-Biphenyl		140.000	J 24	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-02	Solid 1,2,3,4-Tetrachlorobenzene		130.000	J 50	170	ug/Kg

Hit Summary Sheet

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SDG No.: BP032624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	140.000	J	24	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1,4-Dioxane	36.000	J	11	67	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1-Methylnaphthalene	150.000	J	33	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	60	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	33	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	39	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4,6-Trichlorophenol	130.000	J	49	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dichlorophenol	140.000	J	16	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dimethylphenol	110.000	J	25	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrophenol	120.000	J	48	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrotoluene	140.000	J	43	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,6-Dinitrotoluene	130.000	J	44	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Chloronaphthalene	140.000	J	26	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Chlorophenol	140.000	J	23	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Methylnaphthalene	140.000	J	23	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Methylphenol	140.000	J	39	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Nitroaniline	130.000	J	41	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Nitrophenol	140.000	J	31	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	3,3-Dichlorobenzidine	120.000	J	48	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	3-Nitroaniline	130.000	J	44	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4,6-Dinitro-2-methylphenol	130.000	J	77	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Bromophenyl-phenylether	130.000	J	29	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chloro-3-methylphenol	130.000	J	49	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chloroaniline	140.000	J	24	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chlorophenyl-phenylether	140.000	J	20	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Methylphenol	140.000	J	37	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Nitroaniline	130.000	J	31	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Nitrophenol	120.000	J	44	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acenaphthene	150.000	J	29	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acenaphthylene	150.000	J	32	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acetophenone	150.000	J	40	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Anthracene	130.000	J	25	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Atrazine	140.000	J	71	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzaldehyde	200.000	J	45	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)anthracene	140.000	J	27	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)pyrene	140.000	J	32	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(b)fluoranthene	140.000	J	33	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(g,h,i)perylene	140.000	J	26	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethoxy)methane	140.000	J	43	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethyl)ether	140.000	J	40	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	96	170	ug/Kg

Hit Summary Sheet
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SDG No.: BP032624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Butylbenzylphthalate	120.000	J	84	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Caprolactam	140.000	J	72	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Carbazole	130.000	J	28	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Chrysene	140.000	J	31	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Di-n-butylphthalate	130.000	J	61	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Di-n-octyl phthalate	130.000	J	76	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dibenzo(a,h)anthracene	140.000	J	28	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dibenzofuran	150.000	J	32	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Diethylphthalate	140.000	J	30	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dimethylphthalate	150.000	J	29	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Fluoranthene	130.000	J	54	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Fluorene	150.000	J	25	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorobenzene	140.000	J	32	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorobutadiene	140.000	J	44	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorocyclopentadiene	130.000	J	95	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachloroethane	140.000	J	18	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	31	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Isophorone	140.000	J	48	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	N-Nitroso-di-n-propylamine	150.000	J	51	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	N-Nitrosodiphenylamine	140.000	J	33	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Naphthalene	150.000	J	25	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Nitrobenzene	150.000	J	31	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pentachlorobenzene	150.000	J	52	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pentachlorophenol	130.000	J	74	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Phenanthrene	140.000	J	29	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Phenol	140.000	J	43	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pyrene	140.000	J	49	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pyridine	140.000	J	33	330	ug/Kg
Total Svoc :				9,876.00				
Total Concentration:				9,876.00				
Client ID :	MDL-MED-SOIL-QT1-2024-02							
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Total Alkanes	*	0.000	660	4700	ug/Kg
Total Tics :				0.00				
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,1-Biphenyl	3,900.000	J	660	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,2,3,4-Tetrachlorobenzene	3,300.000	J	1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,2,4,5-Tetrachlorobenzene	3,700.000	J	600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,4-Dioxane	1,100.000	J	250	1900	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1-Methylnaphthalene	4,300.000	J	1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,2-oxybis(1-Chloropropane)	4,200.000	J	1900	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,3,4,6-Tetrachlorophenol	4,000.000	J	920	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4,5-Trichlorophenol	3,800.000	J	720	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4,6-Trichlorophenol	3,600.000	J	1100	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP032624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dichlorophenol	3,800.000	J	600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dimethylphenol	3,100.000	J	670	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrophenol	3,700.000	J	2700	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrotoluene	4,100.000	J	920	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,6-Dinitrotoluene	3,900.000	J	1200	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Chloronaphthalene	3,800.000	J	660	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Chlorophenol	4,000.000	J	740	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Methylnaphthalene	4,100.000	J	600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Methylphenol	3,800.000	J	820	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Nitroaniline	3,900.000	J	1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Nitrophenol	4,100.000	J	660	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	3,3-Dichlorobenzidine	3,300.000	J	1500	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	3-Nitroaniline	3,600.000	J	800	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4,6-Dinitro-2-methylphenol	4,000.000	J	2100	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Bromophenyl-phenylether	3,700.000	J	670	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chloro-3-methylphenol	3,900.000	J	1200	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chloroaniline	4,000.000	J	530	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chlorophenyl-phenylether	4,200.000	J	670	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Methylphenol	3,800.000	J	800	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Nitroaniline	4,200.000	J	730	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Nitrophenol	4,100.000	J	1000	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acenaphthene	4,100.000	J	770	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acenaphthylene	4,000.000	J	750	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acetophenone	4,100.000	J	920	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Anthracene	3,800.000	J	640	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Atrazine	4,200.000	J	1900	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzaldehyde	5,500.000	J	1300	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)anthracene	3,900.000	J	520	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)pyrene	4,000.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(b)fluoranthene	4,000.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(g,h,i)perylene	3,900.000	J	870	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(k)fluoranthene	4,100.000	J	730	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethoxy)methane	4,100.000	J	1200	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethyl)ether	4,100.000	J	1000	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	2500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Butylbenzylphthalate	3,600.000	J	2300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Caprolactam	4,400.000	J	2600	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Carbazole	4,000.000	J	580	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Chrysene	4,000.000	J	740	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Di-n-butylphthalate	4,100.000	J	1400	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Di-n-octyl phthalate	4,000.000	J	2500	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dibenzo(a,h)anthracene	3,900.000	J	730	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP032624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dibenzofuran	4,300.000	J	680	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Diethylphthalate	4,400.000	J	770	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dimethylphthalate	4,300.000	J	690	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Fluoranthene	3,600.000	J	1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Fluorene	4,300.000	J	670	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobenzene	3,900.000	J	760	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobutadiene	4,100.000	J	1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorocyclopentadiene	3,600.000	J	2500	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachloroethane	4,200.000	J	450	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Indeno(1,2,3-cd)pyrene	3,900.000	J	860	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Isophorone	4,100.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	N-Nitroso-di-n-propylamine	4,000.000	J	1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	N-Nitrosodiphenylamine	3,800.000	J	690	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Naphthalene	4,100.000	J	660	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Nitrobenzene	4,300.000	J	890	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pentachlorobenzene	3,900.000	J	1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pentachlorophenol	4,000.000	J	1700	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Phenanthrene	4,000.000	J	790	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Phenol	3,900.000	J	1100	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pyrene	3,700.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pyridine	4,200.000	J	1600	9400	ug/Kg

Total Svoc : 283,200.00

Total Concentration: 283,200.00

Client ID : E0LY4

P1848-01	E0LY4	Water	Dichloroacetic acid, heptadecyl es *	4.900	J			
P1848-01	E0LY4	Water	n-Hexadecanoic acid *	4.000	J			
P1848-01	E0LY4	Water	Octadecanoic acid *	2.100	J			
P1848-01	E0LY4	Water	Total Alkanes *	0.000		1.1	5.1	ug/L

Total Tics : 11.00

Total Concentration: 11.00

Client ID : E0LY6

P1848-04	E0LY6	Water	(1R,2R,3S,5R)-(-)-2,3-Pinanediol *	2.800	J			
P1848-04	E0LY6	Water	n-Hexadecanoic acid *	2.800	J			
P1848-04	E0LY6	Water	Total Alkanes *	0.000		1.1	5.1	ug/L

Total Tics : 5.60

Total Concentration: 5.60

Client ID : E0LY7

P1848-05	E0LY7	Water	n-Hexadecanoic acid *	3.100	J			
P1848-05	E0LY7	Water	Propanenitrile, 2-(dimethylamino) *	3.000	J			
P1848-05	E0LY7	Water	Total Alkanes *	0.000		1.1	5	ug/L

Total Tics : 6.10



Hit Summary Sheet
SW-846

SDG No.: BP032624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:			6.10		



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.

Form VI SV-1

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.



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.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624EPA Sample No.: SSTD020604 Date Analyzed: Mar 26 2024 12:00AMLab File ID: BP019954.D Time Analyzed: 10:24Instrument 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	SBLK439	138850	7.62	583609	10.36	388418	14.25
02	MDL-WATER-QT1-2024-02	140547	7.59	557744	10.35	348635	14.23
03	MDL-SOIL-QT1-2024-02	119975	7.59	487623	10.35	310219	14.23
04	MDL-MED-SOIL-QT1-2024-02	120098	7.61	473531	10.36	319920	14.25
05	SBLK472	129906	7.56	550195	10.33	387750	14.23
06	SBLK474	112399	7.62	496124	10.36	363056	14.25
07	SBLK783	90793	7.60	362551	10.35	257110	14.24
08	SBLK785	93377	7.61	364639	10.37	239591	14.24
09	E0LY4	119026	7.61	508248	10.37	333245	14.25
10	E0LY4MS	104008	7.62	413154	10.36	250563	14.25
11	E0LY4MSD	103978	7.62	459200	10.36	317769	14.26
12	E0LY6	76276	7.62	302633	10.37	197953	14.25
13	E0LY7	90388	7.62	381058	10.36	238383	14.24
14	SLCS783	83065	7.62	336444	10.36	222049	14.25
15	SLCS785	85479	7.62	348609	10.36	233939	14.24

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624

EPA Sample No.: SSTD020764 Date Analyzed: Mar 26 2024 12:00AM

Lab File ID: BP019991.D Time Analyzed: 10:24

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	124785	7.616	542513	10.37	380058	14.23
UPPER LIMIT	249570	8.116	1085026	10.869	760116	14.734
LOWER LIMIT	62392.5	7.116	271256.5	9.869	190029	13.734
EPA SAMPLE NO.						
01 SBLK439	138850	7.62	583609	10.36	388418	14.25
02 MDL-WATER-QT1-2024-02	140547	7.59	557744	10.35	348635	14.23
03 MDL-SOIL-QT1-2024-02	119975	7.59	487623	10.35	310219	14.23
04 MDL-MED-SOIL-QT1-2024-02	120098	7.61	473531	10.36	319920	14.25
05 SBLK472	129906	7.56	550195	10.33	387750	14.23
06 SBLK474	112399	7.62	496124	10.36	363056	14.25

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624EPA Sample No.: SSTD020765 Date Analyzed: Mar 26 2024 12:00AMLab File ID: BP019998.D Time Analyzed: 16:15Instrument 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	117569	7.61	475379	10.38	299754	14.23
UPPER LIMIT	235138	8.11	950758	10.875	599508	14.734
LOWER LIMIT	58784.5	7.11	237689.5	9.875	149877	13.734
EPA SAMPLE NO.						
01 SBLK783	90793	7.60	362551	10.35	257110	14.24
02 SBLK785	93377	7.61	364639	10.37	239591	14.24
03 E0LY4	119026	7.61	508248	10.37	333245	14.25
04 E0LY4MS	104008	7.62	413154	10.36	250563	14.25
05 E0LY4MSD	103978	7.62	459200	10.36	317769	14.26
06 E0LY6	76276	7.62	302633	10.37	197953	14.25
07 E0LY7	90388	7.62	381058	10.36	238383	14.24
08 SLCS783	83065	7.62	336444	10.36	222049	14.25
09 SLCS785	85479	7.62	348609	10.36	233939	14.24

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624

EPA Sample No.: SSTD020604 Date Analyzed: Mar 26 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 10:24

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 SBLK439	790026	17.06	612388	21.53	639065	24.82
02 MDL-WATER-QT1-2024-02	726277	17.07	678537	21.53	778061	24.82
03 MDL-SOIL-QT1-2024-02	651305	17.06	579496	21.53	619858	24.81
04 MDL-MED-SOIL-QT1-2024-02	724755	17.08	740657	21.55	824004	24.82
05 SBLK472	811237	17.07	613858	21.55	610241	24.83
06 SBLK474	785099	17.06	579920	21.53	535429	24.82
07 SBLK783	574835	17.08	567473	21.53	521838	24.83
08 SBLK785	481547	17.08	433765	21.54	487138	24.83
09 E0LY4	631428	17.06	450329	21.54	487242	24.81
10 E0LY4MS	501944	17.08	502625	21.53	580287	24.82
11 E0LY4MSD	677309	17.07	512344	21.54	465548	24.81
12 E0LY6	438490	17.07	446683	21.53	488406	24.82
13 E0LY7	433684	17.06	331272	21.53	360007 *	24.80
14 SLCS783	465287	17.08	480145	21.53	514216	24.82
15 SLCS785	518330	17.06	531627	21.52	577510	24.81

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624

EPA Sample No.: SSTD020764 Date Analyzed: Mar 26 2024 12:00AM

Lab File ID: BP019991.D Time Analyzed: 10:24

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	814731	17.075	669819	21.527	627601	24.827
UPPER LIMIT	1629462	17.575	1339638	22.027	1255202	25.327
LOWER LIMIT	407365.5	16.575	334909.5	21.027	313800.5	24.327
EPA SAMPLE NO.						
01 SBLK439	790026	17.06	612388	21.53	639065	24.82
02 MDL-WATER-QT1-2024-02	726277	17.07	678537	21.53	778061	24.82
03 MDL-SOIL-QT1-2024-02	651305	17.06	579496	21.53	619858	24.81
04 MDL-MED-SOIL-QT1-2024-02	724755	17.08	740657	21.55	824004	24.82
05 SBLK472	811237	17.07	613858	21.55	610241	24.83
06 SBLK474	785099	17.06	579920	21.53	535429	24.82

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032624 SAS No.: BP032624 SDG NO.: BP032624

EPA Sample No.: SSTD020765 Date Analyzed: Mar 26 2024 12:00AM

Lab File ID: BP019998.D Time Analyzed: 16:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	582143	17.081	512551	21.533	598676	24.833
UPPER LIMIT	1164286	17.581	1025102	22.033	1197352	25.333
LOWER LIMIT	291071.5	16.581	256275.5	21.033	299338	24.333
EPA SAMPLE NO.						
01 SBLK783	574835	17.08	567473	21.53	521838	24.83
02 SBLK785	481547	17.08	433765	21.54	487138	24.83
03 E0LY4	631428	17.06	450329	21.54	487242	24.81
04 E0LY4MS	501944	17.08	502625	21.53	580287	24.82
05 E0LY4MSD	677309	17.07	512344	21.54	465548	24.81
06 E0LY6	438490	17.07	446683	21.53	488406	24.82
07 E0LY7	433684	17.06	331272	21.53	360007	24.80
08 SLCS783	465287	17.08	480145	21.53	514216	24.82
09 SLCS785	518330	17.06	531627	21.52	577510	24.81

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

SDG No.: BP032624

Client:

Analytical Method: SFAM_SVOC

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159783BS	1,4-Dioxane	16	15	ug/L	94				0	0	
	Benzaldehyde	40	35	ug/L	88				0	0	
	Pyridine	40	28	ug/L	70				0	0	
	Phenol	40	39	ug/L	98				0	0	
	Bis(2-chloroethyl)ether	40	38	ug/L	95				0	0	
	2-Chlorophenol	40	39	ug/L	98				0	0	
	2-Methylphenol	40	40	ug/L	100				0	0	
	2,2-oxybis(1-Chloropropane)	40	38	ug/L	95				0	0	
	Acetophenone	40	39	ug/L	98				0	0	
	4-Methylphenol	40	40	ug/L	100				0	0	
	N-Nitroso-di-n-propylamine	40	39	ug/L	98				0	0	
	Hexachloroethane	40	38	ug/L	95				0	0	
	Nitrobenzene	40	40	ug/L	100				0	0	
	Isophorone	40	38	ug/L	95				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	39	ug/L	98				0	0	
	Bis(2-chloroethoxy)methane	40	37	ug/L	93				0	0	
	2,4-Dichlorophenol	40	40	ug/L	100				0	0	
	Naphthalene	40	38	ug/L	95				0	0	
	4-Chloroaniline	40	13	ug/L	33				0	0	
	Hexachlorobutadiene	40	37	ug/L	93				0	0	
	Caprolactam	40	43	ug/L	108				0	0	
	4-Chloro-3-methylphenol	40	43	ug/L	108				0	0	
	1-Methylnaphthalene	40	38	ug/L	95				0	0	
	2-Methylnaphthalene	40	39	ug/L	98				0	0	
	Hexachlorocyclopentadiene	40	33	ug/L	83				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	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	42	ug/L	105				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	20	ug/L	50				0	0	
	Acenaphthene	40	37	ug/L	93				0	0	
	2,4-Dinitrophenol	40	37	ug/L	93				0	0	
	4-Nitrophenol	40	44	ug/L	110				0	0	
	Dibenzofuran	40	38	ug/L	95				0	0	
	2,4-Dinitrotoluene	40	42	ug/L	105				0	0	
	Diethylphthalate	40	38	ug/L	95				0	0	
	Fluorene	40	38	ug/L	95				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	
	4,6-Dinitro-2-methylphenol	40	39	ug/L	98				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	



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

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159783BS	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	38	ug/L	95				0	0	
	Atrazine	40	20	ug/L	50				0	0	
	Pentachlorophenol	40	39	ug/L	98				0	0	
	Phenanthrene	40	39	ug/L	98				0	0	
	Pentachlorobenzene	40	36	ug/L	90				0	0	
	Anthracene	40	39	ug/L	98				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	36	ug/L	90				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	34	ug/L	85				0	0	
	3,3'-Dichlorobenzidine	40		ug/L					0	0	
	Benzo(a)anthracene	40	39	ug/L	98				0	0	
	Chrysene	40	39	ug/L	98				0	0	
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0	
	Di-n-octylphthalate	40	37	ug/L	93				0	0	
	Benzo(b)fluoranthene	40	44	ug/L	110				0	0	
	Benzo(k)fluoranthene	40	44	ug/L	110				0	0	
	Benzo(a)pyrene	40	44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	40	43	ug/L	108				0	0	
	Dibenzo(a,h)anthracene	40	44	ug/L	110				0	0	
	Benzo(g,h,i)perylene	40	45	ug/L	113				0	0	
	2,3,4,6-Tetrachlorophenol	40	40	ug/L	100				0	0	



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

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159785BS	1,4-Dioxane	16	17	ug/L	106				0	0	
	Benzaldehyde	40	16	ug/L	40				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	45	ug/L	113				0	0	
	Bis(2-chloroethyl)ether	40	45	ug/L	113				0	0	
	2-Chlorophenol	40	45	ug/L	113				0	0	
	2-Methylphenol	40	46	ug/L	115				0	0	
	2,2-oxybis(1-Chloropropane)	40	45	ug/L	113				0	0	
	Acetophenone	40	45	ug/L	113				0	0	
	4-Methylphenol	40	45	ug/L	113				0	0	
	N-Nitroso-di-n-propylamine	40	46	ug/L	115				0	0	
	Hexachloroethane	40	45	ug/L	113				0	0	
	Nitrobenzene	40	45	ug/L	113				0	0	
	Isophorone	40	45	ug/L	113				0	0	
	2-Nitrophenol	40	45	ug/L	113				0	0	
	2,4-Dimethylphenol	40	44	ug/L	110				0	0	
	Bis(2-chloroethoxy)methane	40	44	ug/L	110				0	0	
	2,4-Dichlorophenol	40	46	ug/L	115				0	0	
	Naphthalene	40	44	ug/L	110				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	43	ug/L	108				0	0	
	Caprolactam	40	53	ug/L	133				0	0	
	4-Chloro-3-methylphenol	40	49	ug/L	123				0	0	
	1-Methylnaphthalene	40	45	ug/L	113				0	0	
	2-Methylnaphthalene	40	46	ug/L	115				0	0	
	Hexachlorocyclopentadiene	40	40	ug/L	100				0	0	
	2,4,6-Trichlorophenol	40	43	ug/L	108				0	0	
	2,4,5-Trichlorophenol	40	46	ug/L	115				0	0	
	1,1'-Biphenyl	40	43	ug/L	108				0	0	
	2-Chloronaphthalene	40	43	ug/L	108				0	0	
	2-Nitroaniline	40	50	ug/L	125				0	0	
	Dimethylphthalate	40	46	ug/L	115				0	0	
	2,6-Dinitrotoluene	40	48	ug/L	120				0	0	
	Acenaphthylene	40	45	ug/L	113				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	44	ug/L	110				0	0	
	2,4-Dinitrophenol	40	50	ug/L	125				0	0	
	4-Nitrophenol	40	53	ug/L	133				0	0	
	Dibenzofuran	40	45	ug/L	113				0	0	
	2,4-Dinitrotoluene	40	52	ug/L	130				0	0	
	Diethylphthalate	40	50	ug/L	125				0	0	
	Fluorene	40	47	ug/L	117				0	0	
	4-Chlorophenyl-phenylether	40	45	ug/L	113				0	0	
	4-Nitroaniline	40	55	ug/L	138				0	0	
	4,6-Dinitro-2-methylphenol	40	47	ug/L	117				0	0	
	N-Nitrosodiphenylamine	40	42	ug/L	105				0	0	



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

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159785BS	1,2,4,5-Tetrachlorobenzene	40	42	ug/L	105				0	0	
	4-Bromophenyl-phenylether	40	44	ug/L	110				0	0	
	Hexachlorobenzene	40	44	ug/L	110				0	0	
	Atrazine	40	6.7	ug/L	17				0	0	
	Pentachlorophenol	40	44	ug/L	110				0	0	
	Phenanthrene	40	46	ug/L	115				0	0	
	Pentachlorobenzene	40	41	ug/L	103				0	0	
	Anthracene	40	46	ug/L	115				0	0	
	1,2,3,4-Tetrachlorobenzene	40	39	ug/L	98				0	0	
	Carbazole	40	46	ug/L	115				0	0	
	Di-n-butylphthalate	40	49	ug/L	123				0	0	
	Fluoranthene	40	41	ug/L	103				0	0	
	Pyrene	40	42	ug/L	105				0	0	
	Butylbenzylphthalate	40	45	ug/L	113				0	0	
	3,3'-Dichlorobenzidine	40	0	ug/L	0				0	0	
	Benzo(a)anthracene	40	46	ug/L	115				0	0	
	Chrysene	40	47	ug/L	117				0	0	
	Bis(2-ethylhexyl)phthalate	40	45	ug/L	113				0	0	
	Di-n-octylphthalate	40	50	ug/L	125				0	0	
	Benzo(b)fluoranthene	40	50	ug/L	125				0	0	
	Benzo(k)fluoranthene	40	49	ug/L	123				0	0	
	Benzo(a)pyrene	40	49	ug/L	123				0	0	
	Indeno(1,2,3-cd)pyrene	40	47	ug/L	117				0	0	
	Dibenzo(a,h)anthracene	40	48	ug/L	120				0	0	
	Benzo(g,h,i)perylene	40	47	ug/L	117				0	0	
	2,3,4,6-Tetrachlorophenol	40	47	ug/L	117				0	0	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK439

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP032624SAS No.: BP032624 SDG NO.: BP032624Lab File ID: BP019992.DLab Sample ID: PB159439BLInstrument ID: BNA_PDate Extracted: 03/05/2024Matrix: (soil/water) WaterDate Analyzed: 03/26/2024Level: (low/med) LOWTime Analyzed: 10:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT1-2024-02	P1601-02	BP019993.D	03/26/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK472

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP032624SAS No.: BP032624 SDG NO.: BP032624Lab File ID: BP019996.DLab Sample ID: PB159472BLInstrument ID: BNA_PDate Extracted: 03/06/2024Matrix: (soil/water) SolidDate Analyzed: 03/26/2024Level: (low/med) LOWTime Analyzed: 14:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT1-2024-02	P1601-04	BP019994.D	03/26/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK474

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP032624SAS No.: BP032624 SDG NO.: BP032624Lab File ID: BP019997.DLab Sample ID: PB159474BLInstrument ID: BNA_PDate Extracted: 03/06/2024Matrix: (soil/water) SolidDate Analyzed: 03/26/2024Level: (low/med) MEDTime Analyzed: 14:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT1-2024-02	P1601-06	BP019995.D	03/26/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK783

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP032624SAS No.: BP032624 SDG NO.: BP032624Lab File ID: BP019999.DLab Sample ID: PB159783BLInstrument ID: BNA_PDate Extracted: 03/25/2024Matrix: (soil/water) WaterDate Analyzed: 03/26/2024Level: (low/med) LOWTime Analyzed: 16:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0LY4	P1848-01	BP020001.D	03/26/2024
E0LY4MS	P1848-02MS	BP020002.D	03/26/2024
E0LY4MSD	P1848-03MSD	BP020003.D	03/26/2024
PB159783BS	PB159783BS	BP020006.D	03/26/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK785

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP032624SAS No.: BP032624 SDG NO.: BP032624Lab File ID: BP020000.DLab Sample ID: PB159785BLInstrument ID: BNA_PDate Extracted: 03/25/2024Matrix: (soil/water) WaterDate Analyzed: 03/26/2024Level: (low/med) LOWTime Analyzed: 16:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159785BS	PB159785BS	BP020007.D	03/26/2024
E0LY6	P1848-04	BP020004.D	03/26/2024
E0LY7	P1848-05	BP020005.D	03/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1848-02MS	Client Sample ID:	E0LY4MS					DataFile:	BP020002.D		
1,4-Dioxane	16.5		5.9	ug/L	36				15	120	
Benzaldehyde	41.2		49	ug/L	119				0	0	
Pyridine	41.2		16	ug/L	39				0	0	
Phenol	41.2		8.8	ug/L	21				12	110	
Bis(2-chloroethyl)ether	41.2		35	ug/L	85				0	0	
2-Chlorophenol	41.2		27	ug/L	66				27	123	
2-Methylphenol	41.2		22	ug/L	53				0	0	
2,2-oxybis(1-Chloropropane)	41.2		36	ug/L	87				0	0	
Acetophenone	41.2		36	ug/L	87				0	0	
4-Methylphenol	41.2		19	ug/L	46				0	0	
N-Nitroso-di-n-propylamine	41.2		36	ug/L	87				41	116	
Hexachloroethane	41.2		35	ug/L	85				0	0	
Nitrobenzene	41.2		36	ug/L	87				0	0	
Isophorone	41.2		36	ug/L	87				0	0	
2-Nitrophenol	41.2		34	ug/L	83				0	0	
2,4-Dimethylphenol	41.2		30	ug/L	73				0	0	
Bis(2-chloroethoxy)methane	41.2		35	ug/L	85				0	0	
2,4-Dichlorophenol	41.2		32	ug/L	78				0	0	
Naphthalene	41.2		35	ug/L	85				0	0	
4-Chloroaniline	41.2		33	ug/L	80				0	0	
Hexachlorobutadiene	41.2		34	ug/L	83				0	0	
Caprolactam	41.2		6.7	ug/L	16				0	0	
4-Chloro-3-methylphenol	41.2		34	ug/L	83				23	97	
1-Methylnaphthalene	41.2		35	ug/L	85				0	0	
2-Methylnaphthalene	41.2		35	ug/L	85				0	0	
Hexachlorocyclopentadiene	41.2		30	ug/L	73				0	0	
2,4,6-Trichlorophenol	41.2		36	ug/L	87				0	0	
2,4,5-Trichlorophenol	41.2		38	ug/L	92				0	0	
1,1'-Biphenyl	41.2		37	ug/L	90				0	0	
2-Chloronaphthalene	41.2		36	ug/L	87				0	0	
2-Nitroaniline	41.2		42	ug/L	102				0	0	
Dimethylphthalate	41.2		39	ug/L	95				0	0	
2,6-Dinitrotoluene	41.2		40	ug/L	97				0	0	
Acenaphthylene	41.2		37	ug/L	90				0	0	
3-Nitroaniline	41.2		41	ug/L	100				0	0	
Acenaphthene	41.2		37	ug/L	90				46	118	
2,4-Dinitrophenol	41.2		36	ug/L	87				0	0	
4-Nitrophenol	41.2		8.8	ug/L	21				10	80	
Dibenzofuran	41.2		38	ug/L	92				0	0	
2,4-Dinitrotoluene	41.2		42	ug/L	102	*			24	96	
Diethylphthalate	41.2		40	ug/L	97				0	0	
Fluorene	41.2		38	ug/L	92				0	0	
4-Chlorophenyl-phenylether	41.2		38	ug/L	92				0	0	
4-Nitroaniline	41.2		48	ug/L	117				0	0	
4,6-Dinitro-2-methylphenol	41.2		39	ug/L	95				0	0	
N-Nitrosodiphenylamine	41.2		41	ug/L	100				0	0	
1,2,4,5-Tetrachlorobenzene	41.2		36	ug/L	87				0	0	



Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	RPD
		Result				Qual		Qual		High	
4-Bromophenyl-phenylether	41.2		40	ug/L	97				0	0	
Hexachlorobenzene	41.2		40	ug/L	97				0	0	
Atrazine	41.2		41	ug/L	100				0	0	
Pentachlorophenol	41.2		40	ug/L	97				9	103	
Phenanthrene	41.2		40	ug/L	97				0	0	
Pentachlorobenzene	41.2		37	ug/L	90				0	0	
Anthracene	41.2		41	ug/L	100				0	0	
1,2,3,4-Tetrachlorobenzene	41.2		36	ug/L	87				0	0	
Carbazole	41.2		43	ug/L	104				0	0	
Di-n-butylphthalate	41.2		43	ug/L	104				0	0	
Fluoranthene	41.2		37	ug/L	90				0	0	
Pyrene	41.2		37	ug/L	90				26	127	
Butylbenzylphthalate	41.2		39	ug/L	95				0	0	
3,3'-Dichlorobenzidine	41.2		26	ug/L	63				0	0	
Benzo(a)anthracene	41.2		41	ug/L	100				0	0	
Chrysene	41.2		41	ug/L	100				0	0	
Bis(2-ethylhexyl)phthalate	41.2		39	ug/L	95				0	0	
Di-n-octylphthalate	41.2		40	ug/L	97				0	0	
Benzo(b)fluoranthene	41.2		42	ug/L	102				0	0	
Benzo(k)fluoranthene	41.2		42	ug/L	102				0	0	
Benzo(a)pyrene	41.2		41	ug/L	100				0	0	
Indeno(1,2,3-cd)pyrene	41.2		41	ug/L	100				0	0	
Dibenzo(a,h)anthracene	41.2		42	ug/L	102				0	0	
Benzo(g,h,i)perylene	41.2		42	ug/L	102				0	0	
2,3,4,6-Tetrachlorophenol	41.2		38	ug/L	92				0	0	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: **BP032624**

Client: _____

Analytical Method: **SFAM_SVOC**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1848-03MSD	Client Sample ID:	E0LY4MSD					DataFile:	BP020003.D		
1,4-Dioxane	16.5		6.9	ug/L	42		15		15	120	50
Benzaldehyde	41.2		63	ug/L	153		25	*	0	0	0
Pyridine	41.2		20	ug/L	49		23	*	0	0	0
Phenol	41.2		12	ug/L	29		32		12	110	42
Bis(2-chloroethyl)ether	41.2		45	ug/L	109		25	*	0	0	0
2-Chlorophenol	41.2		35	ug/L	85		25		27	123	40
2-Methylphenol	41.2		31	ug/L	75		34	*	0	0	0
2,2-oxybis(1-Chloropropane)	41.2		47	ug/L	114		27	*	0	0	0
Acetophenone	41.2		49	ug/L	119		31	*	0	0	0
4-Methylphenol	41.2		27	ug/L	66		36	*	0	0	0
N-Nitroso-di-n-propylamine	41.2		50	ug/L	121	*	33		41	116	38
Hexachloroethane	41.2		43	ug/L	104		20	*	0	0	0
Nitrobenzene	41.2		44	ug/L	107		21	*	0	0	0
Isophorone	41.2		46	ug/L	112		25	*	0	0	0
2-Nitrophenol	41.2		42	ug/L	102		21	*	0	0	0
2,4-Dimethylphenol	41.2		37	ug/L	90		21	*	0	0	0
Bis(2-chloroethoxy)methane	41.2		44	ug/L	107		23	*	0	0	0
2,4-Dichlorophenol	41.2		40	ug/L	97		22	*	0	0	0
Naphthalene	41.2		43	ug/L	104		20	*	0	0	0
4-Chloroaniline	41.2		44	ug/L	107		29	*	0	0	0
Hexachlorobutadiene	41.2		40	ug/L	97		16	*	0	0	0
Caprolactam	41.2		12	ug/L	29		58	*	0	0	0
4-Chloro-3-methylphenol	41.2		48	ug/L	117	*	34		23	97	42
1-Methylnaphthalene	41.2		45	ug/L	109		25	*	0	0	0
2-Methylnaphthalene	41.2		45	ug/L	109		25	*	0	0	0
Hexachlorocyclopentadiene	41.2		33	ug/L	80		9	*	0	0	0
2,4,6-Trichlorophenol	41.2		45	ug/L	109		22	*	0	0	0
2,4,5-Trichlorophenol	41.2		48	ug/L	117		24	*	0	0	0
1,1'-Biphenyl	41.2		41	ug/L	100		11	*	0	0	0
2-Chloronaphthalene	41.2		42	ug/L	102		16	*	0	0	0
2-Nitroaniline	41.2		57	ug/L	138		30	*	0	0	0
Dimethylphthalate	41.2		52	ug/L	126		28	*	0	0	0
2,6-Dinitrotoluene	41.2		56	ug/L	136		33	*	0	0	0
Acenaphthylene	41.2		45	ug/L	109		19	*	0	0	0
3-Nitroaniline	41.2		57	ug/L	138		32	*	0	0	0
Acenaphthene	41.2		45	ug/L	109		19		46	118	31
2,4-Dinitrophenol	41.2		55	ug/L	133		42	*	0	0	0
4-Nitrophenol	41.2		14	ug/L	34		47		10	80	50
Dibenzofuran	41.2		48	ug/L	117		24	*	0	0	0
2,4-Dinitrotoluene	41.2		59	ug/L	143	*	33		24	96	38
Diethylphthalate	41.2		54	ug/L	131		30	*	0	0	0
Fluorene	41.2		51	ug/L	124		30	*	0	0	0
4-Chlorophenyl-phenylether	41.2		49	ug/L	119		26	*	0	0	0
4-Nitroaniline	41.2		66	ug/L	160		31	*	0	0	0
4,6-Dinitro-2-methylphenol	41.2		53	ug/L	129		30	*	0	0	0
N-Nitrosodiphenylamine	41.2		52	ug/L	126		23	*	0	0	0
1,2,4,5-Tetrachlorobenzene	41.2		41	ug/L	100		14	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
						Qual		Qual		High	RPD
4-Bromophenyl-phenylether	41.2		50	ug/L	121		22	*	0	0	0
Hexachlorobenzene	41.2		51	ug/L	124		24	*	0	0	0
Atrazine	41.2		52	ug/L	126		23	*	0	0	0
Pentachlorophenol	41.2		55	ug/L	133	*	31		9	103	50
Phenanthrene	41.2		51	ug/L	124		24	*	0	0	0
Pentachlorobenzene	41.2		44	ug/L	107		17	*	0	0	0
Anthracene	41.2		51	ug/L	124		21	*	0	0	0
1,2,3,4-Tetrachlorobenzene	41.2		39	ug/L	95		9	*	0	0	0
Carbazole	41.2		54	ug/L	131		23	*	0	0	0
Di-n-butylphthalate	41.2		53	ug/L	129		21	*	0	0	0
Fluoranthene	41.2		59	ug/L	143		45	*	0	0	0
Pyrene	41.2		58	ug/L	141	*	44	*	26	127	31
Butylbenzylphthalate	41.2		54	ug/L	131		32	*	0	0	0
3,3'-Dichlorobenzidine	41.2		24	ug/L	58		8	*	0	0	0
Benzo(a)anthracene	41.2		53	ug/L	129		25	*	0	0	0
Chrysene	41.2		52	ug/L	126		23	*	0	0	0
Bis(2-ethylhexyl)phthalate	41.2		50	ug/L	121		24	*	0	0	0
Di-n-octylphthalate	41.2		54	ug/L	131		30	*	0	0	0
Benzo(b)fluoranthene	41.2		57	ug/L	138		30	*	0	0	0
Benzo(k)fluoranthene	41.2		56	ug/L	136		29	*	0	0	0
Benzo(a)pyrene	41.2		56	ug/L	136		31	*	0	0	0
Indeno(1,2,3-cd)pyrene	41.2		52	ug/L	126		23	*	0	0	0
Dibenzo(a,h)anthracene	41.2		53	ug/L	129		23	*	0	0	0
Benzo(g,h,i)perylene	41.2		52	ug/L	126		21	*	0	0	0
2,3,4,6-Tetrachlorophenol	41.2		54	ug/L	131		35	*	0	0	0



Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-02	MDL-WATER-QT1	BP019993.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Pyridine-d5	40	23.57	59		20	120
			Phenol-d5	40	22.75	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.21	58		25	120
			2-Chlorophenol-d4	40	22.64	57		20	130
			4-Methylphenol-d8	40	21.86	55		25	125
			Nitrobenzene-d5	40	22.89	57		20	125
			2-Nitrophenol-d4	40	22.66	57		20	130
			2,4-Dichlorophenol-d3	40	21.66	54		20	120
			4-Chloroaniline-d4	40	21.90	55		1	146
			Dimethylphthalate-d6	40	22.88	57		25	130
			Acenaphthylene-d8	40	23.05	58		10	130
			4-Nitrophenol-d4	40	18.83	47		10	150
			Fluorene-d10	40	23.13	58		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.78	47		10	130
			Anthracene-d10	40	21.29	53		25	130
			Pyrene-d10	40	21.03	53		15	130
			Benzo(a)pyrene-d12	40	22.78	57		20	130
PB159439BL	PB159439BL	BP019992.D	Pyridine-d5	40	32.20	81		20	120
			1,4-Dioxane-d8	8	6.78	85		15	120
			Phenol-d5	40	33.21	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.09	90		25	120
			2-Chlorophenol-d4	40	33.86	85		20	130
			4-Methylphenol-d8	40	34.90	87		25	125
			Nitrobenzene-d5	40	34.19	85		20	125
			2-Nitrophenol-d4	40	34.54	86		20	130
			2,4-Dichlorophenol-d3	40	31.24	78		20	120
			4-Chloroaniline-d4	40	34.70	87		1	146
			Dimethylphthalate-d6	40	35.85	90		25	130
			Acenaphthylene-d8	40	34.48	86		10	130
			4-Nitrophenol-d4	40	30.05	75		10	150
			Fluorene-d10	40	35.30	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.72	74		10	130
			Anthracene-d10	40	34.25	86		25	130
			Pyrene-d10	40	36.70	92		15	130
			Benzo(a)pyrene-d12	40	35.68	89		20	130

Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-04	MDL-SOIL-QT1-2(BP019994.D		1,4-Dioxane-d8	8	4.93	62		15	120
			Pyridine-d5	40	23.27	58		20	120
			Phenol-d5	40	22.76	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.29	58		10	150
			2-Chlorophenol-d4	40	22.67	57		15	120
			4-Methylphenol-d8	40	21.81	55		10	140
			Nitrobenzene-d5	40	22.93	57		10	135
			2-Nitrophenol-d4	40	22.19	55		10	120
			2,4-Dichlorophenol-d3	40	21.28	53		10	140
			4-Chloroaniline-d4	40	21.79	54		1	145
			Dimethylphthalate-d6	40	22.45	56		10	145
			Acenaphthylene-d8	40	22.69	57		15	120
			4-Nitrophenol-d4	40	18.76	47		10	150
			Fluorene-d10	40	23.14	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.29	46		10	130
			Anthracene-d10	40	20.91	52		10	150
			Pyrene-d10	40	21.81	55		10	130
			Benzo(a)pyrene-d12	40	22.93	57		10	140
PB159472BL	PB159472BL	BP019996.D	1,4-Dioxane-d8	8	7.26	91		15	120
			Pyridine-d5	40	34.43	86		20	120
			Phenol-d5	40	34.43	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.18	93		10	150
			2-Chlorophenol-d4	40	34.70	87		15	120
			4-Methylphenol-d8	40	35.89	90		10	140
			Nitrobenzene-d5	40	35.22	88		10	135
			2-Nitrophenol-d4	40	35.61	89		10	120
			2,4-Dichlorophenol-d3	40	30.01	75		10	140
			4-Chloroaniline-d4	40	36.55	91		1	145
			Dimethylphthalate-d6	40	37.13	93		10	145
			Acenaphthylene-d8	40	34.18	85		15	120
			4-Nitrophenol-d4	40	30.34	76		10	150
			Fluorene-d10	40	36.36	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.76	79		10	130
			Anthracene-d10	40	35.36	88		10	150
			Pyrene-d10	40	39.81	100		10	130
			Benzo(a)pyrene-d12	40	37.99	95		10	140

Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-06	MDL-MED-SOIL-(BP019995.D		Pyridine-d5	40	23.37	58		20	120
			1,4-Dioxane-d8	8	5.22	65		15	120
			Phenol-d5	40	22.60	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.00	57		10	150
			2-Chlorophenol-d4	40	23.01	58		15	120
			4-Methylphenol-d8	40	21.95	55		10	140
			Nitrobenzene-d5	40	22.80	57		10	135
			2-Nitrophenol-d4	40	22.38	56		10	120
			2,4-Dichlorophenol-d3	40	21.51	54		10	140
			4-Chloroaniline-d4	40	22.15	55		1	145
			Dimethylphthalate-d6	40	23.39	58		10	145
			Acenaphthylene-d8	40	22.09	55		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	23.91	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.42	49		10	130
			Anthracene-d10	40	21.26	53		10	150
			Pyrene-d10	40	20.54	51		10	130
			Benzo(a)pyrene-d12	40	23.13	58		10	140
PB159474BL	PB159474BL	BP019997.D	1,4-Dioxane-d8	8	7.82	98		15	120
			Pyridine-d5	40	38.37	96		20	120
			Phenol-d5	40	39.50	99		10	130
			Bis(2-Chloroethyl)ether-d8	40	42.14	105		10	150
			2-Chlorophenol-d4	40	39.73	99		15	120
			4-Methylphenol-d8	40	41.99	105		10	140
			Nitrobenzene-d5	40	39.58	99		10	135
			2-Nitrophenol-d4	40	40.33	101		10	120
			2,4-Dichlorophenol-d3	40	36.32	91		10	140
			4-Chloroaniline-d4	40	42.30	106		1	145
			Dimethylphthalate-d6	40	43.01	108		10	145
			Acenaphthylene-d8	40	39.84	100		15	120
			4-Nitrophenol-d4	40	38.03	95		10	150
			Fluorene-d10	40	41.20	103		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.18	90		10	130
			Anthracene-d10	40	40.32	101		10	150
			Pyrene-d10	40	47.40	118		10	130
			Benzo(a)pyrene-d12	40	43.07	108		10	140

Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1848-01	E0LY4	BP020001.D	1,4-Dioxane-d8	8	5.92	74		15	120
			Pyridine-d5	40	16.86	42		20	120
			Phenol-d5	40	8.32	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.05	95		25	120
			2-Chlorophenol-d4	40	28.79	72		20	130
			4-Methylphenol-d8	40	20.67	52		25	125
			Nitrobenzene-d5	40	36.42	91		20	125
			2-Nitrophenol-d4	40	35.07	88		20	130
			2,4-Dichlorophenol-d3	40	34.03	85		20	120
			4-Chloroaniline-d4	40	62.80	157	*	1	146
			Dimethylphthalate-d6	40	42.97	107		25	130
			Acenaphthylene-d8	40	39.66	99		10	130
			4-Nitrophenol-d4	40	6.87	17		10	150
			Fluorene-d10	40	41.26	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.90	95		10	130
			Anthracene-d10	40	43.58	109		25	130
			Pyrene-d10	40	47.49	119		15	130
			Benzo(a)pyrene-d12	40	46.56	116		20	130
P1848-02MS	E0LY4MS	BP020002.D	1,4-Dioxane-d8	8	5.61	70		15	120
			Pyridine-d5	40	11.82	30		20	120
			Phenol-d5	40	7.94	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.17	83		25	120
			2-Chlorophenol-d4	40	25.80	65		20	130
			4-Methylphenol-d8	40	17.63	44		25	125
			Nitrobenzene-d5	40	34.16	85		20	125
			2-Nitrophenol-d4	40	31.80	80		20	130
			2,4-Dichlorophenol-d3	40	30.94	77		20	120
			4-Chloroaniline-d4	40	36.88	92		1	146
			Dimethylphthalate-d6	40	37.54	94		25	130
			Acenaphthylene-d8	40	35.59	89		10	130
			4-Nitrophenol-d4	40	7.97	20		10	150
			Fluorene-d10	40	37.85	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.23	93		10	130
			Anthracene-d10	40	39.47	99		25	130
			Pyrene-d10	40	35.87	90		15	130
			Benzo(a)pyrene-d12	40	40.69	102		20	130
P1848-03MSD	E0LY4MSD	BP020003.D	1,4-Dioxane-d8	8	5.88	73		15	120
			Pyridine-d5	40	12.82	32		20	120
			Phenol-d5	40	10.47	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.31	108		25	120
			2-Chlorophenol-d4	40	33.36	83		20	130
			4-Methylphenol-d8	40	25.17	63		25	125
			Nitrobenzene-d5	40	41.52	104		20	125
			2-Nitrophenol-d4	40	39.89	100		20	130
			2,4-Dichlorophenol-d3	40	39.24	98		20	120
			4-Chloroaniline-d4	40	45.49	114		1	146
			Dimethylphthalate-d6	40	50.20	126		25	130
			Acenaphthylene-d8	40	43.40	109		10	130
			4-Nitrophenol-d4	40	13.06	33		10	150
			Fluorene-d10	40	48.53	121		25	125
			4,6-Dinitro-2-methylphenol-d2	40	52.04	130		10	130



Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1848-03MSD	E0LY4MSD	BP020003.D	Anthracene-d10	40	50.14	125		25	130
			Pyrene-d10	40	57.07	143	*	15	130
			Benzo(a)pyrene-d12	40	52.76	132	*	20	130
PB159783BL	PB159783BL	BP019999.D	Pyridine-d5	40	24.39	61		20	120
			1,4-Dioxane-d8	8	7.01	88		15	120
			Phenol-d5	40	31.86	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.81	85		25	120
			2-Chlorophenol-d4	40	32.90	82		20	130
			4-Methylphenol-d8	40	31.06	78		25	125
			Nitrobenzene-d5	40	32.96	82		20	125
			2-Nitrophenol-d4	40	32.90	82		20	130
			2,4-Dichlorophenol-d3	40	27.91	70		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	36.45	91		25	130
			Acenaphthylene-d8	40	31.61	79		10	130
			4-Nitrophenol-d4	40	35.58	89		10	150
			Fluorene-d10	40	34.50	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.07	78		10	130
			Anthracene-d10	40	35.53	89		25	130
			Pyrene-d10	40	34.59	86		15	130
			Benzo(a)pyrene-d12	40	34.82	87		20	130
PB159783BS	PB159783BS	BP020006.D	1,4-Dioxane-d8	8	7.78	97		15	120
			Pyridine-d5	40	30.89	77		20	120
			Phenol-d5	40	39.78	99		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.05	95		25	120
			2-Chlorophenol-d4	40	39.12	98		20	130
			4-Methylphenol-d8	40	40.17	100		25	125
			Nitrobenzene-d5	40	38.11	95		20	125
			2-Nitrophenol-d4	40	38.38	96		20	130
			2,4-Dichlorophenol-d3	40	39.16	98		20	120
			4-Chloroaniline-d4	40	6.39	16		1	146
			Dimethylphthalate-d6	40	38.42	96		25	130
			Acenaphthylene-d8	40	37.50	94		10	130
			4-Nitrophenol-d4	40	42.03	105		10	150
			Fluorene-d10	40	38.83	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.50	101		10	130
			Anthracene-d10	40	38.95	97		25	130
			Pyrene-d10	40	35.12	88		15	130
			Benzo(a)pyrene-d12	40	37.87	95		20	130

Surrogate Summary

SW-846

SDG No.: BP032624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1848-04	E0LY6	BP020004.D	Pyridine-d5	40	9.18	23		20	120
			1,4-Dioxane-d8	8	6.09	76		15	120
			Phenol-d5	40	9.39	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.46	94		25	120
			2-Chlorophenol-d4	40	29.31	73		20	130
			4-Methylphenol-d8	40	20.52	51		25	125
			Nitrobenzene-d5	40	36.30	91		20	125
			2-Nitrophenol-d4	40	34.10	85		20	130
			2,4-Dichlorophenol-d3	40	33.86	85		20	120
			4-Chloroaniline-d4	40	47.38	118		1	146
			Dimethylphthalate-d6	40	41.36	103		25	130
			Acenaphthylene-d8	40	38.03	95		10	130
			4-Nitrophenol-d4	40	7.60	19		10	150
			Fluorene-d10	40	41.10	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.44	49		10	130
			Anthracene-d10	40	40.20	100		25	130
			Pyrene-d10	40	38.38	96		15	130
			Benzo(a)pyrene-d12	40	41.96	105		20	130
P1848-05	E0LY7	BP020005.D	1,4-Dioxane-d8	8	5.93	74		15	120
			Pyridine-d5	40	10.13	25		20	120
			Phenol-d5	40	8.29	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.23	98		25	120
			2-Chlorophenol-d4	40	29.74	74		20	130
			4-Methylphenol-d8	40	20.14	50		25	125
			Nitrobenzene-d5	40	37.25	93		20	125
			2-Nitrophenol-d4	40	36.90	92		20	130
			2,4-Dichlorophenol-d3	40	33.24	83		20	120
			4-Chloroaniline-d4	40	40.16	100		1	146
			Dimethylphthalate-d6	40	40.33	101		25	130
			Acenaphthylene-d8	40	38.92	97		10	130
			4-Nitrophenol-d4	40	6.08	15		10	150
			Fluorene-d10	40	39.32	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.06	80		10	130
			Anthracene-d10	40	42.44	106		25	130
			Pyrene-d10	40	44.96	112		15	130
			Benzo(a)pyrene-d12	40	45.02	113		20	130
PB159785BL	PB159785BL	BP020000.D	1,4-Dioxane-d8	8	8.18	102		15	120
			Pyridine-d5	40	13.02	33		20	120
			Phenol-d5	40	36.75	92		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.75	97		25	120
			2-Chlorophenol-d4	40	37.27	93		20	130
			4-Methylphenol-d8	40	36.12	90		25	125
			Nitrobenzene-d5	40	37.79	94		20	125
			2-Nitrophenol-d4	40	38.09	95		20	130
			2,4-Dichlorophenol-d3	40	35.16	88		20	120
			4-Chloroaniline-d4	40	3.97	10		1	146
			Dimethylphthalate-d6	40	38.19	95		25	130
			Acenaphthylene-d8	40	37.46	94		10	130
			4-Nitrophenol-d4	40	31.29	78		10	150
			Fluorene-d10	40	38.08	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.63	84		10	130



Surrogate Summary
SW-846

SDG No.: BP032624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159785BL	PB159785BL	BP020000.D	Anthracene-d10	40	40.91	102		25	130
			Pyrene-d10	40	38.73	97		15	130
			Benzo(a)pyrene-d12	40	40.76	102		20	130
PB159785BS	PB159785BS	BP020007.D	1,4-Dioxane-d8	8	8.70	109		15	120
			Pyridine-d5	40	27.41	69		20	120
			Phenol-d5	40	43.94	110		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.35	108		25	120
			2-Chlorophenol-d4	40	43.07	108		20	130
			4-Methylphenol-d8	40	44.18	110		25	125
			Nitrobenzene-d5	40	42.66	107		20	125
			2-Nitrophenol-d4	40	43.17	108		20	130
			2,4-Dichlorophenol-d3	40	44.40	111		20	120
			4-Chloroaniline-d4	40	9.66	24		1	146
			Dimethylphthalate-d6	40	45.06	113		25	130
			Acenaphthylene-d8	40	43.09	108		10	130
			4-Nitrophenol-d4	40	50.55	126		10	150
			Fluorene-d10	40	44.71	112		25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.56	114		10	130
			Anthracene-d10	40	44.12	110		25	130
			Pyrene-d10	40	40.85	102		15	130
			Benzo(a)pyrene-d12	40	45.56	114		20	130



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP032624

Lab Code: CHEM

SAS No.: BP032624 SDG NO.: BP032624

Lab File ID: BP019990.D

DFTPP Injection Date: 03/26/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	42.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	66.6
443	15.0 - 24.0% of mass 442	12.7 (19) 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
SSTD020764	SSTDCCC020	BP019991.D	03/26/2024	09:42
SBLK439	PB159439BL	BP019992.D	03/26/2024	10:24
MDL-WATER-QT1-2024-02	P1601-02	BP019993.D	03/26/2024	11:14
MDL-SOIL-QT1-2024-02	P1601-04	BP019994.D	03/26/2024	12:01
MDL-MED-SOIL-QT1-2024-02	P1601-06	BP019995.D	03/26/2024	12:46
SBLK472	PB159472BL	BP019996.D	03/26/2024	14:02
SBLK474	PB159474BL	BP019997.D	03/26/2024	14:45
SSTD020765	SSTDCCC020	BP019998.D	03/26/2024	15:28
SBLK783	PB159783BL	BP019999.D	03/26/2024	16:15
SBLK785	PB159785BL	BP020000.D	03/26/2024	16:59
E0LY4	P1848-01	BP020001.D	03/26/2024	17:42
E0LY4MS	P1848-02MS	BP020002.D	03/26/2024	18:25
E0LY4MSD	P1848-03MSD	BP020003.D	03/26/2024	19:09
E0LY6	P1848-04	BP020004.D	03/26/2024	19:52
E0LY7	P1848-05	BP020005.D	03/26/2024	20:35
SLCS783	PB159783BS	BP020006.D	03/26/2024	21:18
SLCS785	PB159785BS	BP020007.D	03/26/2024	22:00
SSTD020766	SSTDCCC020EC	BP020008.D	03/26/2024	23:26