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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 9/30/2024 12 14:38

Lab File ID: BP022112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020777 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.517	0.010	-6.596	40.0
Benzaldehyde	0.925	1.083	0.010	16.9957	40.0
Pyridine	1.483	1.463	0.010	-1.3449	40.0
Phenol	1.707	1.598	0.080	-6.3808	20.0
Bis(2-Chloroethyl)ether	1.307	1.189	0.100	-8.9838	20.0
2-Chlorophenol	1.227	1.230	0.200	0.264	20.0
2-Methylphenol	1.238	1.136	0.010	-8.2926	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.040	0.010	-14.188	40.0
Acetophenone	2.156	2.029	0.060	-5.9028	20.0
4-Methylphenol	1.350	1.221	0.010	-9.5958	20.0
N-Nitroso-di-n-propylamine	1.118	1.046	0.050	-6.412	30.0
Hexachloroethane	0.579	0.571	0.100	-1.4776	20.0
Nitrobenzene	0.458	0.463	0.050	1.0934	25.0
Isophorone	0.793	0.742	0.050	-6.3646	25.0
2-Nitrophenol	0.182	0.192	0.050	5.9122	25.0
2,4-Dimethylphenol	0.411	0.418	0.050	1.4856	25.0
Bis(2-Chloroethoxy)methane	0.457	0.424	0.050	-7.2029	20.0
2,4-Dichlorophenol	0.366	0.374	0.060	2.1792	20.0
Naphthalene	1.052	1.049	0.200	-0.3533	20.0
4-Chloroaniline	0.436	0.418	0.010	-4.1435	40.0
Hexachlorobutadiene	0.325	0.345	0.040	6.0521	30.0
Caprolactam	0.111	0.098	0.010	-11.6711	40.0
4-Chloro-3-methylphenol	0.396	0.384	0.040	-3.0804	25.0
1-Methylnaphthalene	0.789	0.767	0.100	-2.7031	20.0
2-Methylnaphthalene	0.782	0.761	0.100	-2.6833	20.0
Hexachlorocyclopentadiene	0.466	0.463	0.010	-0.729	40.0
2,4,6-Trichlorophenol	0.443	0.446	0.090	0.6623	25.0
2,4,5-Trichlorophenol	0.480	0.484	0.100	0.7905	25.0
1,1-Biphenyl	1.430	1.406	0.200	-1.6962	20.0
2-Chloronaphthalene	1.152	1.153	0.300	0.1551	20.0
2-Nitroaniline	0.333	0.330	0.050	-0.8108	40.0
Dimethylphthalate	1.553	1.498	0.300	-3.5577	20.0
2,6-Dinitrotoluene	0.298	0.294	0.080	-1.183	30.0
Acenaphthylene	1.707	1.695	0.400	-0.6744	20.0
3-Nitroaniline	0.271	0.260	0.010	-4.0421	40.0
Acenaphthene	1.240	1.225	0.200	-1.2258	20.0
2,4-Dinitrophenol	0.203	0.171	0.010	-15.618	40.0
4-Nitrophenol	0.299	0.315	0.010	5.4011	40.0
Dibenzofuran	1.844	1.848	0.300	0.2061	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 9/30/2024 12 14:38

Lab File ID: BP022112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020777 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.467	0.070	1.8107	30.0
Diethylphthalate	1.537	1.486	0.300	-3.3176	20.0
Fluorene	1.533	1.526	0.200	-0.508	20.0
4-Chlorophenyl-phenylether	0.883	0.895	0.100	1.3219	20.0
4-Nitroaniline	0.276	0.294	0.010	6.5614	40.0
4,6-Dinitro-2-methylphenol	0.135	0.134	0.010	-0.8108	40.0
N-Nitrosodiphenylamine	0.527	0.537	0.050	1.9926	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.739	0.100	-0.3163	20.0
4-Bromophenyl-phenylether	0.240	0.257	0.070	6.8794	20.0
Hexachlorobenzene	0.292	0.309	0.050	5.9983	25.0
Atrazine	0.235	0.233	0.010	-0.8362	25.0
Pentachlorophenol	0.195	0.191	0.010	-1.5834	40.0
Phenanthrene	1.049	1.052	0.200	0.335	20.0
Pentachlorobenzene	0.330	0.347	0.050	5.2098	20.0
Anthracene	1.067	1.072	0.200	0.4539	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.305	0.050	1.659	20.0
Carbazole	0.941	0.930	0.050	-1.1381	40.0
Di-n-butylphthalate	1.084	1.034	0.500	-4.6645	25.0
Fluoranthene	1.184	1.063	0.400	-10.2376	25.0
Pyrene	1.275	1.145	0.400	-10.1938	25.0
Butylbenzylphthalate	0.444	0.396	0.100	-10.8326	40.0
3,3-Dichlorobenzidine	0.458	0.462	0.010	0.7903	40.0
Benzo(a)anthracene	1.378	1.350	0.300	-2.0421	30.0
Chrysene	1.294	1.286	0.200	-0.5986	30.0
Bis(2-ethylhexyl)phthalate	0.652	0.604	0.200	-7.3421	40.0
Di-n-octyl phthalate	0.988	0.775	0.010	-21.5272	40.0
Benzo(b)fluoranthene	1.242	1.175	0.200	-5.3679	25.0
Benzo(k)fluoranthene	1.237	1.128	0.200	-8.8164	25.0
Benzo(a)pyrene	1.144	1.094	0.200	-4.3772	20.0
Indeno(1,2,3-cd)pyrene	1.492	1.502	0.200	0.6887	25.0
Dibenzo(a,h)anthracene	1.202	1.214	0.200	1.0397	30.0
Benzo(g,h,i)perylene	1.157	1.161	0.200	0.3525	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.466	0.040	0.8195	20.0
1,4-Dioxane-d8	0.511	0.514	0.010	0.6091	25.0
Pyridine-d5	1.460	1.407	0.010	-3.6055	40.0
Phenol-d5	1.636	1.540	0.010	-5.8705	25.0
Bis-(2-Chloroethyl)ether-d8	1.007	0.927	0.050	-7.9738	25.0
2-Chlorophenol-d4	1.184	1.185	0.200	0.0688	20.0
4-Methylphenol-d8	1.296	1.198	0.010	-7.6191	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 9/30/2024 12 14:38

Lab File ID: BP022112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020777 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.150	0.050	0.3817	20.0
2-Nitrophenol-d4	0.170	0.182	0.050	7.1388	30.0
2,4-Dichlorophenol-d3	0.369	0.373	0.060	1.1149	20.0
4-Chloroaniline-d4	0.440	0.419	0.010	-4.7472	40.0
Dimethylphthalate-d6	1.546	1.487	0.300	-3.8088	20.0
Acenaphthylene-d8	1.637	1.622	0.400	-0.8789	20.0
4-Nitrophenol-d4	0.264	0.243	0.010	-8.206	40.0
Fluorene-d10	1.368	1.364	0.100	-0.2711	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.125	0.010	0.5479	40.0
Anthracene-d10	0.934	0.951	0.300	1.8834	20.0
Pyrene-d10	1.036	0.943	0.300	-9.0232	25.0
Benzo(a)pyrene-d12	1.052	1.024	0.010	-2.6354	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 12 00:50

Lab File ID: BP022126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020778 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.553	0.010	0.0301	50.0
Benzaldehyde	0.925	1.099	0.010	18.7265	50.0
Pyridine	1.483	1.450	0.010	-2.2334	50.0
Phenol	1.707	1.622	0.080	-5.0052	50.0
Bis(2-Chloroethyl)ether	1.307	1.231	0.100	-5.7911	50.0
2-Chlorophenol	1.227	1.245	0.200	1.4231	50.0
2-Methylphenol	1.238	1.178	0.010	-4.8891	50.0
2,2-oxybis(1-Chloropropane)	1.212	1.131	0.010	-6.7102	50.0
Acetophenone	2.156	2.071	0.060	-3.952	50.0
4-Methylphenol	1.350	1.292	0.010	-4.292	50.0
N-Nitroso-di-n-propylamine	1.118	1.078	0.050	-3.6128	50.0
Hexachloroethane	0.579	0.577	0.100	-0.4202	50.0
Nitrobenzene	0.458	0.448	0.050	-2.1271	50.0
Isophorone	0.793	0.779	0.050	-1.6866	50.0
2-Nitrophenol	0.182	0.194	0.050	6.7798	50.0
2,4-Dimethylphenol	0.411	0.415	0.050	0.9619	50.0
Bis(2-Chloroethoxy)methane	0.457	0.440	0.050	-3.6149	50.0
2,4-Dichlorophenol	0.366	0.378	0.060	3.2997	50.0
Naphthalene	1.052	1.052	0.200	0.005	50.0
4-Chloroaniline	0.436	0.424	0.010	-2.584	50.0
Hexachlorobutadiene	0.325	0.331	0.040	1.9105	50.0
Caprolactam	0.111	0.104	0.010	-6.0394	50.0
4-Chloro-3-methylphenol	0.396	0.395	0.040	-0.2723	50.0
1-Methylnaphthalene	0.789	0.767	0.100	-2.7075	50.0
2-Methylnaphthalene	0.782	0.773	0.100	-1.1685	50.0
Hexachlorocyclopentadiene	0.466	0.453	0.010	-2.8222	50.0
2,4,6-Trichlorophenol	0.443	0.460	0.090	3.8374	50.0
2,4,5-Trichlorophenol	0.480	0.500	0.100	4.1693	50.0
1,1-Biphenyl	1.430	1.454	0.200	1.6548	50.0
2-Chloronaphthalene	1.152	1.162	0.300	0.8748	50.0
2-Nitroaniline	0.333	0.335	0.050	0.5919	50.0
Dimethylphthalate	1.553	1.514	0.300	-2.4687	50.0
2,6-Dinitrotoluene	0.298	0.303	0.080	1.7302	50.0
Acenaphthylene	1.707	1.719	0.400	0.6812	50.0
3-Nitroaniline	0.271	0.274	0.010	1.1089	50.0
Acenaphthene	1.240	1.234	0.200	-0.492	50.0
2,4-Dinitrophenol	0.203	0.171	0.010	-15.719	50.0
4-Nitrophenol	0.299	0.295	0.010	-1.484	50.0
Dibenzofuran	1.844	1.821	0.300	-1.2442	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 12 00:50

Lab File ID: BP022126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020778 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.461	0.070	0.4372	50.0
Diethylphthalate	1.537	1.487	0.300	-3.2274	50.0
Fluorene	1.533	1.523	0.200	-0.652	50.0
4-Chlorophenyl-phenylether	0.883	0.861	0.100	-2.4616	50.0
4-Nitroaniline	0.276	0.309	0.010	11.8521	50.0
4,6-Dinitro-2-methylphenol	0.135	0.133	0.010	-1.7612	50.0
N-Nitrosodiphenylamine	0.527	0.528	0.050	0.2341	50.0
1,2,4,5-Tetrachlorobenzene	0.742	0.748	0.100	0.8356	50.0
4-Bromophenyl-phenylether	0.240	0.244	0.070	1.7392	50.0
Hexachlorobenzene	0.292	0.304	0.050	4.0767	50.0
Atrazine	0.235	0.233	0.010	-0.793	50.0
Pentachlorophenol	0.195	0.187	0.010	-4.0266	50.0
Phenanthrene	1.049	1.036	0.200	-1.1843	50.0
Pentachlorobenzene	0.330	0.333	0.050	0.8464	50.0
Anthracene	1.067	1.054	0.200	-1.245	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.308	0.050	2.6978	50.0
Carbazole	0.941	0.925	0.050	-1.6754	50.0
Di-n-butylphthalate	1.084	1.039	0.500	-4.2082	50.0
Fluoranthene	1.184	1.183	0.400	-0.1462	50.0
Pyrene	1.275	1.241	0.400	-2.668	50.0
Butylbenzylphthalate	0.444	0.419	0.100	-5.6167	50.0
3,3-Dichlorobenzidine	0.458	0.476	0.010	4.0534	50.0
Benzo(a)anthracene	1.378	1.364	0.300	-1.049	50.0
Chrysene	1.294	1.272	0.200	-1.6596	50.0
Bis(2-ethylhexyl)phthalate	0.652	0.602	0.200	-7.5942	50.0
Di-n-octyl phthalate	0.988	0.847	0.010	-14.2708	50.0
Benzo(b)fluoranthene	1.242	1.231	0.200	-0.8486	50.0
Benzo(k)fluoranthene	1.237	1.174	0.200	-5.1475	50.0
Benzo(a)pyrene	1.144	1.114	0.200	-2.583	50.0
Indeno(1,2,3-cd)pyrene	1.492	1.496	0.200	0.2654	50.0
Dibenzo(a,h)anthracene	1.202	1.199	0.200	-0.2578	50.0
Benzo(g,h,i)perylene	1.157	1.160	0.200	0.2085	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.468	0.040	1.2724	50.0
1,4-Dioxane-d8	0.511	0.520	0.010	1.9099	50.0
Pyridine-d5	1.460	1.449	0.010	-0.7512	50.0
Phenol-d5	1.636	1.560	0.010	-4.6461	50.0
Bis-(2-Chloroethyl)ether-d8	1.007	0.952	0.050	-5.5018	50.0
2-Chlorophenol-d4	1.184	1.218	0.200	2.9011	50.0
4-Methylphenol-d8	1.296	1.258	0.010	-2.935	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG No.: BP093024

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 12 00:50

Lab File ID: BP022126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020778 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.156	0.050	4.4138	50.0
2-Nitrophenol-d4	0.170	0.182	0.050	7.3062	50.0
2,4-Dichlorophenol-d3	0.369	0.380	0.060	3.0892	50.0
4-Chloroaniline-d4	0.440	0.423	0.010	-3.8746	50.0
Dimethylphthalate-d6	1.546	1.546	0.300	0.0232	50.0
Acenaphthylene-d8	1.637	1.647	0.400	0.6202	50.0
4-Nitrophenol-d4	0.264	0.254	0.010	-3.9317	50.0
Fluorene-d10	1.368	1.360	0.100	-0.5821	50.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.122	0.010	-1.4289	50.0
Anthracene-d10	0.934	0.929	0.300	-0.5063	50.0
Pyrene-d10	1.036	1.015	0.300	-2.065	50.0
Benzo(a)pyrene-d12	1.052	1.051	0.010	-0.131	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717			SDG No.:	BP093024
Lab Sample ID:	PB163717BL			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
BP022113.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

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

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

Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717			SDG No.:	BP093024
Lab Sample ID:	PB163717BL			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
BP022113.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717			SDG No.:	BP093024
Lab Sample ID:	PB163717BL			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
BP022113.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.831		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	25.556		20-120		64	SPK: -40
4165-62-2	Phenol-d5	24.719		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.323		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.165		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.536		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.814		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.871		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.667		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.797		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.796		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.627		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.122		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	26.379		25-125		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717			SDG No.:	BP093024
Lab Sample ID:	PB163717BL			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
BP022113.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.323		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.554		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	28.559		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.987		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93009	7.699				
1146-65-2	Naphthalene-d8	327850	10.457				
15067-26-2	Acenaphthene-d10	234960	14.31				
1517-22-2	Phenanthrene-d10	534392	17.104				
1719-03-5	Chrysene-d12	605126	21.533				
1520-96-3	Perylene-d12	728380	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK716			SDG No.:	BP093024
Lab Sample ID:	PB163716BL			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
BP022114.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK716			SDG No.:	BP093024
Lab Sample ID:	PB163716BL			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
BP022114.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK716			SDG No.:	BP093024
Lab Sample ID:	PB163716BL			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
BP022114.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.257		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.452		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.167		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.703		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.517		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.958		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.063		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.652		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.483		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.661		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.501		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.132		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.039		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.672		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK716			SDG No.:	BP093024
Lab Sample ID:	PB163716BL			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
BP022114.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.373		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	28.025		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	26.654		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.986		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79400	7.699				
1146-65-2	Naphthalene-d8	275140	10.463				
15067-26-2	Acenaphthene-d10	201923	14.316				
1517-22-2	Phenanthrene-d10	481142	17.11				
1719-03-5	Chrysene-d12	588826	21.539				
1520-96-3	Perylene-d12	729851	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6			SDG No.:	BP093024
Lab Sample ID:	P4022-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022115.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

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	4.6	J	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	99	E	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	85	E	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	150	E	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	5.9		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	6.5		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6			SDG No.:	BP093024
Lab Sample ID:	P4022-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022115.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2.7	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	1.8	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	1.6	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2800	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	2.1	J	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	1.5	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6			SDG No.:	BP093024
Lab Sample ID:	P4022-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022115.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1400	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.047		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	9.199		20-120		23	SPK: -40
4165-62-2	Phenol-d5	9.903		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.144		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.067		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.84		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	29.01		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.216		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.458		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.405		1-146		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.841		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.008		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.67		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	31.89		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6			SDG No.:	BP093024
Lab Sample ID:	P4022-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022115.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.499		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	33.753		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.366		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.511		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92497	7.699				
1146-65-2	Naphthalene-d8	402363	10.457				
15067-26-2	Acenaphthene-d10	319859	14.31				
1517-22-2	Phenanthrene-d10	787264	17.11				
1719-03-5	Chrysene-d12	932441	21.533				
1520-96-3	Perylene-d12	1095910	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	6.3	J			6.699	
000611-14-3	Benzene, 1-ethyl-2-methyl-	26	J			6.81	
000622-96-8	Benzene, 1-ethyl-4-methyl-	17	J			7.105	
019549-80-5	2-Heptanone, 4,6-dimethyl-	23	J			7.152	
000526-73-8	Benzene, 1,2,3-trimethyl-	34	J			7.363	
000104-76-7	1-Hexanol, 2-ethyl-	20	J			7.781	
000108-67-8	Mesitylene	13	J			7.816	
000496-11-7	Indane	19	J			8.069	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	13	J			8.134	
	unknown-01	12	J			8.175	
	unknown-02	10	J			8.681	
	(DEL) Alkane: Straight-Chain10.963	2.6	J			10.963	
	(DEL) Alkane: Cyclic12.004	2.1	J			12.004	
	unknown-03	17	J			12.551	
000493-01-6	Naphthalene, decahydro-, cis-	7.7	J			12.645	
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	76	J			12.881	
000091-17-8	Naphthalene, decahydro-	7.5	J			12.934	

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6			SDG No.:	BP093024
Lab Sample ID:	P4022-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022115.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000109-21-7	Butanoic acid, butyl ester	25	J			13.051	
037050-05-8	3,4-Octadiene, 7-methyl-	19	J			13.187	
000539-90-2	Butanoic acid, 2-methylpropyl este	11	J			13.269	
	unknown-04	83	J			13.357	
000575-43-9	Naphthalene, 1,6-dimethyl-	65	J			13.486	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	23	J			13.575	
000581-40-8	Naphthalene, 2,3-dimethyl-	18	J			13.622	
000575-41-7	Naphthalene, 1,3-dimethyl-	9.3	J			13.863	
	unknown-05	19	J			14.145	
028281-49-4	3,4-Methylenedioxypropiophenone	11	J			14.657	
1000396-25-4	2H-1-benzopyran-6-ol, 3,4-dihydro-	13	J			14.839	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	37	J			14.869	
004901-51-3	Phenol, 2,3,4,5-tetrachloro-	41	J			14.922	
000119-61-9	Benzophenone	9.3	J			15.681	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.039	
E966796	Total Alkanes	4.7				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1			SDG No.:	BP093024
Lab Sample ID:	P4022-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022116.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

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	110	E	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	7.6		1.1	2.5	5	ug/L
91-20-3	Naphthalene	25		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	17		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	25		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	19		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1			SDG No.:	BP093024
Lab Sample ID:	P4022-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022116.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	1.1	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2700	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1			SDG No.:	BP093024
Lab Sample ID:	P4022-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022116.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1400	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.051		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	5.767	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	6.777		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.288		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.076		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.747		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	27.438		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.2		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.484		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.267		1-146		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.557		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.008		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.103		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	28.674		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1			SDG No.:	BP093024
Lab Sample ID:	P4022-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022116.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.985		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	30.572		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	31.44		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.627		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109233	7.699				
1146-65-2	Naphthalene-d8	429682	10.457				
15067-26-2	Acenaphthene-d10	344046	14.31				
1517-22-2	Phenanthrene-d10	797487	17.116				
1719-03-5	Chrysene-d12	905732	21.527				
1520-96-3	Perylene-d12	1077648	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	34	J			5.381	
000095-47-6	o-Xylene	41	J			5.746	
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	23	J			5.94	
1000427-67-0	2-Methyl-1-hexanol	70	J			6.234	
000123-05-7	Hexanal, 2-ethyl-	23	J			6.622	
000108-67-8	Mesitylene	61	J			6.94	
000611-14-3	Benzene, 1-ethyl-2-methyl-	96	J			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	140	J			7.146	
000526-73-8	Benzene, 1,2,3-trimethyl-	200	J			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	1200	J			7.822	
050639-00-4	2-Hexen-1-ol, 2-ethyl-	60	J			7.893	
	unknown-01	57	J			7.957	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	100	J			8.146	
	unknown-02	30	J			8.175	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	28	J			8.334	
001074-55-1	Benzene, 1-methyl-4-propyl-	24	J			8.493	
000527-84-4	o-Cymene	25	J			8.693	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1			SDG No.:	BP093024
Lab Sample ID:	P4022-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022116.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000504-20-1	Phorone	120	J			9.116	
000108-81-6	2-Ethyl-4-methylpentanoic acid	61	J			9.228	
	(DEL) Alkane: Straight-Chain9.269	6.5	J			9.269	
073583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-on	47	J			9.634	
	unknown-03	32	J			10.84	
	(DEL) Alkane: Straight-Chain11.722	7.6	J			11.722	
000095-63-6	Benzene, 1,2,4-trimethyl-	26	J			12.41	
	(DEL) Alkane: Straight-Chain12.540	22	J			12.54	
000619-04-5	Benzoic acid, 3,4-dimethyl-	27	J			12.681	
000109-21-7	Butanoic acid, butyl ester	64	J			13.063	
	unknown-04	54	J			13.275	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	120	J			13.581	
	unknown-05	34	J			13.834	
003724-61-6	Butyric acid, dodecyl ester	68	J			14.087	
	unknown-06	31	J			14.528	
	(DEL) Alkane: Cyclic14.669	190	J			14.669	
	unknown-07	240	J			16.21	
E966796	Total Alkanes	230				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6			SDG No.:	BP093024
Lab Sample ID:	P4022-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022117.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

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	1.8	J	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	9.7		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	9.9		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	16		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6			SDG No.:	BP093024
Lab Sample ID:	P4022-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022117.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2200	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6			SDG No.:	BP093024
Lab Sample ID:	P4022-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022117.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	370	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.66		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	4.789	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	9.527		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.402		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.109		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.792		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	23.487		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.521		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.201		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.055		1-146		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.432		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.423		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.456		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	26.78		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6			SDG No.:	BP093024
Lab Sample ID:	P4022-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022117.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.575		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	28.697		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.643		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.556		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109456	7.699				
1146-65-2	Naphthalene-d8	404475	10.457				
15067-26-2	Acenaphthene-d10	301079	14.304				
1517-22-2	Phenanthrene-d10	705613	17.11				
1719-03-5	Chrysene-d12	801685	21.539				
1520-96-3	Perylene-d12	925560	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.9	A			4.864	
000108-38-3	Benzene, 1,3-dimethyl-	5.8	J			5.381	
000123-05-7	Hexanal, 2-ethyl-	7.1	J			6.622	
000611-14-3	Benzene, 1-ethyl-2-methyl-	23	J			6.805	
000526-73-8	Benzene, 1,2,3-trimethyl-	21	J			6.934	
000622-96-8	Benzene, 1-ethyl-4-methyl-	22	J			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	27	J			7.14	
000108-67-8	Mesitylene	56	J			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	110	J			7.763	
000095-63-6	Benzene, 1,2,4-trimethyl-	29	J			7.811	
	unknown-01	10	J			7.934	
	unknown-02	12	J			8.169	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	20	J			8.328	
001074-55-1	Benzene, 1-methyl-4-propyl-	13	J			8.487	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	13	J			8.634	
000527-84-4	o-Cymene	15	J			8.687	
000149-57-5	Hexanoic acid, 2-ethyl-	11	J			8.999	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6			SDG No.:	BP093024
Lab Sample ID:	P4022-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022117.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000504-20-1	Phorone	11	J			9.11	
1000484-18-1	1,3-Hexanediol, 2-ethyl- (isomer 2	8	J			10.757	
	unknown-03	12	J			10.834	
	(DEL) Alkane: Cyclic11.916	5.9	J			11.916	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	24	J			12.534	
	unknown-04	9.7	J			13.357	
002349-07-7	Propanoic acid, 2-methyl-, hexyl e	9.7	J			13.563	
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	27	J			13.669	
	(DEL) Alkane: Cyclic14.622	8.9	J			14.622	
001502-22-3	2-(1-Cyclohexenyl)cyclohexanone	14	J			14.698	
	unknown-05	6.9	J			14.781	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	7.3	J			14.863	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	6.2	J			15.081	
000119-61-9	Benzophenone	14	J			15.687	
000057-10-3	n-Hexadecanoic acid	4	J			18.039	
E966796	Total Alkanes	15				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37			SDG No.:	BP093024
Lab Sample ID:	P4022-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022118.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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	2.2	J	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	31		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	23		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		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	5.2		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2	J	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37			SDG No.:	BP093024
Lab Sample ID:	P4022-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022118.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	1.4	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	1.9	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2300	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.8	J	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	1.2	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37			SDG No.:	BP093024
Lab Sample ID:	P4022-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022118.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	570	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.722		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	9.745		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.46		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.837		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.563		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	18.278		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	27.891		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.164		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.247		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.282		1-146		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.298		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.701		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.299		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	28.351		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37			SDG No.:	BP093024
Lab Sample ID:	P4022-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022118.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	59.64	*	10-130		149	SPK: -40
1719-06-8	Anthracene-d10	31.397		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.45		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.514		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113238	7.699				
1146-65-2	Naphthalene-d8	451410	10.463				
15067-26-2	Acenaphthene-d10	364458	14.304				
1517-22-2	Phenanthrene-d10	845337	17.11				
1719-03-5	Chrysene-d12	964854	21.545				
1520-96-3	Perylene-d12	1154736	24.809				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	7.7	J			6.81	
000108-67-8	Mesitylene	14	J			7.357	
000104-76-7	1-Hexanol, 2-ethyl-	20	J			7.781	
1000431-42-6	Hexanal ethyl trans-2-hexenyl acet	7.6	J			7.922	
000504-20-1	Phorone	10	J			9.116	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	8.9	J			9.993	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	28	J			10.84	
	unknown-01	6.3	J			11.487	
	unknown-02	20	J			11.728	
	(DEL) Alkane: Straight-Chain11.922	12	J			11.922	
	(DEL) Alkane: Straight-Chain12.540	30	J			12.54	
	(DEL) Alkane: Cyclic12.616	23	J			12.616	
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	18	J			12.881	
000109-21-7	Butanoic acid, butyl ester	25	J			13.051	
	unknown-03	13	J			13.251	
000141-86-6	2,6-Pyridinediamine	18	J			13.357	
000575-43-9	Naphthalene, 1,6-dimethyl-	30	J			13.487	

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37			SDG No.:	BP093024
Lab Sample ID:	P4022-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022118.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000582-16-1	Naphthalene, 2,7-dimethyl-	23	J			13.616	
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	91	J			13.663	
	unknown-04	12	J			13.892	
	unknown-05	16	J			14.21	
035322-84-0	1H-Inden-1-one, 2,3-dihydro-3,4,7-	24	J			14.522	
	(DEL) Alkane: Cyclic14.639	32	J			14.639	
	unknown-06	29	J			14.781	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	11	J			14.869	
000941-81-1	4,6,8-Trimethylazulene	18	J			15.081	
	unknown-07	29	J			15.116	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	27	J			15.187	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	27	J			15.251	
000119-61-9	Benzophenone	23	J			15.686	
	unknown-08	8.8	J			16.186	
	unknown-09	8	J			16.551	
	unknown-10	10	J			16.628	
	unknown-11	7.2	J			17.416	
E966796	Total Alkanes	97				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70			SDG No.:	BP093024
Lab Sample ID:	P4022-02			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
BP022119.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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	27		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	2.8	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	38		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	23		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		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	9.4		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.7	J	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70			SDG No.:	BP093024
Lab Sample ID:	P4022-02			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
BP022119.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2.3	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	2.2	J	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	1.4	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2900	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.6	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70			SDG No.:	BP093024
Lab Sample ID:	P4022-02			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
BP022119.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	990	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.99		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	7.13	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	10.809		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.986		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.146		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	22.164		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	32.353		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.251		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	2.745		1-146		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.358		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.523		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.689		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	32.387		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70			SDG No.:	BP093024
Lab Sample ID:	P4022-02			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
BP022119.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.931		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	35.045		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.256		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.263		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121349	7.698				
1146-65-2	Naphthalene-d8	466723	10.463				
15067-26-2	Acenaphthene-d10	368196	14.304				
1517-22-2	Phenanthrene-d10	842122	17.11				
1719-03-5	Chrysene-d12	936610	21.527				
1520-96-3	Perylene-d12	1101939	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-47-6	o-Xylene	25	J			5.387	
000108-38-3	Benzene, 1,3-dimethyl-	26	J			5.752	
027522-11-8	1-Pentanol, 2-ethyl-	30	J			6.234	
000103-65-1	Benzene, propyl-	13	J			6.699	
000611-14-3	Benzene, 1-ethyl-2-methyl-	58	J			6.804	
000622-96-8	Benzene, 1-ethyl-4-methyl-	66	J			7.098	
019549-80-5	2-Heptanone, 4,6-dimethyl-	110	J			7.146	
000108-67-8	Mesitylene	160	J			7.357	
000104-76-7	1-Hexanol, 2-ethyl-	430	J			7.798	
101250-37-7	Tetrahydropyrrolo[2,1-c][1,4]oxazi	15	J			7.946	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	92	J			8.134	
	unknown-01	42	J			8.175	
001074-55-1	Benzene, 1-methyl-4-propyl-	13	J			8.24	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	36	J			8.334	
000093-53-8	Benzeneacetaldehyde, .alpha.-methyl-	28	J			8.493	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	20	J			8.64	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	25	J			8.687	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70			SDG No.:	BP093024
Lab Sample ID:	P4022-02			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
BP022119.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000149-57-5	Hexanoic acid, 2-ethyl-	26	J			9.057	
	(DEL) Alkane: Straight-Chain9.269	8.9	J			9.269	
	(DEL) Alkane: Straight-Chain9.475	6.4	J			9.475	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	34	J			10.839	
	(DEL) Alkane: Straight-Chain10.969	8	J			10.969	
	(DEL) Alkane: Straight-Chain11.916	5.7	J			11.916	
	(DEL) Alkane: Cyclic12.539	9.1	J			12.539	
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	17	J			12.881	
000109-21-7	Butanoic acid, butyl ester	23	J			13.045	
000141-86-6	2,6-Pyridinediamine	26	J			13.357	
004318-76-7	Pyridine, 2,5-diamino-	24	J			13.492	
002349-07-7	Propanoic acid, 2-methyl-, hexyl ester	19	J			13.569	
000571-58-4	Naphthalene, 1,4-dimethyl-	14	J			13.616	
	unknown-02	14	J			14.428	
	(DEL) Alkane: Straight-Chain14.645	48	J			14.645	
	unknown-03	13	J			14.698	
004901-51-3	Phenol, 2,3,4,5-tetrachloro-	28	J			14.857	
000119-61-9	Benzophenone	13	J			15.675	
	unknown-04	48	J			16.174	
E966796	Total Alkanes	86				99	ug/L

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Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS	SDG No.:	BP093024
Lab Sample ID:	P4022-03MS	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
BP022120.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	50		1.1	5	10	ug/L
110-86-1	Pyridine	8.3	J	1.7	10	10	ug/L
108-95-2	Phenol	9.9	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.9	5	10	ug/L
98-86-2	Acetophenone	71		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	52		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5	ug/L
78-59-1	Isophorone	57		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	72		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	7.4	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	7.6	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	57		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	74		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS			SDG No.:	BP093024
Lab Sample ID:	P4022-03MS			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
BP022120.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	17		1.6	5	10	ug/L
83-32-9	Acenaphthene	31		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	11		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.3	2.5	5	ug/L
86-73-7	Fluorene	32		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	18		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	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.2	2.5	5	ug/L
1912-24-9	Atrazine	18		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	3400	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	33		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS			SDG No.:	BP093024
Lab Sample ID:	P4022-03MS			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
BP022120.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.6	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.695		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	7.085	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	9.322		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.008		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.279		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.921		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	31.604		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.515		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.547		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.821		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.797		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.483		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.467		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	31.367		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS			SDG No.:	BP093024
Lab Sample ID:	P4022-03MS			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
BP022120.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.751		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	33.366		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.105		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.083		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125208	7.705				
1146-65-2	Naphthalene-d8	480942	10.463				
15067-26-2	Acenaphthene-d10	374785	14.304				
1517-22-2	Phenanthrene-d10	855178	17.116				
1719-03-5	Chrysene-d12	975799	21.539				
1520-96-3	Perylene-d12	1164636	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MSD			SDG No.:	BP093024
Lab Sample ID:	P4022-04MSD			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
BP022121.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	50		1.1	5	10	ug/L
110-86-1	Pyridine	8.2	J	1.7	10	10	ug/L
108-95-2	Phenol	10		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	71		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	52		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5	ug/L
78-59-1	Isophorone	58		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	72		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	8	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	8.1	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	57		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	76		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MSD			SDG No.:	BP093024
Lab Sample ID:	P4022-04MSD			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
BP022121.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	18		1.6	5	10	ug/L
83-32-9	Acenaphthene	32		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	12		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	21		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	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	18		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	3200	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MSD			SDG No.:	BP093024
Lab Sample ID:	P4022-04MSD			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
BP022121.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.9	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.638		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	7.239	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	9.469		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.705		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.658		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	20.659		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	31.672		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.539		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.511		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.965		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.662		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.723		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.582		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	31.165		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MSD			SDG No.:	BP093024
Lab Sample ID:	P4022-04MSD			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
BP022121.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.243		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	33.31		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.148		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.53		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122648	7.699				
1146-65-2	Naphthalene-d8	470506	10.458				
15067-26-2	Acenaphthene-d10	362078	14.304				
1517-22-2	Phenanthrene-d10	845891	17.122				
1719-03-5	Chrysene-d12	936392	21.539				
1520-96-3	Perylene-d12	1117907	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLEB650			SDG No.:	BP093024
Lab Sample ID:	PB163716TB			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
BP022122.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLEB650			SDG No.:	BP093024
Lab Sample ID:	PB163716TB			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
BP022122.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLEB650			SDG No.:	BP093024
Lab Sample ID:	PB163716TB			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
BP022122.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.622		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.653		20-120		57	SPK: -40
4165-62-2	Phenol-d5	22.831		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.995		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.974		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.87		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.167		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.483		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.445		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.873		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.481		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.06		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.087		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.922		25-125		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLEB650			SDG No.:	BP093024
Lab Sample ID:	PB163716TB			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
BP022122.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.034		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.596		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	25.157		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.022		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116586	7.699				
1146-65-2	Naphthalene-d8	426493	10.452				
15067-26-2	Acenaphthene-d10	302427	14.304				
1517-22-2	Phenanthrene-d10	691630	17.092				
1719-03-5	Chrysene-d12	785415	21.527				
1520-96-3	Perylene-d12	952448	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BP093024
Lab Sample ID:	P4022-05			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
BP022123.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

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	1.3	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	61		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	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	48		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	26		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.9		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BP093024
Lab Sample ID:	P4022-05			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
BP022123.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3.4	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	1.2	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	1.4	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	2900	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.9	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BP093024
Lab Sample ID:	P4022-05			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
BP022123.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1900	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.856		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	7.353	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	9.544		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.593		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	20.571		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.494		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.874		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.315		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.41		1-146		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.575		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.333		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.773		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	32.939		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BP093024
Lab Sample ID:	P4022-05			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
BP022123.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.092		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	33.884		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	35.525		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.589		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108841	7.705				
1146-65-2	Naphthalene-d8	446677	10.463				
15067-26-2	Acenaphthene-d10	348191	14.31				
1517-22-2	Phenanthrene-d10	816123	17.122				
1719-03-5	Chrysene-d12	946143	21.533				
1520-96-3	Perylene-d12	1126496	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	8.7	J			6.81	
019549-80-5	2-Heptanone, 4,6-dimethyl-	22	J			7.152	
000526-73-8	Benzene, 1,2,3-trimethyl-	18	J			7.363	
000104-76-7	1-Hexanol, 2-ethyl-	20	J			7.781	
000108-67-8	Mesitylene	8.4	J			7.816	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	8.4	J			8.134	
	unknown-01	15	J			8.181	
	(DEL) Alkane: Straight-Chain9.275	8.7	J			9.275	
	(DEL) Alkane: Cyclic9.469	4	J			9.469	
	(DEL) Alkane: Cyclic10.740	3.3	J			10.74	
	unknown-02	9	J			10.845	
	(DEL) Alkane: Straight-Chain11.922	2.9	J			11.922	
	(DEL) Alkane: Straight-Chain12.010	4.3	J			12.01	
	unknown-03	25	J			12.481	
	unknown-04	17	J			12.516	
001920-21-4	2H-Pyran-2-carboxaldehyde, 3,4-dih	15	J			12.551	
000499-06-9	Benzoic acid, 3,5-dimethyl-	9	J			12.622	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BP093024
Lab Sample ID:	P4022-05			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
BP022123.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	45	J			12.887	
000109-21-7	Butanoic acid, butyl ester	68	J			13.069	
	unknown-05	8.8	J			13.198	
000539-90-2	Butanoic acid, 2-methylpropyl este	20	J			13.275	
000141-86-6	2,6-Pyridinediamine	62	J			13.369	
004318-76-7	Pyridine, 2,5-diamino-	58	J			13.504	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	45	J			13.581	
003724-61-6	Butyric acid, dodecyl ester	11	J			14.098	
055103-71-4	2H-Benzocyclohepten-2-one, 3,4,4a,	11	J			14.151	
	unknown-06	12	J			14.445	
	unknown-07	35	J			14.675	
004901-51-3	Phenol, 2,3,4,5-tetrachloro-	77	J			14.869	
022106-37-2	4-(1-Pyrroyl)acetophenone	9.6	J			15.086	
054340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethy	15	J			15.192	
	unknown-08	10	J			16.186	
096077-04-2	Tri(propylene glycol) propyl ether	8.4	J			20.251	
006795-88-6	Pentane, 2-methoxy-	12	J			20.31	
	unknown-09	7.6	J			20.351	
E966796	Total Alkanes	23				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716			SDG No.:	BP093024
Lab Sample ID:	PB163716BS			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
BP022124.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.8		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	23		1.1	5	10	ug/L
110-86-1	Pyridine	20		1.7	10	10	ug/L
108-95-2	Phenol	24		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	23		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22		1.9	5	10	ug/L
98-86-2	Acetophenone	24		1.5	5	10	ug/L
106-44-5	4-Methylphenol	24		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	24		1.4	2.5	5	ug/L
78-59-1	Isophorone	24		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.1	2.5	5	ug/L
91-20-3	Naphthalene	25		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	25		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	25		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	25		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716			SDG No.:	BP093024
Lab Sample ID:	PB163716BS			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
BP022124.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	24		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	26		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	25		1.6	5	10	ug/L
83-32-9	Acenaphthene	24		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	23		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	24		1.4	5	10	ug/L
132-64-9	Dibenzofuran	25		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	26		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	25		1.3	2.5	5	ug/L
86-73-7	Fluorene	25		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	29		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	26		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	25		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	19		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	26		1.9	5	10	ug/L
85-01-8	Phenanthrene	26		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		1.7	2.5	5	ug/L
120-12-7	Anthracene	25		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		1.7	2.5	5	ug/L
86-74-8	Carbazole	25		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	25		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	25		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716			SDG No.:	BP093024
Lab Sample ID:	PB163716BS			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
BP022124.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	24		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	25		1.1	2.5	5	ug/L
218-01-9	Chrysene	24		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	24		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	22		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	26		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	25		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	24		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	26		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	26		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.172		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.14		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.79		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.13		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.057		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.606		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.676		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.997		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.545		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.791		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.663		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.928		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.406		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	25.613		25-125		64	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716			SDG No.:	BP093024
Lab Sample ID:	PB163716BS			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
BP022124.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.887		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	25.789		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	25.309		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.548		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131499	7.699				
1146-65-2	Naphthalene-d8	486526	10.457				
15067-26-2	Acenaphthene-d10	383632	14.304				
1517-22-2	Phenanthrene-d10	947438	17.104				
1719-03-5	Chrysene-d12	1136940	21.539				
1520-96-3	Perylene-d12	1368256	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS717			SDG No.:	BP093024
Lab Sample ID:	PB163717BS			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
BP022125.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	26		1.1	5	10	ug/L
110-86-1	Pyridine	24		1.7	10	10	ug/L
108-95-2	Phenol	25		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	26		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	24		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	25		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS717			SDG No.:	BP093024
Lab Sample ID:	PB163717BS			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
BP022125.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	23		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	26		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	26		1.3	2.5	5	ug/L
86-73-7	Fluorene	26		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	30		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.2	2.5	5	ug/L
1912-24-9	Atrazine	20		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	25		1.9	5	10	ug/L
85-01-8	Phenanthrene	27		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	27		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS717			SDG No.:	BP093024
Lab Sample ID:	PB163717BS			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
BP022125.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	26		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		1.1	2.5	5	ug/L
218-01-9	Chrysene	26		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	24		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	26		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	27		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.141		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	25.083		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.388		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.714		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.245		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.736		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.768		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.79		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.855		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.46		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.784		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.507		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.681		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	26.109		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS717			SDG No.:	BP093024
Lab Sample ID:	PB163717BS			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
BP022125.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.591		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	26.469		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	26.424		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.447		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110892	7.699				
1146-65-2	Naphthalene-d8	415155	10.457				
15067-26-2	Acenaphthene-d10	311871	14.316				
1517-22-2	Phenanthrene-d10	747147	17.11				
1719-03-5	Chrysene-d12	874214	21.533				
1520-96-3	Perylene-d12	1060235	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565			SDG No.:	BP093024
Lab Sample ID:	PB163565BL			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
BP022127.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

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

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565			SDG No.:	BP093024
Lab Sample ID:	PB163565BL			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
BP022127.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

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

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565			SDG No.:	BP093024
Lab Sample ID:	PB163565BL			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
BP022127.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.915		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	22.838		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.159		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.827		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.367		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.505		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.596		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.613		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.05		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.991		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.484		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.786		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.97		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.453		20-140		61	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565			SDG No.:	BP093024
Lab Sample ID:	PB163565BL			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
BP022127.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.79		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.397		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.981		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.446		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112018	7.699				
1146-65-2	Naphthalene-d8	408580	10.457				
15067-26-2	Acenaphthene-d10	307859	14.31				
1517-22-2	Phenanthrene-d10	732055	17.098				
1719-03-5	Chrysene-d12	854926	21.533				
1520-96-3	Perylene-d12	999063	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**DDC37**								
P4022-01	DDC37	Water	(DEL) Alkane: Cyclic12.616	*	23.000	J			
P4022-01	DDC37	Water	(DEL) Alkane: Cyclic14.639	*	32.000	J			
P4022-01	DDC37	Water	(DEL) Alkane: Straight-Chain11.9	*	12.000	J			
P4022-01	DDC37	Water	(DEL) Alkane: Straight-Chain12.5	*	30.000	J			
P4022-01	DDC37	Water	1,3-Pentanediol, 2,2,4-trimethyl-	*	8.900	J			
P4022-01	DDC37	Water	1-Hexanol, 2-ethyl-	*	20.000	J			
P4022-01	DDC37	Water	1H-Inden-1-one, 2,3-dihydro-3,4,7	*	24.000	J			
P4022-01	DDC37	Water	1H-Pyrazole, 4,5-dihydro-5,5-dim	*	18.000	J			
P4022-01	DDC37	Water	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	28.000	J			
P4022-01	DDC37	Water	2,6-Pyridinediamine	*	18.000	J			
P4022-01	DDC37	Water	4,6,8-Trimethylazulene	*	18.000	J			
P4022-01	DDC37	Water	Benzene, 1,3,5-trimethyl-2-(1-met	*	27.000	J			
P4022-01	DDC37	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	27.000	J			
P4022-01	DDC37	Water	Benzene, 1-ethyl-2-methyl-	*	7.700	J			
P4022-01	DDC37	Water	Benzophenone	*	23.000	J			
P4022-01	DDC37	Water	Bicyclo[2.2.1]hept-2-ene, 2,3-dim	*	91.000	J			
P4022-01	DDC37	Water	Butanoic acid, butyl ester	*	25.000	J			
P4022-01	DDC37	Water	Hexanal ethyl trans-2-hexenyl ace	*	7.600	J			
P4022-01	DDC37	Water	Mesitylene	*	14.000	J			
P4022-01	DDC37	Water	Naphthalene, 1,6-dimethyl-	*	30.000	J			
P4022-01	DDC37	Water	Naphthalene, 2,7-dimethyl-	*	23.000	J			
P4022-01	DDC37	Water	Phenol, 2,3,5,6-tetrachloro-	*	11.000	J			
P4022-01	DDC37	Water	Phorone	*	10.000	J			
P4022-01	DDC37	Water	unknown-01	*	6.300	J			
P4022-01	DDC37	Water	unknown-02	*	20.000	J			
P4022-01	DDC37	Water	unknown-03	*	13.000	J			
P4022-01	DDC37	Water	unknown-04	*	12.000	J			
P4022-01	DDC37	Water	unknown-05	*	16.000	J			
P4022-01	DDC37	Water	unknown-06	*	29.000	J			
P4022-01	DDC37	Water	unknown-07	*	29.000	J			
P4022-01	DDC37	Water	unknown-08	*	8.800	J			
P4022-01	DDC37	Water	unknown-09	*	8.000	J			
P4022-01	DDC37	Water	unknown-10	*	10.000	J			
P4022-01	DDC37	Water	unknown-11	*	7.200	J			
P4022-01	DDC37	Water	Total Alkanes	*	97.000		1.1	5	ug/L
			Total Tics :		**784.50**				
P4022-01	DDC37	Water	1,1-Biphenyl		3.000	J	1.1	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-01	DDC37	Water	1-Methylnaphthalene		23.000		0.91	5	ug/L
P4022-01	DDC37	Water	2,3,4,6-Tetrachlorophenol		570.000	E	1.5	5	ug/L
P4022-01	DDC37	Water	2,4,5-Trichlorophenol		2.000	J	1.6	5	ug/L
P4022-01	DDC37	Water	2,4,6-Trichlorophenol		5.200		2	5	ug/L
P4022-01	DDC37	Water	2-Methylnaphthalene		38.000		1.1	5	ug/L
P4022-01	DDC37	Water	Acenaphthene		1.400	J	0.96	5	ug/L
P4022-01	DDC37	Water	Carbazole		1.200	J	1.1	10	ug/L
P4022-01	DDC37	Water	Fluorene		1.900	J	0.94	5	ug/L
P4022-01	DDC37	Water	Isophorone		2.200	J	1.7	5	ug/L
P4022-01	DDC37	Water	Naphthalene		31.000		0.94	5	ug/L
P4022-01	DDC37	Water	Pentachlorophenol		2,300.000	E	1.9	10	ug/L
P4022-01	DDC37	Water	Phenanthrene		1.800	J	1.2	5	ug/L
			Total Svoc :		**2,980.70**				
			Total Concentration:		**3,765.20**				
Client ID : DDC70									
P4022-02	DDC70	Water	(DEL) Alkane: Cyclic12.539	*	9.100	J			
P4022-02	DDC70	Water	(DEL) Alkane: Straight-Chain10.9	*	8.000	J			
P4022-02	DDC70	Water	(DEL) Alkane: Straight-Chain11.9	*	5.700	J			
P4022-02	DDC70	Water	(DEL) Alkane: Straight-Chain14.6	*	48.000	J			
P4022-02	DDC70	Water	(DEL) Alkane: Straight-Chain9.26	*	8.900	J			
P4022-02	DDC70	Water	(DEL) Alkane: Straight-Chain9.47	*	6.400	J			
P4022-02	DDC70	Water	1-Hexanol, 2-ethyl-	*	430.000	J			
P4022-02	DDC70	Water	1-Pentanol, 2-ethyl-	*	30.000	J			
P4022-02	DDC70	Water	1H-Pyrazole, 4,5-dihydro-5,5-dim	*	17.000	J			
P4022-02	DDC70	Water	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	34.000	J			
P4022-02	DDC70	Water	2,6-Pyridinediamine	*	26.000	J			
P4022-02	DDC70	Water	2-Heptanone, 4,6-dimethyl-	*	110.000	J			
P4022-02	DDC70	Water	Benzene, 1,2,3,4-tetramethyl-	*	36.000	J			
P4022-02	DDC70	Water	Benzene, 1,3-dimethyl-	*	26.000	J			
P4022-02	DDC70	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	25.000	J			
P4022-02	DDC70	Water	Benzene, 1-ethyl-2-methyl-	*	58.000	J			
P4022-02	DDC70	Water	Benzene, 1-ethyl-4-methyl-	*	66.000	J			
P4022-02	DDC70	Water	Benzene, 1-methyl-4-propyl-	*	13.000	J			
P4022-02	DDC70	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	20.000	J			
P4022-02	DDC70	Water	Benzene, propyl-	*	13.000	J			
P4022-02	DDC70	Water	Benzeneacetaldehyde, .alpha.-met	*	28.000	J			
P4022-02	DDC70	Water	Benzophenone	*	13.000	J			
P4022-02	DDC70	Water	Butanoic acid, butyl ester	*	23.000	J			
P4022-02	DDC70	Water	Cyclohexanone, 3,3,5-trimethyl-	*	92.000	J			
P4022-02	DDC70	Water	Hexanoic acid, 2-ethyl-	*	26.000	J			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-02	DDC70	Water	Mesitylene	*	160.000	J			
P4022-02	DDC70	Water	Naphthalene, 1,4-dimethyl-	*	14.000	J			
P4022-02	DDC70	Water	o-Xylene	*	25.000	J			
P4022-02	DDC70	Water	Phenol, 2,3,4,5-tetrachloro-	*	28.000	J			
P4022-02	DDC70	Water	Propanoic acid, 2-methyl-, hexyl e	*	19.000	J			
P4022-02	DDC70	Water	Pyridine, 2,5-diamino-	*	24.000	J			
P4022-02	DDC70	Water	Tetrahydropyrrolo[2,1-c][1,4]oxaz	*	15.000	J			
P4022-02	DDC70	Water	unknown-01	*	42.000	J			
P4022-02	DDC70	Water	unknown-02	*	14.000	J			
P4022-02	DDC70	Water	unknown-03	*	13.000	J			
P4022-02	DDC70	Water	unknown-04	*	48.000	J			
P4022-02	DDC70	Water	Total Alkanes	*	86.000		1.1	5	ug/L
			Total Tics :		**1,660.10**				
P4022-02	DDC70	Water	1,1-Biphenyl		2.300	J	1.1	5	ug/L
P4022-02	DDC70	Water	1-Methylnaphthalene		23.000		0.91	5	ug/L
P4022-02	DDC70	Water	2,3,4,6-Tetrachlorophenol		990.000	E	1.5	5	ug/L
P4022-02	DDC70	Water	2,4,5-Trichlorophenol		2.700	J	1.6	5	ug/L
P4022-02	DDC70	Water	2,4,6-Trichlorophenol		9.400		2	5	ug/L
P4022-02	DDC70	Water	2,4-Dichlorophenol		2.800	J	1.1	5	ug/L
P4022-02	DDC70	Water	2-Methylnaphthalene		38.000		1.1	5	ug/L
P4022-02	DDC70	Water	Dimethylphthalate		2.200	J	1.1	5	ug/L
P4022-02	DDC70	Water	Fluorene		1.400	J	0.94	5	ug/L
P4022-02	DDC70	Water	Isophorone		27.000		1.7	5	ug/L
P4022-02	DDC70	Water	Naphthalene		38.000		0.94	5	ug/L
P4022-02	DDC70	Water	Pentachlorophenol		2,900.000	E	1.9	10	ug/L
P4022-02	DDC70	Water	Phenanthrene		1.600	J	1.2	5	ug/L
			Total Svoc :		**4,038.40**				
			Total Concentration:		**5,698.50**				
Client ID :	**DDC95**								
P4022-05	DDC95	Water	(DEL) Alkane: Cyclic10.740	*	3.300	J			
P4022-05	DDC95	Water	(DEL) Alkane: Cyclic9.469	*	4.000	J			
P4022-05	DDC95	Water	(DEL) Alkane: Straight-Chain11.9	*	2.900	J			
P4022-05	DDC95	Water	(DEL) Alkane: Straight-Chain12.(	*	4.300	J			
P4022-05	DDC95	Water	(DEL) Alkane: Straight-Chain9.27	*	8.700	J			
P4022-05	DDC95	Water	1-Hexanol, 2-ethyl-	*	20.000	J			
P4022-05	DDC95	Water	1H-Pyrazole, 4,5-dihydro-5,5-dim	*	45.000	J			
P4022-05	DDC95	Water	2,6-Pyridinediamine	*	62.000	J			
P4022-05	DDC95	Water	2-Heptanone, 4,6-dimethyl-	*	22.000	J			
P4022-05	DDC95	Water	2H-Benzocyclohepten-2-one, 3,4,(	*	11.000	J			
P4022-05	DDC95	Water	2H-Pyran-2-carboxaldehyde, 3,4-(	*	15.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-05	DDC95	Water	4-(1-Pyrroyl)acetophenone	*	9.600	J			
P4022-05	DDC95	Water	Benzene, 1,2,3-trimethyl-	*	18.000	J			
P4022-05	DDC95	Water	Benzene, 1-ethyl-2-methyl-	*	8.700	J			
P4022-05	DDC95	Water	Benzene, 4-(2-butenyl)-1,2-dimetl	*	15.000	J			
P4022-05	DDC95	Water	Benzoic acid, 3,5-dimethyl-	*	9.000	J			
P4022-05	DDC95	Water	Butanoic acid, 2-methylpropyl est	*	20.000	J			
P4022-05	DDC95	Water	Butanoic acid, butyl ester	*	68.000	J			
P4022-05	DDC95	Water	Butyric acid, dodecyl ester	*	11.000	J			
P4022-05	DDC95	Water	Cyclohexanone, 3,3,5-trimethyl-	*	8.400	J			
P4022-05	DDC95	Water	Mesitylene	*	8.400	J			
P4022-05	DDC95	Water	Pentane, 2-methoxy-	*	12.000	J			
P4022-05	DDC95	Water	Phenol, 2,3,4,5-tetrachloro-	*	77.000	J			
P4022-05	DDC95	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	45.000	J			
P4022-05	DDC95	Water	Pyridine, 2,5-diamino-	*	58.000	J			
P4022-05	DDC95	Water	Tri(propylene glycol) propyl ether	*	8.400	J			
P4022-05	DDC95	Water	unknown-01	*	15.000	J			
P4022-05	DDC95	Water	unknown-02	*	9.000	J			
P4022-05	DDC95	Water	unknown-03	*	25.000	J			
P4022-05	DDC95	Water	unknown-04	*	17.000	J			
P4022-05	DDC95	Water	unknown-05	*	8.800	J			
P4022-05	DDC95	Water	unknown-06	*	12.000	J			
P4022-05	DDC95	Water	unknown-07	*	35.000	J			
P4022-05	DDC95	Water	unknown-08	*	10.000	J			
P4022-05	DDC95	Water	unknown-09	*	7.600	J			
P4022-05	DDC95	Water	Total Alkanes	*	23.000		1.1	5	ug/L
			Total Tics :		**737.10**				
P4022-05	DDC95	Water	1,1-Biphenyl		3.400	J	1.1	5	ug/L
P4022-05	DDC95	Water	1-Methylnaphthalene		29.000		0.91	5	ug/L
P4022-05	DDC95	Water	2,3,4,6-Tetrachlorophenol		1,900.000	E	1.5	5	ug/L
P4022-05	DDC95	Water	2,4,5-Trichlorophenol		8.900		1.6	5	ug/L
P4022-05	DDC95	Water	2,4,6-Trichlorophenol		26.000		2	5	ug/L
P4022-05	DDC95	Water	2,4-Dichlorophenol		1.300	J	1.1	5	ug/L
P4022-05	DDC95	Water	2-Methylnaphthalene		48.000		1.1	5	ug/L
P4022-05	DDC95	Water	Acenaphthene		1.200	J	0.96	5	ug/L
P4022-05	DDC95	Water	Fluorene		1.400	J	0.94	5	ug/L
P4022-05	DDC95	Water	Naphthalene		61.000		0.94	5	ug/L
P4022-05	DDC95	Water	Pentachlorophenol		2,900.000	E	1.9	10	ug/L
P4022-05	DDC95	Water	Phenanthrene		1.900	J	1.2	5	ug/L
			Total Svoc :		**4,982.10**				
			Total Concentration:		**5,719.20**				

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**DDCD6**								
P4022-06	DDCD6	Water	(DEL) Alkane: Cyclic12.004	*	2.100	J			
P4022-06	DDCD6	Water	(DEL) Alkane: Straight-Chain10.9	*	2.600	J			
P4022-06	DDCD6	Water	1-Hexanol, 2-ethyl-	*	20.000	J			
P4022-06	DDCD6	Water	1H-Pyrazole, 4,5-dihydro-5,5-dim	*	76.000	J			
P4022-06	DDCD6	Water	2-Heptanone, 4,6-dimethyl-	*	23.000	J			
P4022-06	DDCD6	Water	2H-1-benzopyran-6-ol, 3,4-dihydr	*	13.000	J			
P4022-06	DDCD6	Water	3,4-Methylenedioxypropiophenon	*	11.000	J			
P4022-06	DDCD6	Water	3,4-Octadiene, 7-methyl-	*	19.000	J			
P4022-06	DDCD6	Water	Benzene, 1,2,3-trimethyl-	*	34.000	J			
P4022-06	DDCD6	Water	Benzene, 1-ethyl-2-methyl-	*	26.000	J			
P4022-06	DDCD6	Water	Benzene, 1-ethyl-4-methyl-	*	17.000	J			
P4022-06	DDCD6	Water	Benzene, propyl-	*	6.300	J			
P4022-06	DDCD6	Water	Benzophenone	*	9.300	J			
P4022-06	DDCD6	Water	Butanoic acid, 2-methylpropyl est	*	11.000	J			
P4022-06	DDCD6	Water	Butanoic acid, butyl ester	*	25.000	J			
P4022-06	DDCD6	Water	Cyclohexanone, 3,3,5-trimethyl-	*	13.000	J			
P4022-06	DDCD6	Water	Indane	*	19.000	J			
P4022-06	DDCD6	Water	Mesitylene	*	13.000	J			
P4022-06	DDCD6	Water	n-Hexadecanoic acid	*	5.900	J			
P4022-06	DDCD6	Water	Naphthalene, 1,3-dimethyl-	*	9.300	J			
P4022-06	DDCD6	Water	Naphthalene, 1,6-dimethyl-	*	65.000	J			
P4022-06	DDCD6	Water	Naphthalene, 2,3-dimethyl-	*	18.000	J			
P4022-06	DDCD6	Water	Naphthalene, decahydro-	*	7.500	J			
P4022-06	DDCD6	Water	Naphthalene, decahydro-, cis-	*	7.700	J			
P4022-06	DDCD6	Water	Phenol, 2,3,4,5-tetrachloro-	*	41.000	J			
P4022-06	DDCD6	Water	Phenol, 2,3,5,6-tetrachloro-	*	37.000	J			
P4022-06	DDCD6	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	23.000	J			
P4022-06	DDCD6	Water	unknown-01	*	12.000	J			
P4022-06	DDCD6	Water	unknown-02	*	10.000	J			
P4022-06	DDCD6	Water	unknown-03	*	17.000	J			
P4022-06	DDCD6	Water	unknown-04	*	83.000	J			
P4022-06	DDCD6	Water	unknown-05	*	19.000	J			
P4022-06	DDCD6	Water	Total Alkanes	*	4.700		1.1	5	ug/L
			Total Tics :		**700.40**				
P4022-06	DDCD6	Water	1,1-Biphenyl		2.700	J	1.1	5	ug/L
P4022-06	DDCD6	Water	1-Methylnaphthalene		85.000	E	0.91	5	ug/L
P4022-06	DDCD6	Water	2,3,4,6-Tetrachlorophenol		1,400.000	E	1.5	5	ug/L
P4022-06	DDCD6	Water	2,4,5-Trichlorophenol		6.500		1.6	5	ug/L
P4022-06	DDCD6	Water	2,4,6-Trichlorophenol		5.900		2	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-06	DDCD6	Water	2-Methylnaphthalene		150.000	E	1.1	5	ug/L
P4022-06	DDCD6	Water	Acenaphthene		1.800	J	0.96	5	ug/L
P4022-06	DDCD6	Water	Carbazole		1.500	J	1.1	10	ug/L
P4022-06	DDCD6	Water	Fluorene		1.600	J	0.94	5	ug/L
P4022-06	DDCD6	Water	Isophorone		4.600	J	1.7	5	ug/L
P4022-06	DDCD6	Water	Naphthalene		99.000	E	0.94	5	ug/L
P4022-06	DDCD6	Water	Pentachlorophenol		2,800.000	E	1.9	10	ug/L
P4022-06	DDCD6	Water	Phenanthrene		2.100	J	1.2	5	ug/L
			Total Svoc :		**4,560.70**				
			Total Concentration:		**5,261.10**				
Client ID :	**DDCA1**								
P4022-07	DDCA1	Water	(DEL) Alkane: Cyclic14.669	*	190.000	J			
P4022-07	DDCA1	Water	(DEL) Alkane: Straight-Chain11.7	*	7.600	J			
P4022-07	DDCA1	Water	(DEL) Alkane: Straight-Chain12.5	*	22.000	J			
P4022-07	DDCA1	Water	(DEL) Alkane: Straight-Chain9.26	*	6.500	J			
P4022-07	DDCA1	Water	1-Hexanol, 2-ethyl-	*	1,200.000	J			
P4022-07	DDCA1	Water	2,6-Dimethyl-6-nitro-2-hepten-4-(	*	47.000	J			
P4022-07	DDCA1	Water	2-Ethyl-4-methylpentanoic acid	*	61.000	J			
P4022-07	DDCA1	Water	2-Heptanone, 4,6-dimethyl-	*	140.000	J			
P4022-07	DDCA1	Water	2-Hexen-1-ol, 2-ethyl-	*	60.000	J			
P4022-07	DDCA1	Water	2-Methyl-1-hexanol	*	70.000	J			
P4022-07	DDCA1	Water	Benzene, 1,2,3-trimethyl-	*	200.000	J			
P4022-07	DDCA1	Water	Benzene, 1,2,4-trimethyl-	*	26.000	J			
P4022-07	DDCA1	Water	Benzene, 1,3-dimethyl-	*	34.000	J			
P4022-07	DDCA1	Water	Benzene, 1-ethyl-2-methyl-	*	96.000	J			
P4022-07	DDCA1	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	28.000	J			
P4022-07	DDCA1	Water	Benzene, 1-methyl-4-propyl-	*	24.000	J			
P4022-07	DDCA1	Water	Benzoic acid, 3,4-dimethyl-	*	27.000	J			
P4022-07	DDCA1	Water	Butanoic acid, butyl ester	*	64.000	J			
P4022-07	DDCA1	Water	Butyric acid, dodecyl ester	*	68.000	J			
P4022-07	DDCA1	Water	Cyclohexanone, 3,3,5-trimethyl-	*	100.000	J			
P4022-07	DDCA1	Water	Hexanal, 2-ethyl-	*	23.000	J			
P4022-07	DDCA1	Water	Mesitylene	*	61.000	J			
P4022-07	DDCA1	Water	o-Cymene	*	25.000	J			
P4022-07	DDCA1	Water	o-Xylene	*	41.000	J			
P4022-07	DDCA1	Water	Phorone	*	120.000	J			
P4022-07	DDCA1	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	120.000	J			
P4022-07	DDCA1	Water	Propanoic acid, 2-methyl-, 2-meth	*	23.000	J			
P4022-07	DDCA1	Water	unknown-01	*	57.000	J			
P4022-07	DDCA1	Water	unknown-02	*	30.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-07	DDCA1	Water	unknown-03	*	32.000	J			
P4022-07	DDCA1	Water	unknown-04	*	54.000	J			
P4022-07	DDCA1	Water	unknown-05	*	34.000	J			
P4022-07	DDCA1	Water	unknown-06	*	31.000	J			
P4022-07	DDCA1	Water	unknown-07	*	240.000	J			
P4022-07	DDCA1	Water	Total Alkanes	*	230.000		1.1	5	ug/L
			Total Tics :		**3,592.10**				
P4022-07	DDCA1	Water	1,1-Biphenyl		1.900	J	1.1	5	ug/L
P4022-07	DDCA1	Water	1-Methylnaphthalene		17.000		0.91	5	ug/L
P4022-07	DDCA1	Water	2,3,4,6-Tetrachlorophenol		1,400.000	E	1.5	5	ug/L
P4022-07	DDCA1	Water	2,4,6-Trichlorophenol		19.000		2	5	ug/L
P4022-07	DDCA1	Water	2,4-Dichlorophenol		7.600		1.1	5	ug/L
P4022-07	DDCA1	Water	2-Methylnaphthalene		25.000		1.1	5	ug/L
P4022-07	DDCA1	Water	Fluorene		1.100	J	0.94	5	ug/L
P4022-07	DDCA1	Water	Isophorone		110.000	E	1.7	5	ug/L
P4022-07	DDCA1	Water	Naphthalene		25.000		0.94	5	ug/L
P4022-07	DDCA1	Water	Pentachlorophenol		2,700.000	E	1.9	10	ug/L
P4022-07	DDCA1	Water	Phenanthrene		1.200	J	1.2	5	ug/L
			Total Svoc :		**4,307.80**				
			Total Concentration:		**7,899.90**				
Client ID :	**DDCA6**								
P4022-08	DDCA6	Water	(DEL) Alkane: Cyclic11.916	*	5.900	J			
P4022-08	DDCA6	Water	(DEL) Alkane: Cyclic14.622	*	8.900	J			
P4022-08	DDCA6	Water	1,3-Hexanediol, 2-ethyl- (isomer 2	*	8.000	J			
P4022-08	DDCA6	Water	1-Hexanol, 2-ethyl-	*	110.000	J			
P4022-08	DDCA6	Water	2-(1-Cyclohexenyl)cyclohexanone	*	14.000	J			
P4022-08	DDCA6	Water	2-Heptanone, 4,6-dimethyl-	*	27.000	J			
P4022-08	DDCA6	Water	2-Pentanone, 4-hydroxy-4-methyl	*	7.900	A			
P4022-08	DDCA6	Water	3-Trifluoroacetoxy-6-ethyldecane	*	24.000	J			
P4022-08	DDCA6	Water	Benzene, 1,2,3-trimethyl-	*	21.000	J			
P4022-08	DDCA6	Water	Benzene, 1,2,4-trimethyl-	*	29.000	J			
P4022-08	DDCA6	Water	Benzene, 1,3-dimethyl-	*	5.800	J			
P4022-08	DDCA6	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	13.000	J			
P4022-08	DDCA6	Water	Benzene, 1-ethyl-2-methyl-	*	23.000	J			
P4022-08	DDCA6	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	20.000	J			
P4022-08	DDCA6	Water	Benzene, 1-ethyl-4-methyl-	*	22.000	J			
P4022-08	DDCA6	Water	Benzene, 1-methyl-4-propyl-	*	13.000	J			
P4022-08	DDCA6	Water	Benzophenone	*	14.000	J			
P4022-08	DDCA6	Water	Bicyclo[2.2.1]hept-2-ene, 2,3-dim	*	27.000	J			
P4022-08	DDCA6	Water	Hexanal, 2-ethyl-	*	7.100	J			

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Hit Summary Sheet
SW-846

SDG No.: BP093024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4022-08	DDCA6	Water	Hexanoic acid, 2-ethyl-	*	11.000	J			
P4022-08	DDCA6	Water	Mesitylene	*	56.000	J			
P4022-08	DDCA6	Water	n-Hexadecanoic acid	*	4.000	J			
P4022-08	DDCA6	Water	Naphthalene, 2,3,6-trimethyl-	*	6.200	J			
P4022-08	DDCA6	Water	o-Cymene	*	15.000	J			
P4022-08	DDCA6	Water	Phenol, 2,3,5,6-tetrachloro-	*	7.300	J			
P4022-08	DDCA6	Water	Phorone	*	11.000	J			
P4022-08	DDCA6	Water	Propanoic acid, 2-methyl-, hexyl ε	*	9.700	J			
P4022-08	DDCA6	Water	unknown-01	*	10.000	J			
P4022-08	DDCA6	Water	unknown-02	*	12.000	J			
P4022-08	DDCA6	Water	unknown-03	*	12.000	J			
P4022-08	DDCA6	Water	unknown-04	*	9.700	J			
P4022-08	DDCA6	Water	unknown-05	*	6.900	J			
P4022-08	DDCA6	Water	Total Alkanes	*	15.000		1.1	5	ug/L
			Total Tics :		**586.40**				
P4022-08	DDCA6	Water	1,1-Biphenyl		1.100	J	1.1	5	ug/L
P4022-08	DDCA6	Water	1-Methylnaphthalene		9.900		0.91	5	ug/L
P4022-08	DDCA6	Water	2,3,4,6-Tetrachlorophenol		370.000	E	1.5	5	ug/L
P4022-08	DDCA6	Water	2-Methylnaphthalene		16.000		1.1	5	ug/L
P4022-08	DDCA6	Water	Isophorone		1.800	J	1.7	5	ug/L
P4022-08	DDCA6	Water	Naphthalene		9.700		0.94	5	ug/L
P4022-08	DDCA6	Water	Pentachlorophenol		2,200.000	E	1.9	10	ug/L
			Total Svoc :		**2,608.50**				
			Total Concentration:		**3,194.90**				
Client ID :	**SLEB650**								
PB163716TB	SLEB650	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: Calibration Date(s): 9/24/2024

Calibration Time(s): 10:53

LAB FILE ID: RRFAL1 = BP021990.D RRFAL2 = BP021991.D RRFAL3 = BP021992.D
RRFAL4 = BP021993.D RRFAL5 = BP021994.D RRFAL6 = BP021995.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.561	0.576	0.554	0.534	0.541		0.553	3.0
Benzaldehyde		1.112	1.073	1.057	0.732	0.653	0.925	23.3
Pyridine		1.598	1.437	1.482	1.492	1.405	1.483	4.9
Hexachloroethane	0.560	0.629	0.551	0.595	0.562		0.579	5.6
Nitrobenzene	0.434	0.500	0.442	0.456	0.456		0.458	5.6
Isophorone	0.698	0.853	0.760	0.836	0.817		0.793	8.0
2-Nitrophenol	0.152	0.186	0.176	0.196	0.198		0.182	10.4
2,4-Dimethylphenol	0.385	0.442	0.392	0.414	0.424		0.411	5.8
Bis(2-Chloroethoxy)methane	0.413	0.495	0.440	0.480	0.456		0.457	7.1
2,4-Dichlorophenol	0.332	0.388	0.346	0.380	0.385		0.366	6.9
Naphthalene	1.012	1.136	1.005	1.050	1.059		1.052	5.0
4-Chloroaniline		0.456	0.411	0.441	0.443	0.426	0.436	4.0
Hexachlorobutadiene	0.327	0.355	0.311	0.320	0.312		0.325	5.5
Phenol		1.732	1.587	1.717	1.705	1.795	1.707	4.4
Caprolactam		0.103	0.101	0.112	0.119	0.120	0.111	7.8
4-Chloro-3-methylphenol	0.340	0.422	0.379	0.416	0.424		0.396	9.1
1-Methylnaphthalene	0.728	0.845	0.749	0.808	0.814		0.789	6.2
2-Methylnaphthalene	0.714	0.846	0.739	0.813	0.799		0.782	7.0
Hexachlorocyclopentadiene		0.475	0.423	0.485	0.468	0.481	0.466	5.4
2,4,6-Trichlorophenol	0.391	0.461	0.406	0.480	0.480		0.443	9.5
2,4,5-Trichlorophenol	0.429	0.494	0.448	0.512	0.518		0.480	8.3
1,1-Biphenyl	1.347	1.573	1.319	1.469	1.444		1.430	7.1
2-Chloronaphthalene	1.089	1.238	1.051	1.204	1.176		1.152	6.8
2-Nitroaniline	0.264	0.343	0.315	0.363	0.381		0.333	13.7
Bis(2-Chloroethyl)ether		1.342	1.272	1.349	1.268	1.302	1.307	2.9
Dimethylphthalate	1.474	1.685	1.459	1.574	1.573		1.553	5.9
2,6-Dinitrotoluene	0.240	0.308	0.283	0.318	0.340		0.298	12.8
Acenaphthylene	1.543	1.837	1.593	1.761	1.801		1.707	7.7
3-Nitroaniline		0.257	0.257	0.282	0.276	0.284	0.271	5.0
Acenaphthene	1.174	1.347	1.140	1.265	1.275		1.240	6.7
2,4-Dinitrophenol		0.167	0.169	0.198	0.227	0.251	0.203	18.0
4-Nitrophenol		0.309	0.282	0.296	0.313	0.297	0.299	4.1
Dibenzofuran	1.756	2.062	1.709	1.854	1.838		1.844	7.3
2,4-Dinitrotoluene	0.384	0.482	0.439	0.478	0.511		0.459	10.7
Diethylphthalate	1.415	1.711	1.453	1.555	1.550		1.537	7.5
2-Chlorophenol	1.103	1.321	1.209	1.268	1.235		1.227	6.6

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: Calibration Date(s): 9/24/2024

Calibration Time(s): 10:53

LAB FILE ID: RRFAL1 = BP021990.D RRFAL2 = BP021991.D RRFAL3 = BP021992.D
RRFAL4 = BP021993.D RRFAL5 = BP021994.D RRFAL6 = BP021995.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.497	1.677	1.421	1.514	1.559		1.533	6.2
4-Chlorophenyl-phenylether	0.874	0.954	0.813	0.877	0.895		0.883	5.7
4-Nitroaniline		0.299	0.281	0.287	0.265	0.247	0.276	7.3
4,6-Dinitro-2-methylphenol		0.129	0.118	0.137	0.141	0.152	0.135	9.5
N-Nitrosodiphenylamine	0.487	0.589	0.487	0.544	0.527		0.527	8.1
1,2,4,5-Tetrachlorobenzene	0.704	0.799	0.685	0.762	0.758		0.742	6.2
4-Bromophenyl-phenylether	0.224	0.260	0.218	0.253	0.245		0.240	7.6
Hexachlorobenzene	0.276	0.320	0.268	0.300	0.294		0.292	7.1
Atrazine		0.256	0.224	0.238	0.244	0.212	0.235	7.2
Pentachlorophenol		0.188	0.170	0.198	0.202	0.215	0.195	8.7
2-Methylphenol		1.199	1.173	1.252	1.258	1.310	1.238	4.3
Phenanthrene	0.997	1.148	0.980	1.072	1.047		1.049	6.3
Pentachlorobenzene	0.324	0.363	0.296	0.343	0.324		0.330	7.5
Anthracene	1.028	1.168	0.989	1.085	1.067		1.067	6.3
1,2,3,4-Tetrachlorobenzene	0.274	0.322	0.270	0.331	0.304		0.300	9.2
Carbazole		1.020	0.889	0.953	0.921	0.920	0.941	5.3
Di-n-butylphthalate	0.983	1.200	1.040	1.120	1.078		1.084	7.6
Fluoranthene	1.009	1.225	1.104	1.278	1.305		1.184	10.6
Pyrene	1.125	1.346	1.176	1.368	1.359		1.275	9.0
Butylbenzylphthalate	0.361	0.463	0.425	0.485	0.488		0.444	11.9
3,3-Dichlorobenzidine		0.479	0.440	0.481	0.454	0.436	0.458	4.6
2,2-oxybis(1-Chloropropane)		1.308	1.188	1.257	1.141	1.168	1.212	5.7
Benzo(a)anthracene	1.299	1.485	1.284	1.412	1.411		1.378	6.2
Chrysene	1.258	1.403	1.190	1.313	1.304		1.294	6.1
Bis(2-ethylhexyl)phthalate	0.552	0.701	0.634	0.696	0.676		0.652	9.4
Di-n-octyl phthalate		0.943	0.913	1.024	1.029	1.031	0.988	5.6
Benzo(b)fluoranthene	1.102	1.299	1.165	1.306	1.337		1.242	8.2
Benzo(k)fluoranthene	1.111	1.304	1.182	1.288	1.302		1.237	7.0
Benzo(a)pyrene	1.020	1.201	1.086	1.196	1.218		1.144	7.6
Indeno(1,2,3-cd)pyrene	1.427	1.570	1.364	1.531	1.566		1.492	6.2
Dibenzo(a,h)anthracene	1.167	1.282	1.076	1.235	1.248		1.202	6.8
Benzo(g,h,i)perylene	1.103	1.204	1.055	1.198	1.227		1.157	6.4
Acetophenone		2.234	2.042	2.227	2.136	2.144	2.156	3.7
2,3,4,6-Tetrachlorophenol	0.419	0.494	0.425	0.483	0.489		0.462	8.0
1,4-Dioxane-d8	0.504	0.544	0.496	0.490	0.519		0.511	4.2
Pyridine-d5		1.559	1.414	1.454	1.475	1.395	1.460	4.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: Calibration Date(s): 9/24/2024

Calibration Time(s): 10:53

LAB FILE ID: RRFAL1 = BP021990.D RRFAL2 = BP021991.D RRFAL3 = BP021992.D
RRFAL4 = BP021993.D RRFAL5 = BP021994.D RRFAL6 = BP021995.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.621	1.512	1.639	1.664	1.745	1.636	5.1
Bis-(2-Chloroethyl)ether-d8		1.094	0.965	1.029	0.963	0.986	1.007	5.5
2-Chlorophenol-d4	1.038	1.233	1.173	1.241	1.234		1.184	7.2
4-Methylphenol-d8		1.271	1.209	1.340	1.305	1.357	1.296	4.6
Nitrobenzene-d5	0.133	0.156	0.144	0.157	0.159		0.150	7.4
2-Nitrophenol-d4	0.144	0.173	0.161	0.181	0.189		0.170	10.4
2,4-Dichlorophenol-d3	0.326	0.380	0.358	0.385	0.394		0.369	7.4
4-Chloroaniline-d4		0.460	0.415	0.441	0.449	0.433	0.440	3.8
4-Methylphenol		1.360	1.258	1.382	1.350	1.402	1.350	4.1
Dimethylphthalate-d6	1.409	1.687	1.464	1.585	1.586		1.546	7.1
Acenaphthylene-d8	1.436	1.749	1.523	1.708	1.768		1.637	9.1
4-Nitrophenol-d4		0.258	0.241	0.263	0.282	0.277	0.264	6.1
Fluorene-d10	1.276	1.524	1.272	1.360	1.406		1.368	7.6
4,6-Dinitro-2-methylphenol-		0.115	0.106	0.125	0.132	0.143	0.124	11.6
Anthracene-d10	0.898	1.013	0.866	0.944	0.947		0.934	6.0
Pyrene-d10	0.898	1.075	0.957	1.117	1.134		1.036	10.0
Benzo(a)pyrene-d12	0.924	1.100	0.995	1.109	1.132		1.052	8.4
N-Nitroso-di-n-propylamine	0.957	1.233	1.083	1.203	1.112		1.118	9.8

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020617 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 01:31

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	113034	7.71	431703	10.47	346436	14.32
	UPPER LIMIT	226068	8.21	863406	10.969	692872	14.822
	LOWER LIMIT	56517	7.21	215851.5	9.969	173218	13.822
	EPA SAMPLE NO.						
01	SBLK565	112018	7.70	408580	10.46	307859	14.31
02	SBLK717	93009	7.70	327850	10.46	234960	14.31
03	SBLK716	79400	7.70	275140	10.46	201923	14.32
04	DDCD6	92497	7.70	402363	10.46	319859	14.31
05	DDCA1	109233	7.70	429682	10.46	344046	14.31
06	DDCA6	109456	7.70	404475	10.46	301079	14.30
07	DDC37	113238	7.70	451410	10.46	364458	14.30
08	DDC70	121349	7.70	466723	10.46	368196	14.30
09	DDC70MS	125208	7.71	480942	10.46	374785	14.30
10	DDC70MSD	122648	7.70	470506	10.46	362078	14.30
11	SLEB650	116586	7.70	426493	10.45	302427	14.30
12	DDC95	108841	7.71	446677	10.46	348191	14.31
13	SLCS716	131499	7.70	486526	10.46	383632	14.30
14	SLCS717	110892	7.70	415155	10.46	311871	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020777 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BP022112.D Time Analyzed: 15:19

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	65023	7.699	239225	10.46	186589	14.31
	UPPER LIMIT	130046	8.199	478450	10.957	373178	14.81
	LOWER LIMIT	32511.5	7.199	119612.5	9.957	93294.5	13.81
	EPA SAMPLE NO.						
01	SBLK717	93009	7.70	327850	10.46	234960	14.31
02	SBLK716	79400	7.70	275140	10.46	201923	14.32
03	DDCD6	92497	7.70	402363	10.46	319859	14.31
04	DDCA1	109233	7.70	429682	10.46	344046	14.31
05	DDCA6	109456	7.70	404475	10.46	301079	14.30
06	DDC37	113238	7.70	451410	10.46	364458	14.30
07	DDC70	121349	7.70	466723	10.46	368196	14.30
08	DDC70MS	125208	7.71	480942 *	10.46	374785 *	14.30
09	DDC70MSD	122648	7.70	470506	10.46	362078	14.30
10	SLEB650	116586	7.70	426493	10.45	302427	14.30
11	DDC95	108841	7.71	446677	10.46	348191	14.31
12	SLCS716	131499 *	7.70	486526 *	10.46	383632 *	14.30
13	SLCS717	110892	7.70	415155	10.46	311871	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020778 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022126.D Time Analyzed: 01:31

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	110691	7.699	412629	10.46	312481	14.30
	UPPER LIMIT	221382	8.199	825258	10.957	624962	14.804
	LOWER LIMIT	55345.5	7.199	206314.5	9.957	156240.5	13.804
	EPA SAMPLE NO.						
01	SBLK565	112018	7.70	408580	10.46	307859	14.31

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.

Alliance TECHNICAL GROUP
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020617 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 01:31

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	883419	17.116	1.066e+00	21.539	1.22417e+0(	24.821
	UPPER LIMIT	1766838	17.616	2132000	22.039	2448340	25.321
	LOWER LIMIT	441709.5	16.616	533000	21.039	612085	24.321
	EPA SAMPLE NO.						
01	SBLK565	732055	17.10	854926	21.53	999063	24.82
02	SBLK717	534392	17.10	605126	21.53	728380	24.82
03	SBLK716	481142	17.11	588826	21.54	729851	24.82
04	DDCD6	787264	17.11	932441	21.53	1.09591e+	24.82
05	DDCA1	797487	17.12	905732	21.53	1.07765e+	24.82
06	DDCA6	705613	17.11	801685	21.54	925560	24.82
07	DDC37	845337	17.11	964854	21.55	1.15474e+	24.81
08	DDC70	842122	17.11	936610	21.53	1.10194e+	24.82
09	DDC70MS	855178	17.12	975799	21.54	1.16464e+	24.83
10	DDC70MSD	845891	17.12	936392	21.54	1.11791e+	24.82
11	SLEB650	691630	17.09	785415	21.53	952448	24.81
12	DDC95	816123	17.12	946143	21.53	1.1265e+0	24.81
13	SLCS716	947438	17.10	1.13694e+	21.54	1.36826e+	24.83
14	SLCS717	747147	17.11	874214	21.53	1.06024e+	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020777 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BP022112.D Time Analyzed: 15:19

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	453635	17.098	622934	21.539	848529	24.821
	UPPER LIMIT	907270	17.598	1245868	22.039	1697058	25.321
	LOWER LIMIT	226817.5	16.598	311467	21.039	424264.5	24.321
	EPA SAMPLE NO.						
01	SBLK717	534392	17.10	605126	21.53	728380	24.82
02	SBLK716	481142	17.11	588826	21.54	729851	24.82
03	DDCD6	787264	17.11	932441	21.53	1.09591e+	24.82
04	DDCA1	797487	17.12	905732	21.53	1.07765e+	24.82
05	DDCA6	705613	17.11	801685	21.54	925560	24.82
06	DDC37	845337	17.11	964854	21.55	1.15474e+	24.81
07	DDC70	842122	17.11	936610	21.53	1.10194e+	24.82
08	DDC70MS	855178	17.12	975799	21.54	1.16464e+	24.83
09	DDC70MSD	845891	17.12	936392	21.54	1.11791e+	24.82
10	SLEB650	691630	17.09	785415	21.53	952448	24.81
11	DDC95	816123	17.12	946143	21.53	1.1265e+0	24.81
12	SLCS716	947438 *	17.10	1.13694e+	21.54	1.36826e+	24.83
13	SLCS717	747147	17.11	874214	21.53	1.06024e+	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

EPA Sample No.: SSTD020778 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022126.D Time Analyzed: 01:31

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	760065	17.104	892034	21.533	1.10889e+0(	24.81
	UPPER LIMIT	1520130	17.604	1784068	22.033	2217780	25.31
	LOWER LIMIT	380032.5	16.604	446017	21.033	554445	24.31
	EPA SAMPLE NO.						
01	SBLK565	732055	17.10	854926	21.53	999063	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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163716BS	1,4-Dioxane	16	7.8	ug/L	49				0	0	
	Benzaldehyde	40	23	ug/L	58				0	0	
	Pyridine	40	20	ug/L	50				0	0	
	Phenol	40	24	ug/L	60				0	0	
	Bis(2-chloroethyl)ether	40	23	ug/L	58				0	0	
	2-Chlorophenol	40	26	ug/L	65				0	0	
	2-Methylphenol	40	24	ug/L	60				0	0	
	2,2-oxybis(1-Chloropropane)	40	22	ug/L	55				0	0	
	Acetophenone	40	24	ug/L	60				0	0	
	4-Methylphenol	40	24	ug/L	60				0	0	
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0	
	Hexachloroethane	40	25	ug/L	63				0	0	
	Nitrobenzene	40	24	ug/L	60				0	0	
	Isophorone	40	24	ug/L	60				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0	
	2,4-Dichlorophenol	40	27	ug/L	68				0	0	
	Naphthalene	40	25	ug/L	63				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	25	ug/L	63				0	0	
	1-Methylnaphthalene	40	25	ug/L	63				0	0	
	2-Methylnaphthalene	40	25	ug/L	63				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	25	ug/L	63				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	24	ug/L	60				0	0	
	Dimethylphthalate	40	25	ug/L	63				0	0	
	2,6-Dinitrotoluene	40	26	ug/L	65				0	0	
	Acenaphthylene	40	26	ug/L	65				0	0	
	3-Nitroaniline	40	25	ug/L	63				0	0	
	Acenaphthene	40	24	ug/L	60				0	0	
	2,4-Dinitrophenol	40	23	ug/L	58				0	0	
	4-Nitrophenol	40	24	ug/L	60				0	0	
	Dibenzofuran	40	25	ug/L	63				0	0	
	2,4-Dinitrotoluene	40	26	ug/L	65				0	0	
	Diethylphthalate	40	25	ug/L	63				0	0	
	Fluorene	40	25	ug/L	63				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	29	ug/L	73				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163716BS	4,6-Dinitro-2-methylphenol	40	26	ug/L	65				0	0	
	N-Nitrosodiphenylamine	40	25	ug/L	63				0	0	
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40		ug/L	0				0	0	
	Atrazine	40	19	ug/L	48				0	0	
	Pentachlorophenol	40	26	ug/L	65				0	0	
	Phenanthrene	40	26	ug/L	65				0	0	
	Pentachlorobenzene	40	26	ug/L	65				0	0	
	Anthracene	40	25	ug/L	63				0	0	
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	Carbazole	40	25	ug/L	63				0	0	
	Di-n-butylphthalate	40	25	ug/L	63				0	0	
	Fluoranthene	40	25	ug/L	63				0	0	
	Pyrene	40	25	ug/L	63				0	0	
	Butylbenzylphthalate	40	24	ug/L	60				0	0	
	3,3'-Dichlorobenzidine	40	26	ug/L	65				0	0	
	Benzo(a)anthracene	40	25	ug/L	63				0	0	
	Chrysene	40	24	ug/L	60				0	0	
	Bis(2-ethylhexyl)phthalate	40	24	ug/L	60				0	0	
	Di-n-octylphthalate	40	22	ug/L	55				0	0	
	Benzo(b)fluoranthene	40	26	ug/L	65				0	0	
	Benzo(k)fluoranthene	40	25	ug/L	63				0	0	
	Benzo(a)pyrene	40	24	ug/L	60				0	0	
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	40	26	ug/L	65				0	0	
	Benzo(g,h,i)perylene	40	26	ug/L	65				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163717BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethyl)ether	40	25	ug/L	63				0	0	
	2-Chlorophenol	40	26	ug/L	65				0	0	
	2-Methylphenol	40	25	ug/L	63				0	0	
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	25	ug/L	63				0	0	
	N-Nitroso-di-n-propylamine	40	25	ug/L	63				0	0	
	Hexachloroethane	40	26	ug/L	65				0	0	
	Nitrobenzene	40	26	ug/L	65				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	24	ug/L	60				0	0	
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0	
	2,4-Dichlorophenol	40	27	ug/L	68				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	28	ug/L	70				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	23	ug/L	58				0	0	
	4-Nitrophenol	40	26	ug/L	65				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	28	ug/L	70				0	0	
	Diethylphthalate	40	26	ug/L	65				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	30	ug/L	75				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163717BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	20	ug/L	50				0	0	
	Pentachlorophenol	40	25	ug/L	63				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	26	ug/L	65				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	Carbazole	40	27	ug/L	68				0	0	
	Di-n-butylphthalate	40	26	ug/L	65				0	0	
	Fluoranthene	40	26	ug/L	65				0	0	
	Pyrene	40	26	ug/L	65				0	0	
	Butylbenzylphthalate	40	26	ug/L	65				0	0	
	3,3'-Dichlorobenzidine	40	28	ug/L	70				0	0	
	Benzo(a)anthracene	40	26	ug/L	65				0	0	
	Chrysene	40	26	ug/L	65				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	24	ug/L	60				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	26	ug/L	65				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0	
	Dibenzo(a,h)anthracene	40	27	ug/L	68				0	0	
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK565

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

Lab File ID: BP022127.D Lab Sample ID: PB163565BL

Instrument ID: BNA_P Date Extracted: 09/20/2024

Matrix: (soil/water) Solid Date Analyzed: 10/01/2024

Level: (low/med) LOW Time Analyzed: 01:31

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

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

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK716

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

Lab File ID: BP022114.D Lab Sample ID: PB163716BL

Instrument ID: BNA_P Date Extracted: 09/26/2024

Matrix: (soil/water) Water Date Analyzed: 09/30/2024

Level: (low/med) LOW Time Analyzed: 16:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC37	P4022-01	BP022118.D	09/30/2024
DDC70	P4022-02	BP022119.D	09/30/2024
DDC70MS	P4022-03MS	BP022120.D	09/30/2024
DDC70MSD	P4022-04MSD	BP022121.D	09/30/2024
PB163716TB	PB163716TB	BP022122.D	09/30/2024
DDC95	P4022-05	BP022123.D	09/30/2024
PB163716BS	PB163716BS	BP022124.D	09/30/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK717

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP093024 SAS No.: BP093024 SDG NO.: BP093024

Lab File ID: BP022113.D Lab Sample ID: PB163717BL

Instrument ID: BNA_P Date Extracted: 09/26/2024

Matrix: (soil/water) Water Date Analyzed: 09/30/2024

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDCD6	P4022-06	BP022115.D	09/30/2024
DDCA1	P4022-07	BP022116.D	09/30/2024
DDCA6	P4022-08	BP022117.D	09/30/2024
PB163717BS	PB163717BS	BP022125.D	09/30/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4022-03MS		**Client Sample ID: DDC70MS**						**DataFile:**	**BP022120.D**		
1,4-Dioxane	16		4.8	ug/L	30				15	120	
Benzaldehyde	40		50	ug/L	125				0	0	
Pyridine	40		8.3	ug/L	21				0	0	
Phenol	40		9.9	ug/L	25				12	110	
Bis(2-chloroethyl)ether	40		29	ug/L	73				0	0	
2-Chlorophenol	40		28	ug/L	70				27	123	
2-Methylphenol	40		23	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	40		27	ug/L	68				0	0	
Acetophenone	40		71	ug/L	178				0	0	
4-Methylphenol	40		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40		29	ug/L	73				41	116	
Hexachloroethane	40		52	ug/L	130				0	0	
Nitrobenzene	40		30	ug/L	75				0	0	
Isophorone	40	27	57	ug/L	75				0	0	
2-Nitrophenol	40		32	ug/L	80				0	0	
2,4-Dimethylphenol	40		27	ug/L	68				0	0	
Bis(2-chloroethoxy)methane	40		30	ug/L	75				0	0	
2,4-Dichlorophenol	40	2.8	34	ug/L	78				0	0	
Naphthalene	40	38	72	ug/L	85				0	0	
4-Chloroaniline	40		7.4	ug/L	19				0	0	
Hexachlorobutadiene	40		28	ug/L	70				0	0	
Caprolactam	40		7.6	ug/L	19				0	0	
4-Chloro-3-methylphenol	40		31	ug/L	78				23	97	
1-Methylnaphthalene	40	23	57	ug/L	85				0	0	
2-Methylnaphthalene	40	38	74	ug/L	90				0	0	
Hexachlorocyclopentadiene	40		26	ug/L	65				0	0	
2,4,6-Trichlorophenol	40	9.4	43	ug/L	84				0	0	
2,4,5-Trichlorophenol	40	2.7	37	ug/L	86				0	0	
1,1'-Biphenyl	40	2.3	33	ug/L	77				0	0	
2-Chloronaphthalene	40		31	ug/L	78				0	0	
2-Nitroaniline	40		35	ug/L	88				0	0	
Dimethylphthalate	40	2.2	31	ug/L	72				0	0	
2,6-Dinitrotoluene	40		34	ug/L	85				0	0	
Acenaphthylene	40		32	ug/L	80				0	0	
3-Nitroaniline	40		17	ug/L	43				0	0	
Acenaphthene	40		31	ug/L	78				46	118	
2,4-Dinitrophenol	40		34	ug/L	85				0	0	
4-Nitrophenol	40		11	ug/L	28				10	80	
Dibenzofuran	40		31	ug/L	78				0	0	
2,4-Dinitrotoluene	40		33	ug/L	83				24	96	
Diethylphthalate	40		31	ug/L	78				0	0	
Fluorene	40	1.4	32	ug/L	77				0	0	
4-Chlorophenyl-phenylether	40		30	ug/L	75				0	0	
4-Nitroaniline	40		18	ug/L	45				0	0	
4,6-Dinitro-2-methylphenol	40		47	ug/L	117				0	0	
N-Nitrosodiphenylamine	40		34	ug/L	85				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		30	ug/L	75				0	0	
4-Bromophenyl-phenylether	40		35	ug/L	88				0	0	
Hexachlorobenzene	40		35	ug/L	88				0	0	
Atrazine	40		18	ug/L	45				0	0	
Pentachlorophenol	40	2900	3400	ug/L	1250	*			9	103	
Phenanthrene	40	1.6	35	ug/L	84				0	0	
Pentachlorobenzene	40		32	ug/L	80				0	0	
Anthracene	40		33	ug/L	83				0	0	
1,2,3,4-Tetrachlorobenzene	40		31	ug/L	78				0	0	
Carbazole	40		33	ug/L	83				0	0	
Di-n-butylphthalate	40		34	ug/L	85				0	0	
Fluoranthene	40		34	ug/L	85				0	0	
Pyrene	40		34	ug/L	85				26	127	
Butylbenzylphthalate	40		35	ug/L	88				0	0	
3,3'-Dichlorobenzidine	40		1.6	ug/L	4				0	0	
Benzo(a)anthracene	40		33	ug/L	83				0	0	
Chrysene	40		32	ug/L	80				0	0	
Bis(2-ethylhexyl)phthalate	40		34	ug/L	85				0	0	
Di-n-octylphthalate	40		32	ug/L	80				0	0	
Benzo(b)fluoranthene	40		35	ug/L	88				0	0	
Benzo(k)fluoranthene	40		32	ug/L	80				0	0	
Benzo(a)pyrene	40		31	ug/L	78				0	0	
Indeno(1,2,3-cd)pyrene	40		34	ug/L	85				0	0	
Dibenzo(a,h)anthracene	40		34	ug/L	85				0	0	
Benzo(g,h,i)perylene	40		34	ug/L	85				0	0	
2,3,4,6-Tetrachlorophenol	40	990	1100	ug/L	275				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4022-04MSD		**Client Sample ID: DDC70MSD**						**DataFile:**	**BP022121.D**		
1,4-Dioxane	16		4.9	ug/L	31	3			15	120	50
Benzaldehyde	40		50	ug/L	125	0			0	0	0
Pyridine	40		8.2	ug/L	21	0			0	0	0
Phenol	40		10	ug/L	25	0			12	110	42
Bis(2-chloroethyl)ether	40		29	ug/L	73	0			0	0	0
2-Chlorophenol	40		29	ug/L	73	4			27	123	40
2-Methylphenol	40		24	ug/L	60	3		*	0	0	0
2,2-oxybis(1-Chloropropane)	40		28	ug/L	70	3		*	0	0	0
Acetophenone	40		71	ug/L	178	0			0	0	0
4-Methylphenol	40		21	ug/L	52	0			0	0	0
N-Nitroso-di-n-propylamine	40		29	ug/L	73	0			41	116	38
Hexachloroethane	40		52	ug/L	130	0			0	0	0
Nitrobenzene	40		30	ug/L	75	0			0	0	0
Isophorone	40	27	58	ug/L	78	4		*	0	0	0
2-Nitrophenol	40		32	ug/L	80	0			0	0	0
2,4-Dimethylphenol	40		28	ug/L	70	3		*	0	0	0
Bis(2-chloroethoxy)methane	40		30	ug/L	75	0			0	0	0
2,4-Dichlorophenol	40	2.8	34	ug/L	78	0			0	0	0
Naphthalene	40	38	72	ug/L	85	0			0	0	0
4-Chloroaniline	40		8	ug/L	20	5		*	0	0	0
Hexachlorobutadiene	40		27	ug/L	68	3		*	0	0	0
Caprolactam	40		8.1	ug/L	20	5		*	0	0	0
4-Chloro-3-methylphenol	40		31	ug/L	78	0			23	97	42
1-Methylnaphthalene	40	23	57	ug/L	85	0			0	0	0
2-Methylnaphthalene	40	38	76	ug/L	95	5		*	0	0	0
Hexachlorocyclopentadiene	40		26	ug/L	65	0			0	0	0
2,4,6-Trichlorophenol	40	9.4	44	ug/L	86	2		*	0	0	0
2,4,5-Trichlorophenol	40	2.7	37	ug/L	86	0			0	0	0
1,1'-Biphenyl	40	2.3	33	ug/L	77	0			0	0	0
2-Chloronaphthalene	40		31	ug/L	78	0			0	0	0
2-Nitroaniline	40		36	ug/L	90	2		*	0	0	0
Dimethylphthalate	40	2.2	32	ug/L	75	4		*	0	0	0
2,6-Dinitrotoluene	40		35	ug/L	88	3		*	0	0	0
Acenaphthylene	40		32	ug/L	80	0			0	0	0
3-Nitroaniline	40		18	ug/L	45	5		*	0	0	0
Acenaphthene	40		32	ug/L	80	3			46	118	31
2,4-Dinitrophenol	40		35	ug/L	88	3		*	0	0	0
4-Nitrophenol	40		12	ug/L	30	7			10	80	50
Dibenzofuran	40		31	ug/L	78	0			0	0	0
2,4-Dinitrotoluene	40		34	ug/L	85	2			24	96	38
Diethylphthalate	40		32	ug/L	80	3		*	0	0	0
Fluorene	40	1.4	33	ug/L	79	3		*	0	0	0
4-Chlorophenyl-phenylether	40		31	ug/L	78	4		*	0	0	0
4-Nitroaniline	40		21	ug/L	52	14		*	0	0	0
4,6-Dinitro-2-methylphenol	40		47	ug/L	117	0			0	0	0
N-Nitrosodiphenylamine	40		34	ug/L	85	0			0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		30	ug/L	75		0		0	0	0
4-Bromophenyl-phenylether	40		34	ug/L	85		3	*	0	0	0
Hexachlorobenzene	40		34	ug/L	85		3	*	0	0	0
Atrazine	40		18	ug/L	45		0		0	0	0
Pentachlorophenol	40	2900	3200	ug/L	750	*	50		9	103	50
Phenanthrene	40	1.6	35	ug/L	84		0		0	0	0
Pentachlorobenzene	40		32	ug/L	80		0		0	0	0
Anthracene	40		32	ug/L	80		4	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		31	ug/L	78		0		0	0	0
Carbazole	40		33	ug/L	83		0		0	0	0
Di-n-butylphthalate	40		33	ug/L	83		2	*	0	0	0
Fluoranthene	40		35	ug/L	88		3	*	0	0	0
Pyrene	40		34	ug/L	85		0		26	127	31
Butylbenzylphthalate	40		36	ug/L	90		2	*	0	0	0
3,3'-Dichlorobenzidine	40		1.9	ug/L	5		22	*	0	0	0
Benzo(a)anthracene	40		33	ug/L	83		0		0	0	0
Chrysene	40		32	ug/L	80		0		0	0	0
Bis(2-ethylhexyl)phthalate	40		34	ug/L	85		0		0	0	0
Di-n-octylphthalate	40		33	ug/L	83		4	*	0	0	0
Benzo(b)fluoranthene	40		33	ug/L	83		6	*	0	0	0
Benzo(k)fluoranthene	40		33	ug/L	83		4	*	0	0	0
Benzo(a)pyrene	40		31	ug/L	78		0		0	0	0
Indeno(1,2,3-cd)pyrene	40		33	ug/L	83		2	*	0	0	0
Dibenzo(a,h)anthracene	40		33	ug/L	83		2	*	0	0	0
Benzo(g,h,i)perylene	40		33	ug/L	83		2	*	0	0	0
2,3,4,6-Tetrachlorophenol	40	990	1100	ug/L	275		0		0	0	0

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163565BL	PB163565BL	BP022127.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Pyridine-d5	40	22.84	57		20	120
			Phenol-d5	40	23.16	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.83	60		10	150
			2-Chlorophenol-d4	40	25.37	63		15	120
			4-Methylphenol-d8	40	23.51	59		10	140
			Nitrobenzene-d5	40	26.60	66		10	135
			2-Nitrophenol-d4	40	26.61	67		10	120
			2,4-Dichlorophenol-d3	40	24.05	60		10	140
			4-Chloroaniline-d4	40	23.99	60		1	145
			Dimethylphthalate-d6	40	25.48	64		10	145
			Acenaphthylene-d8	40	24.79	62		15	120
			4-Nitrophenol-d4	40	20.97	52		10	150
			Fluorene-d10	40	24.45	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.79	52		10	130
			Anthracene-d10	40	25.40	63		10	150
			Pyrene-d10	40	24.98	62		10	130
			Benzo(a)pyrene-d12	40	24.45	61		10	140

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4022-01	DDC37	BP022118.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Pyridine-d5	40	9.75	24		20	120
			Phenol-d5	40	8.46	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.84	62		25	120
			2-Chlorophenol-d4	40	25.56	64		20	130
			4-Methylphenol-d8	40	18.28	46		25	125
			Nitrobenzene-d5	40	27.89	70		20	125
			2-Nitrophenol-d4	40	31.16	78		20	130
			2,4-Dichlorophenol-d3	40	27.25	68		20	120
			4-Chloroaniline-d4	40	7.28	18		1	146
			Dimethylphthalate-d6	40	29.30	73		25	130
			Acenaphthylene-d8	40	28.70	72		10	130
			4-Nitrophenol-d4	40	10.30	26		10	150
			Fluorene-d10	40	28.35	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	59.64	149	*	10	130
			Anthracene-d10	40	31.40	78		25	130
			Pyrene-d10	40	31.45	79		15	130
			Benzo(a)pyrene-d12	40	31.51	79		20	130
P4022-02	DDC70	BP022119.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	7.13	18	*	20	120
			Phenol-d5	40	10.81	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.99	72		25	120
			2-Chlorophenol-d4	40	30.15	75		20	130
			4-Methylphenol-d8	40	22.16	55		25	125
			Nitrobenzene-d5	40	32.35	81		20	125
			2-Nitrophenol-d4	40	34.25	86		20	130
			2,4-Dichlorophenol-d3	40	31.24	78		20	120
			4-Chloroaniline-d4	40	2.75	7		1	146
			Dimethylphthalate-d6	40	33.36	83		25	130
			Acenaphthylene-d8	40	32.52	81		10	130
			4-Nitrophenol-d4	40	10.69	27		10	150
			Fluorene-d10	40	32.39	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.93	90		10	130
			Anthracene-d10	40	35.05	88		25	130
			Pyrene-d10	40	36.26	91		15	130
			Benzo(a)pyrene-d12	40	35.26	88		20	130
P4022-03MS	DDC70MS	BP022120.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	7.09	18	*	20	120
			Phenol-d5	40	9.32	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.01	70		25	120
			2-Chlorophenol-d4	40	28.28	71		20	130
			4-Methylphenol-d8	40	19.92	50		25	125
			Nitrobenzene-d5	40	31.60	79		20	125
			2-Nitrophenol-d4	40	32.52	81		20	130
			2,4-Dichlorophenol-d3	40	31.55	79		20	120
			4-Chloroaniline-d4	40	10.82	27		1	146
			Dimethylphthalate-d6	40	31.80	79		25	130
			Acenaphthylene-d8	40	31.48	79		10	130
			4-Nitrophenol-d4	40	10.47	26		10	150

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4022-03MS	DDC70MS	BP022120.D	Fluorene-d10	40	31.37	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.75	99		10	130
			Anthracene-d10	40	33.37	83		25	130
			Pyrene-d10	40	34.11	85		15	130
			Benzo(a)pyrene-d12	40	34.08	85		20	130
P4022-04MSD	DDC70MSD	BP022121.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	7.24	18	*	20	120
			Phenol-d5	40	9.47	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.71	69		25	120
			2-Chlorophenol-d4	40	28.66	72		20	130
			4-Methylphenol-d8	40	20.66	52		25	125
			Nitrobenzene-d5	40	31.67	79		20	125
			2-Nitrophenol-d4	40	32.54	81		20	130
			2,4-Dichlorophenol-d3	40	31.51	79		20	120
			4-Chloroaniline-d4	40	11.97	30		1	146
			Dimethylphthalate-d6	40	32.66	82		25	130
			Acenaphthylene-d8	40	31.72	79		10	130
			4-Nitrophenol-d4	40	10.58	26		10	150
			Fluorene-d10	40	31.17	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.24	101		10	130
			Anthracene-d10	40	33.31	83		25	130
			Pyrene-d10	40	34.15	85		15	130
			Benzo(a)pyrene-d12	40	33.53	84		20	130
P4022-05	DDC95	BP022123.D	1,4-Dioxane-d8	8	3.86	48		15	120
			Pyridine-d5	40	7.35	18	*	20	120
			Phenol-d5	40	9.54	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.59	66		25	120
			2-Chlorophenol-d4	40	28.00	70		20	130
			4-Methylphenol-d8	40	20.57	51		25	125
			Nitrobenzene-d5	40	29.49	74		20	125
			2-Nitrophenol-d4	40	30.87	77		20	130
			2,4-Dichlorophenol-d3	40	30.32	76		20	120
			4-Chloroaniline-d4	40	4.41	11		1	146
			Dimethylphthalate-d6	40	32.58	81		25	130
			Acenaphthylene-d8	40	32.33	81		10	130
			4-Nitrophenol-d4	40	12.77	32		10	150
			Fluorene-d10	40	32.94	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.09	98		10	130
			Anthracene-d10	40	33.88	85		25	130
			Pyrene-d10	40	35.53	89		15	130
			Benzo(a)pyrene-d12	40	33.59	84		20	130
PB163716BL	PB163716BL	BP022114.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Pyridine-d5	40	24.45	61		20	120
			Phenol-d5	40	24.17	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.70	62		25	120
			2-Chlorophenol-d4	40	26.52	66		20	130
			4-Methylphenol-d8	40	23.96	60		25	125
			Nitrobenzene-d5	40	27.06	68		20	125
			2-Nitrophenol-d4	40	28.65	72		20	130

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163716BL	PB163716BL	BP022114.D	2,4-Dichlorophenol-d3	40	25.48	64		20	120
			4-Chloroaniline-d4	40	25.66	64		1	146
			Dimethylphthalate-d6	40	28.50	71		25	130
			Acenaphthylene-d8	40	27.13	68		10	130
			4-Nitrophenol-d4	40	22.04	55		10	150
			Fluorene-d10	40	26.67	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.37	58		10	130
			Anthracene-d10	40	28.03	70		25	130
			Pyrene-d10	40	26.65	67		15	130
			Benzo(a)pyrene-d12	40	26.99	67		20	130
PB163716BS	PB163716BS	BP022124.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	20.14	50		20	120
			Phenol-d5	40	23.79	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.13	55		25	120
			2-Chlorophenol-d4	40	26.06	65		20	130
			4-Methylphenol-d8	40	24.61	62		25	125
			Nitrobenzene-d5	40	26.68	67		20	125
			2-Nitrophenol-d4	40	28.00	70		20	130
			2,4-Dichlorophenol-d3	40	27.55	69		20	120
			4-Chloroaniline-d4	40	23.79	59		1	146
			Dimethylphthalate-d6	40	25.66	64		25	130
			Acenaphthylene-d8	40	25.93	65		10	130
			4-Nitrophenol-d4	40	24.41	61		10	150
			Fluorene-d10	40	25.61	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.89	65		10	130
			Anthracene-d10	40	25.79	64		25	130
			Pyrene-d10	40	25.31	63		15	130
			Benzo(a)pyrene-d12	40	26.55	66		20	130
PB163716TB	PB163716TB	BP022122.D	Pyridine-d5	40	22.65	57		20	120
			1,4-Dioxane-d8	8	4.62	58		15	120
			Phenol-d5	40	22.83	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.00	55		25	120
			2-Chlorophenol-d4	40	24.97	62		20	130
			4-Methylphenol-d8	40	22.87	57		25	125
			Nitrobenzene-d5	40	25.17	63		20	125
			2-Nitrophenol-d4	40	25.48	64		20	130
			2,4-Dichlorophenol-d3	40	23.45	59		20	120
			4-Chloroaniline-d4	40	22.87	57		1	146
			Dimethylphthalate-d6	40	24.48	61		25	130
			Acenaphthylene-d8	40	25.06	63		10	130
			4-Nitrophenol-d4	40	19.09	48		10	150
			Fluorene-d10	40	23.92	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.03	50		10	130
			Anthracene-d10	40	25.60	64		25	130
			Pyrene-d10	40	25.16	63		15	130
			Benzo(a)pyrene-d12	40	25.02	63		20	130

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4022-06	DDCD6	BP022115.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Pyridine-d5	40	9.20	23		20	120
			Phenol-d5	40	9.90	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.14	68		25	120
			2-Chlorophenol-d4	40	27.07	68		20	130
			4-Methylphenol-d8	40	21.84	55		25	125
			Nitrobenzene-d5	40	29.01	73		20	125
			2-Nitrophenol-d4	40	30.22	76		20	130
			2,4-Dichlorophenol-d3	40	29.46	74		20	120
			4-Chloroaniline-d4	40	4.41	11		1	146
			Dimethylphthalate-d6	40	32.84	82		25	130
			Acenaphthylene-d8	40	32.01	80		10	130
			4-Nitrophenol-d4	40	11.67	29		10	150
			Fluorene-d10	40	31.89	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.50	94		10	130
			Anthracene-d10	40	33.75	84		25	130
			Pyrene-d10	40	34.37	86		15	130
			Benzo(a)pyrene-d12	40	33.51	84		20	130
P4022-07	DDCA1	BP022116.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	5.77	14	*	20	120
			Phenol-d5	40	6.78	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.29	61		25	120
			2-Chlorophenol-d4	40	27.08	68		20	130
			4-Methylphenol-d8	40	21.75	54		25	125
			Nitrobenzene-d5	40	27.44	69		20	125
			2-Nitrophenol-d4	40	29.20	73		20	130
			2,4-Dichlorophenol-d3	40	29.48	74		20	120
			4-Chloroaniline-d4	40	2.27	6		1	146
			Dimethylphthalate-d6	40	29.56	74		25	130
			Acenaphthylene-d8	40	29.01	73		10	130
			4-Nitrophenol-d4	40	13.10	33		10	150
			Fluorene-d10	40	28.67	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.99	72		10	130
			Anthracene-d10	40	30.57	76		25	130
			Pyrene-d10	40	31.44	79		15	130
			Benzo(a)pyrene-d12	40	30.63	77		20	130
P4022-08	DDCA6	BP022117.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	4.79	12	*	20	120
			Phenol-d5	40	9.53	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.40	54		25	120
			2-Chlorophenol-d4	40	23.11	58		20	130
			4-Methylphenol-d8	40	17.79	44		25	125
			Nitrobenzene-d5	40	23.49	59		20	125
			2-Nitrophenol-d4	40	24.52	61		20	130
			2,4-Dichlorophenol-d3	40	23.20	58		20	120
			4-Chloroaniline-d4	40	3.06	8		1	146
			Dimethylphthalate-d6	40	27.43	69		25	130
			Acenaphthylene-d8	40	27.42	69		10	130
			4-Nitrophenol-d4	40	9.46	24		10	150

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Surrogate Summary

SW-846

SDG No.: BP093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4022-08	DDCA6	BP022117.D	Fluorene-d10	40	26.78	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.58	71		10	130
			Anthracene-d10	40	28.70	72		25	130
			Pyrene-d10	40	28.64	72		15	130
			Benzo(a)pyrene-d12	40	28.56	71		20	130
PB163717BL	PB163717BL	BP022113.D	Pyridine-d5	40	25.56	64		20	120
			1,4-Dioxane-d8	8	5.83	73		15	120
			Phenol-d5	40	24.72	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.32	63		25	120
			2-Chlorophenol-d4	40	27.17	68		20	130
			4-Methylphenol-d8	40	24.54	61		25	125
			Nitrobenzene-d5	40	27.81	70		20	125
			2-Nitrophenol-d4	40	28.87	72		20	130
			2,4-Dichlorophenol-d3	40	25.67	64		20	120
			4-Chloroaniline-d4	40	25.80	64		1	146
			Dimethylphthalate-d6	40	27.80	69		25	130
			Acenaphthylene-d8	40	27.63	69		10	130
			4-Nitrophenol-d4	40	21.12	53		10	150
			Fluorene-d10	40	26.38	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.32	56		10	130
			Anthracene-d10	40	28.55	71		25	130
			Pyrene-d10	40	28.56	71		15	130
			Benzo(a)pyrene-d12	40	27.99	70		20	130
PB163717BS	PB163717BS	BP022125.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	25.08	63		20	120
			Phenol-d5	40	25.39	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.71	62		25	120
			2-Chlorophenol-d4	40	27.25	68		20	130
			4-Methylphenol-d8	40	25.74	64		25	125
			Nitrobenzene-d5	40	27.77	69		20	125
			2-Nitrophenol-d4	40	28.79	72		20	130
			2,4-Dichlorophenol-d3	40	27.86	70		20	120
			4-Chloroaniline-d4	40	24.46	61		1	146
			Dimethylphthalate-d6	40	26.78	67		25	130
			Acenaphthylene-d8	40	27.51	69		10	130
			4-Nitrophenol-d4	40	25.68	64		10	150
			Fluorene-d10	40	26.11	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.59	66		10	130
			Anthracene-d10	40	26.47	66		25	130
			Pyrene-d10	40	26.42	66		15	130
			Benzo(a)pyrene-d12	40	27.45	69		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP093024

Lab Code: CHEM SAS No.: BP093024 SDG NO.: BP093024

Lab File ID: BP022111.D DFTPP Injection Date: 09/30/2024

Instrument ID: BNA_P DFTPP Injection Time: 13:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.6
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	35.2
365	Greater than 1% of mass 198	5.8
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.4 (19.3) 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
SSTD020777	SSTDCCC020	BP022112.D	09/30/2024	14:38
SBLK717	PB163717BL	BP022113.D	09/30/2024	15:19
SBLK716	PB163716BL	BP022114.D	09/30/2024	16:00
DDCD6	P4022-06	BP022115.D	09/30/2024	16:41
DDCA1	P4022-07	BP022116.D	09/30/2024	17:22
DDCA6	P4022-08	BP022117.D	09/30/2024	18:03
DDC37	P4022-01	BP022118.D	09/30/2024	18:44
DDC70	P4022-02	BP022119.D	09/30/2024	19:24
DDC70MS	P4022-03MS	BP022120.D	09/30/2024	20:05
DDC70MSD	P4022-04MSD	BP022121.D	09/30/2024	20:46
SLEB650	PB163716TB	BP022122.D	09/30/2024	21:26
DDC95	P4022-05	BP022123.D	09/30/2024	22:07
SLCS716	PB163716BS	BP022124.D	09/30/2024	22:48
SLCS717	PB163717BS	BP022125.D	09/30/2024	23:29
SSTD020778	SSTDCCC020EC	BP022126.D	10/01/2024	00:50
SBLK565	PB163565BL	BP022127.D	10/01/2024	01:31