

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:00:42

Lab File ID: BP020894.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020680 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.500	0.010	3.5303	50.0
Benzaldehyde	0.822	0.981	0.010	19.3289	50.0
Pyridine	1.312	1.304	0.010	-0.6434	50.0
Phenol	1.650	1.579	0.080	-4.316	50.0
Bis(2-Chloroethyl)ether	1.363	1.367	0.100	0.2976	50.0
2-Chlorophenol	1.346	1.353	0.200	0.4889	50.0
2-Methylphenol	1.276	1.237	0.010	-3.0959	50.0
2,2-oxybis(1-Chloropropane)	1.969	2.040	0.010	3.5786	50.0
Acetophenone	2.090	2.072	0.060	-0.8808	50.0
4-Methylphenol	1.367	1.349	0.010	-1.3459	50.0
N-Nitroso-di-n-propylamine	1.095	1.060	0.050	-3.1692	50.0
Hexachloroethane	0.605	0.599	0.100	-1.0043	50.0
Nitrobenzene	0.372	0.370	0.050	-0.4607	50.0
Isophorone	0.740	0.713	0.050	-3.6156	50.0
2-Nitrophenol	0.185	0.185	0.050	-0.4669	50.0
2,4-Dimethylphenol	0.366	0.360	0.050	-1.6397	50.0
Bis(2-Chloroethoxy)methane	0.450	0.442	0.050	-1.8174	50.0
2,4-Dichlorophenol	0.317	0.313	0.060	-1.2848	50.0
Naphthalene	1.052	1.030	0.200	-2.0971	50.0
4-Chloroaniline	0.407	0.400	0.010	-1.6502	50.0
Hexachlorobutadiene	0.238	0.233	0.040	-1.9314	50.0
Caprolactam	0.098	0.090	0.010	-7.6637	50.0
4-Chloro-3-methylphenol	0.344	0.332	0.040	-3.6998	50.0
1-Methylnaphthalene	0.743	0.724	0.100	-2.4777	50.0
2-Methylnaphthalene	0.722	0.709	0.100	-1.7539	50.0
Hexachlorocyclopentadiene	0.340	0.306	0.010	-9.9037	50.0
2,4,6-Trichlorophenol	0.410	0.397	0.090	-3.3015	50.0
2,4,5-Trichlorophenol	0.434	0.417	0.100	-4.048	50.0
1,1-Biphenyl	1.462	1.426	0.200	-2.4309	50.0
2-Chloronaphthalene	1.167	1.140	0.300	-2.2796	50.0
2-Nitroaniline	0.323	0.305	0.050	-5.5145	50.0
Dimethylphthalate	1.475	1.426	0.300	-3.3233	50.0
2,6-Dinitrotoluene	0.295	0.286	0.080	-2.9332	50.0
Acenaphthylene	1.848	1.788	0.400	-3.2685	50.0
3-Nitroaniline	0.257	0.260	0.010	1.4168	50.0
Acenaphthene	1.227	1.187	0.200	-3.2104	50.0
2,4-Dinitrophenol	0.155	0.131	0.010	-15.2136	50.0
4-Nitrophenol	0.168	0.161	0.010	-4.4468	50.0
Dibenzofuran	1.680	1.628	0.300	-3.0718	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:00:42

Lab File ID: BP020894.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020680 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.394	0.070	-2.783	50.0
Diethylphthalate	1.474	1.447	0.300	-1.8832	50.0
Fluorene	1.371	1.334	0.200	-2.6632	50.0
4-Chlorophenyl-phenylether	0.744	0.723	0.100	-2.8598	50.0
4-Nitroaniline	0.213	0.234	0.010	10.2074	50.0
4,6-Dinitro-2-methylphenol	0.128	0.119	0.010	-7.376	50.0
N-Nitrosodiphenylamine	0.582	0.563	0.050	-3.3745	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.650	0.100	0.049	50.0
4-Bromophenyl-phenylether	0.234	0.227	0.070	-3.1865	50.0
Hexachlorobenzene	0.269	0.258	0.050	-4.041	50.0
Atrazine	0.212	0.208	0.010	-1.98	50.0
Pentachlorophenol	0.146	0.135	0.010	-7.4202	50.0
Phenanthrene	1.038	1.020	0.200	-1.7105	50.0
Pentachlorobenzene	0.318	0.315	0.050	-0.9243	50.0
Anthracene	1.058	1.034	0.200	-2.2011	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.316	0.050	-1.1543	50.0
Carbazole	0.865	0.874	0.050	1.1155	50.0
Di-n-butylphthalate	1.193	1.174	0.500	-1.5734	50.0
Fluoranthene	1.493	1.287	0.400	-13.8053	50.0
Pyrene	1.520	1.322	0.400	-13.0181	50.0
Butylbenzylphthalate	0.633	0.573	0.100	-9.4295	50.0
3,3-Dichlorobenzidine	0.457	0.453	0.010	-0.8571	50.0
Benzo (a) anthracene	1.401	1.335	0.300	-4.7427	50.0
Chrysene	1.302	1.254	0.200	-3.6757	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.866	0.200	-4.9688	50.0
Di-n-octyl phthalate	1.321	1.252	0.010	-5.2605	50.0
Benzo (b) fluoranthene	1.214	1.144	0.200	-5.7088	50.0
Benzo (k) fluoranthene	1.211	1.145	0.200	-5.4742	50.0
Benzo (a) pyrene	1.147	1.108	0.200	-3.4081	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.413	0.200	-4.3855	50.0
Dibenzo (a,h) anthracene	1.224	1.168	0.200	-4.5913	50.0
Benzo (g,h,i) perylene	1.204	1.149	0.200	-4.5088	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.353	0.040	-5.0212	50.0
1,4-Dioxane-d8	0.440	0.457	0.010	4.0124	50.0
Pyridine-d5	1.272	1.287	0.010	1.1643	50.0
Phenol-d5	1.631	1.576	0.010	-3.3624	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	1.009	0.050	2.0848	50.0
2-Chlorophenol-d4	1.343	1.343	0.200	-0.0505	50.0
4-Methylphenol-d8	1.354	1.312	0.010	-3.1324	50.0

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Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:00:42
Lab File ID: BP020894.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020680 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.154	0.050	-0.9194	50.0
2-Nitrophenol-d4	0.178	0.173	0.050	-2.868	50.0
2,4-Dichlorophenol-d3	0.322	0.322	0.060	0.2869	50.0
4-Chloroaniline-d4	0.426	0.423	0.010	-0.747	50.0
Dimethylphthalate-d6	1.454	1.399	0.300	-3.7832	50.0
Acenaphthylene-d8	1.633	1.621	0.400	-0.7252	50.0
4-Nitrophenol-d4	0.207	0.193	0.010	-6.7366	50.0
Fluorene-d10	1.193	1.171	0.100	-1.7947	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.111	0.010	-8.51	50.0
Anthracene-d10	0.888	0.872	0.300	-1.8459	50.0
Pyrene-d10	1.236	1.079	0.300	-12.7442	50.0
Benzo(a)pyrene-d12	0.986	0.964	0.010	-2.2229	50.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: BNA_P Calibration Date/Time: 7/10/2024 1:18:52
Lab File ID: BP020886.D Init. Calib. Date(s): _____
EPA Sample No.: SICV601 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.474	0.010	-2.0245	40.0
Benzaldehyde	0.822	0.994	0.010	20.8595	40.0
Pyridine	1.312	1.245	0.010	-5.1288	40.0
Phenol	1.650	1.704	0.080	3.2846	20.0
Bis(2-Chloroethyl)ether	1.363	1.383	0.100	1.4365	20.0
2-Chlorophenol	1.346	1.420	0.200	5.4258	20.0
2-Methylphenol	1.276	1.321	0.010	3.5285	20.0
2,2-oxybis(1-Chloropropane)	1.969	2.044	0.010	3.7754	40.0
Acetophenone	2.090	2.322	0.060	11.1124	20.0
4-Methylphenol	1.367	1.450	0.010	6.0489	20.0
N-Nitroso-di-n-propylamine	1.095	1.160	0.050	5.9023	30.0
Hexachloroethane	0.605	0.615	0.100	1.6611	20.0
Nitrobenzene	0.372	0.373	0.050	0.1995	25.0
Isophorone	0.740	0.735	0.050	-0.6911	25.0
2-Nitrophenol	0.185	0.195	0.050	5.0931	25.0
2,4-Dimethylphenol	0.366	0.339	0.050	-7.1965	25.0
Bis(2-Chloroethoxy)methane	0.450	0.446	0.050	-0.7899	20.0
2,4-Dichlorophenol	0.317	0.325	0.060	2.523	20.0
Naphthalene	1.052	1.062	0.200	0.9105	20.0
4-Chloroaniline	0.407	0.444	0.010	9.1532	40.0
Hexachlorobutadiene	0.238	0.243	0.040	2.1433	30.0
Caprolactam	0.098	0.111	0.010	13.821	40.0
4-Chloro-3-methylphenol	0.344	0.375	0.040	8.7402	25.0
1-Methylnaphthalene	0.743	0.718	0.100	-3.3591	20.0
2-Methylnaphthalene	0.722	0.772	0.100	6.9084	20.0
Hexachlorocyclopentadiene	0.340	0.278	0.010	-18.3053	40.0
2,4,6-Trichlorophenol	0.410	0.418	0.090	1.8824	25.0
2,4,5-Trichlorophenol	0.434	0.436	0.100	0.3428	25.0
1,1-Biphenyl	1.462	1.477	0.200	1.0836	20.0
2-Chloronaphthalene	1.167	1.137	0.300	-2.5789	20.0
2-Nitroaniline	0.323	0.339	0.050	5.082	40.0
Dimethylphthalate	1.475	1.503	0.300	1.8731	20.0
2,6-Dinitrotoluene	0.295	0.326	0.080	10.6783	30.0
Acenaphthylene	1.848	1.808	0.400	-2.1831	20.0
3-Nitroaniline	0.257	0.314	0.010	22.3627	40.0
Acenaphthene	1.227	1.239	0.200	1.0243	20.0
2,4-Dinitrophenol	0.155	0.159	0.010	2.4205	40.0
4-Nitrophenol	0.168	0.176	0.010	4.7325	40.0
Dibenzofuran	1.680	1.741	0.300	3.6152	20.0

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Instrument ID: BNA_P Calibration Date/Time: 7/10/2024 1:18:52

Lab File ID: BP020886.D Init. Calib. Date(s): _____

EPA Sample No.: SICV601 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.439	0.070	8.5053	30.0
Diethylphthalate	1.474	1.508	0.300	2.2754	20.0
Fluorene	1.371	1.407	0.200	2.6206	20.0
4-Chlorophenyl-phenylether	0.744	0.739	0.100	-0.6337	20.0
4-Nitroaniline	0.213	0.287	0.010	35.0961	40.0
4,6-Dinitro-2-methylphenol	0.128	0.130	0.010	1.4395	40.0
N-Nitrosodiphenylamine	0.582	0.589	0.050	1.0867	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.655	0.100	0.7986	20.0
4-Bromophenyl-phenylether	0.234	0.225	0.070	-4.0415	20.0
Hexachlorobenzene	0.269	0.262	0.050	-2.6352	25.0
Atrazine	0.212	0.225	0.010	6.0871	25.0
Pentachlorophenol	0.146	0.144	0.010	-1.6446	40.0
Phenanthrene	1.038	1.040	0.200	0.2225	20.0
Pentachlorobenzene	0.318	0.299	0.050	-5.9306	20.0
Anthracene	1.058	1.064	0.200	0.6041	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.306	0.050	-4.5183	20.0
Carbazole	0.865	0.923	0.050	6.7661	40.0
Di-n-butylphthalate	1.193	1.208	0.500	1.2647	25.0
Fluoranthene	1.493	1.641	0.400	9.8956	25.0
Pyrene	1.520	1.640	0.400	7.9336	25.0
Butylbenzylphthalate	0.633	0.664	0.100	4.8699	40.0
3,3-Dichlorobenzidine	0.457	0.486	0.010	6.2606	40.0
Benzo (a) anthracene	1.401	1.394	0.300	-0.5186	30.0
Chrysene	1.302	1.305	0.200	0.2716	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.896	0.200	-1.6466	40.0
Di-n-octyl phthalate	1.321	1.400	0.010	5.9283	40.0
Benzo (b) fluoranthene	1.214	1.222	0.200	0.7239	25.0
Benzo (k) fluoranthene	1.211	1.208	0.200	-0.2459	25.0
Benzo (a) pyrene	1.147	1.172	0.200	2.2292	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.530	0.200	3.5346	25.0
Dibenzo (a,h) anthracene	1.224	1.260	0.200	2.9522	30.0
Benzo (g,h,i) perylene	1.204	1.173	0.200	-2.5162	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.406	0.040	9.1275	20.0
1,4-Dioxane-d8	0.440	0.447	0.010	1.6299	25.0
Pyridine-d5	1.272	1.316	0.010	3.4618	40.0
Phenol-d5	1.631	1.693	0.010	3.8224	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	1.144	0.050	15.8082	25.0
2-Chlorophenol-d4	1.343	1.408	0.200	4.7702	20.0
4-Methylphenol-d8	1.354	1.439	0.010	6.2847	20.0

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Lab File ID: BP020886.D Init. Calib. Date(s): _____
EPA Sample No.: SICV601 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.163	0.050	5.0276	20.0
2-Nitrophenol-d4	0.178	0.189	0.050	6.0949	30.0
2,4-Dichlorophenol-d3	0.322	0.340	0.060	5.8877	20.0
4-Chloroaniline-d4	0.426	0.457	0.010	7.2349	40.0
Dimethylphthalate-d6	1.454	1.546	0.300	6.3568	20.0
Acenaphthylene-d8	1.633	1.706	0.400	4.5185	20.0
4-Nitrophenol-d4	0.207	0.226	0.010	9.4799	40.0
Fluorene-d10	1.193	1.277	0.100	7.0485	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.124	0.010	2.4576	40.0
Anthracene-d10	0.888	0.934	0.300	5.1239	20.0
Pyrene-d10	1.236	1.429	0.300	15.5806	25.0
Benzo(a)pyrene-d12	0.986	1.073	0.010	8.7792	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	SBLK835	SDG No.:	BP071024
Lab Sample ID:	PB161835BL	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
BP020887.D	1	6/28/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161835

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	SBLK835	SDG No.:	BP071024
Lab Sample ID:	PB161835BL	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
BP020887.D	1	6/28/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161835

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	SBLK835	SDG No.:	BP071024
Lab Sample ID:	PB161835BL	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
BP020887.D	1	6/28/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161835

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	5.869		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	26.768		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.188		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.843		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.393		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	29.213		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	29.638		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.537		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.576		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.607		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.24		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	29.659		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.626		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.476		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	SBLK835	SDG No.:	BP071024
Lab Sample ID:	PB161835BL	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
BP020887.D	1	6/28/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.23		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	30.518		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	32.606		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.334		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226652	7.722				
1146-65-2	Naphthalene-d8	1012868	10.493				
15067-26-2	Acenaphthene-d10	734739	14.357				
1517-22-2	Phenanthrene-d10	1617871	17.169				
1719-03-5	Chrysene-d12	1281265	21.621				
1520-96-3	Perylene-d12	1163775	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BP071024
Lab Sample ID:	PB161825BL	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
BP020888.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BP071024
Lab Sample ID:	PB161825BL	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
BP020888.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BP071024
Lab Sample ID:	PB161825BL	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
BP020888.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

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	5.538		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	25.661		20-120		64	SPK: -40
4165-62-2	Phenol-d5	27.301		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.102		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.658		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.655		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.883		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.725		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.381		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.227		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.113		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.622		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.247		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	30.298		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BP071024
Lab Sample ID:	PB161825BL	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
BP020888.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.073		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	29.908		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	32.181		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.411		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247284	7.722				
1146-65-2	Naphthalene-d8	1072831	10.493				
15067-26-2	Acenaphthene-d10	757098	14.357				
1517-22-2	Phenanthrene-d10	1580305	17.169				
1719-03-5	Chrysene-d12	1133929	21.622				
1520-96-3	Perylene-d12	1162278	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS825	SDG No.:	BP071024
Lab Sample ID:	PB161825BS	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
BP020889.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.4		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	27		1.1	5	10	ug/L
110-86-1	Pyridine	25		1.7	10	10	ug/L
108-95-2	Phenol	28		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	27		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	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		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	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	28		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	29		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		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	28		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS825	SDG No.:	BP071024
Lab Sample ID:	PB161825BS	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
BP020889.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	30		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.3	2.5	5	ug/L
86-73-7	Fluorene	28		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	6.2	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	24		1.9	5	10	ug/L
85-01-8	Phenanthrene	29		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	30		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS825	SDG No.:	BP071024
Lab Sample ID:	PB161825BS	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
BP020889.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		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	29		1.1	2.5	5	ug/L
218-01-9	Chrysene	29		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		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	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.197		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	23.574		20-120		59	SPK: -40
4165-62-2	Phenol-d5	27.697		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.226		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.55		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.995		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.388		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.063		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.35		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.876		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.581		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.513		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.342		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	28.792		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS825	SDG No.:	BP071024
Lab Sample ID:	PB161825BS	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
BP020889.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.579		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	28.587		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	27.583		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.152		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262227	7.716				
1146-65-2	Naphthalene-d8	1051942	10.498				
15067-26-2	Acenaphthene-d10	684024	14.363				
1517-22-2	Phenanthrene-d10	1346099	17.175				
1719-03-5	Chrysene-d12	1131280	21.627				
1520-96-3	Perylene-d12	1373777	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP071024
Lab Sample ID:	PB161754BS	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
BP020890.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1400		45	82.5	330	ug/Kg
110-86-1	Pyridine	1100		33	170	330	ug/Kg
108-95-2	Phenol	1200		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		31	42.5	170	ug/Kg
78-59-1	Isophorone	1200		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	830		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		16	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1400		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	850		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP071024
Lab Sample ID:	PB161754BS	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
BP020890.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1400		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1500		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1300		30	42.5	170	ug/Kg
86-73-7	Fluorene	1200		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1700		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		32	42.5	170	ug/Kg
1912-24-9	Atrazine	580		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		52	42.5	170	ug/Kg
120-12-7	Anthracene	1100		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		50	42.5	170	ug/Kg
86-74-8	Carbazole	1300		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP071024
Lab Sample ID:	PB161754BS	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
BP020890.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		27	42.5	170	ug/Kg
218-01-9	Chrysene	1200		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1200		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.367		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	35.159		20-120		88	SPK: -40
4165-62-2	Phenol-d5	38.006		10-130		95	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.577		10-150		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.9		15-120		95	SPK: -40
190780-66-6	4-Methylphenol-d8	37.044		10-140		93	SPK: -40
4165-60-0	Nitrobenzene-d5	38.521		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.834		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.87		10-140		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.407		1-145		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.645		10-145		99	SPK: -40
93951-97-4	Acenaphthylene-d8	38.475		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	45.33		10-150		113	SPK: -40
81103-79-9	Fluorene-d10	38.94		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP071024
Lab Sample ID:	PB161754BS	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
BP020890.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.031		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	36.812		10-150		92	SPK: -40
1718-52-1	Pyrene-d10	35.77		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.177		10-140		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204506	7.722				
1146-65-2	Naphthalene-d8	867000	10.487				
15067-26-2	Acenaphthene-d10	568473	14.357				
1517-22-2	Phenanthrene-d10	1208322	17.175				
1719-03-5	Chrysene-d12	1053033	21.627				
1520-96-3	Perylene-d12	1255208	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BP071024
Lab Sample ID:	PB161824BL	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
BP020891.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BP071024
Lab Sample ID:	PB161824BL	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
BP020891.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BP071024
Lab Sample ID:	PB161824BL	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
BP020891.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

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	5.885		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	26.163		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.389		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.804		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.23		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.133		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.53		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.959		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.907		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.505		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.625		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.505		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.545		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	31.045		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BP071024
Lab Sample ID:	PB161824BL	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
BP020891.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.902		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	30.226		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	28.744		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.406		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208948	7.722				
1146-65-2	Naphthalene-d8	865337	10.481				
15067-26-2	Acenaphthene-d10	571019	14.351				
1517-22-2	Phenanthrene-d10	1184849	17.174				
1719-03-5	Chrysene-d12	1055491	21.621				
1520-96-3	Perylene-d12	1225470	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK806	SDG No.:	BP071024
Lab Sample ID:	PB161806BL	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
BP020892.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161806

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK806	SDG No.:	BP071024
Lab Sample ID:	PB161806BL	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
BP020892.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161806

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK806	SDG No.:	BP071024
Lab Sample ID:	PB161806BL	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
BP020892.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161806

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	4.518		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.357		20-120		53	SPK: -40
4165-62-2	Phenol-d5	20.572		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.757		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.023		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.527		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.587		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.674		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.129		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.612		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.209		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	21.862		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.585		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	22.877		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK806	SDG No.:	BP071024
Lab Sample ID:	PB161806BL	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
BP020892.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.148		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.672		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	21.523		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.542		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260440	7.722				
1146-65-2	Naphthalene-d8	1094005	10.493				
15067-26-2	Acenaphthene-d10	748488	14.357				
1517-22-2	Phenanthrene-d10	1604819	17.169				
1719-03-5	Chrysene-d12	1429225	21.627				
1520-96-3	Perylene-d12	1605947	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	C0SW0DL	SDG No.:	BP071024
Lab Sample ID:	P3108-04DL	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
BP020893.D	5	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.75	U	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	78	D	7	12.5	25	ug/L
78-59-1	Isophorone	8.5	U	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	3.45	U	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	4.7	U	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	8	U	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	4.55	U	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	5.5	U	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	C0SW0DL	SDG No.:	BP071024
Lab Sample ID:	P3108-04DL	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
BP020893.D	5	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50	D	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	9.5	U	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	U	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	110	D	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	C0SW0DL	SDG No.:	BP071024
Lab Sample ID:	P3108-04DL	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
BP020893.D	5	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.5	U	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.2		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	0.11	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.455		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	53.04	*	25-120		133	SPK: -40
93951-73-6	2-Chlorophenol-d4	49.615		20-130		124	SPK: -40
190780-66-6	4-Methylphenol-d8	31.965		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	51.53	*	20-125		129	SPK: -40
93951-78-1	2-Nitrophenol-d4	54.33	*	20-130		136	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	48.49	*	20-120		121	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	57.95	*	25-130		145	SPK: -40
93951-97-4	Acenaphthylene-d8	42.635		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.3		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	59.02	*	25-125		148	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	C0SW0DL	SDG No.:	BP071024
Lab Sample ID:	P3108-04DL	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
BP020893.D	5	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.195		10-130		103	SPK: -40
1719-06-8	Anthracene-d10	52.265	*	25-130		131	SPK: -40
1718-52-1	Pyrene-d10	56.775	*	15-130		142	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.03		20-130		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194133	7.722				
1146-65-2	Naphthalene-d8	818848	10.493				
15067-26-2	Acenaphthene-d10	570676	14.357				
1517-22-2	Phenanthrene-d10	1276510	17.163				
1719-03-5	Chrysene-d12	1034051	21.622				
1520-96-3	Perylene-d12	1005255	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000694-80-4	Benzene, 1-bromo-2-chloro-	13	JD			9.193	
000121-73-3	Benzene, 1-chloro-3-nitro-	27	JD			11.105	
000088-73-3	Benzene, 1-chloro-2-nitro-	10	JD			11.316	
E966796	Total Alkanes	5.5	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BP071024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0SW0DL								
P3108-04DL	C0SW0DL	Water	Benzene, 1-bromo-2-chloro-	*	13.000	JD		
P3108-04DL	C0SW0DL	Water	Benzene, 1-chloro-2-nitro-	*	10.000	JD		
P3108-04DL	C0SW0DL	Water	Benzene, 1-chloro-3-nitro-	*	27.000	JD		
P3108-04DL	C0SW0DL	Water	Total Alkanes	*	0.000	D 5.5	25	ug/L
			Total Tics :			50.00		
P3108-04DL	C0SW0DL	Water	1,2,3,4-Tetrachlorobenzene		110.000	D 8.5	25	ug/L
P3108-04DL	C0SW0DL	Water	1,2,4,5-Tetrachlorobenzene		50.000	D 7	25	ug/L
P3108-04DL	C0SW0DL	Water	Nitrobenzene		78.000	D 7	25	ug/L
			Total Svoc :			238.00		
			Total Concentration:			288.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 : _____

LAB FILE ID:	RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
	RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	2.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis(1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo(a)anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis(2-ethylhexyl)phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo(b)fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo(k)fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo(a)pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno(1,2,3-cd)pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo(a,h)anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo(g,h,i)perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG NO.: BP071024

EPA Sample No.: SSTD020646 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 18:52

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	204038	7.722	896738	10.49	595801	14.36
	UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
	LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
	EPA SAMPLE NO.						
01	SICV601	188217	7.72	827818	10.49	574847	14.36
02	SBLK835	226652	7.72	1.01287e	10.49	734739	14.36
03	SBLK825	247284	7.72	1.07283e	10.49	757098	14.36
04	SLCS825	262227	7.72	1.05194e	10.50	684024	14.36
05	SLCS754	204506	7.72	867000	10.49	568473	14.36
06	SBLK824	208948	7.72	865337	10.48	571019	14.35
07	SBLK806	260440	7.72	1.09401e	10.49	748488	14.36
08	COSW0DL	194133	7.72	818848	10.49	570676	14.36

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG NO.: BP071024

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG NO.: BP071024

EPA Sample No.: SSTD020646 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 18:52

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	1.18434e+0	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
01 SICV601	1.1983e	17.17	857518	21.63	862339	24.98
02 SBLK835	1.61787	17.17	1.28127e+	21.62	1.16378e+	24.97
03 SBLK825	1.58031	17.17	1.13393e+	21.62	1.16228e+	24.97
04 SLCS825	1.3461e	17.18	1.13128e+	21.63	1.37378e+	24.99
05 SLCS754	1.20832	17.18	1.05303e+	21.63	1.25521e+	24.98
06 SBLK824	1.18485	17.17	1.05549e+	21.62	1.22547e+	24.97
07 SBLK806	1.60482	17.17	1.42923e+	21.63	1.60595e+	24.97
08 COSW0DL	1.27651	17.16	1.03405e+	21.62	1.00526e+	24.97

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG NO.: BP071024

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161754BS	1,4-Dioxane	530	460	ug/Kg	87				0	0		
	Benzaldehyde	1300	1400	ug/Kg	108				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1200	ug/Kg	92				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1200	ug/Kg	92				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethoxy)methane	1300	1200	ug/Kg	92				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1400	ug/Kg	108				0	0		
	4-Chloro-3-methylphenol	1300	1300	ug/Kg	100				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	850	ug/Kg	65				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1500	ug/Kg	115				0	0		
	4-Nitrophenol	1300	1500	ug/Kg	115				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Diethylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluorene	1300	1200	ug/Kg	92				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1700	ug/Kg	131				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161754BS	4,6-Dinitro-2-methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	580	ug/Kg	45				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Carbazole	1300	1300	ug/Kg	100				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0		
	3,3'-Dichlorobenzidine	1300	1200	ug/Kg	92				0	0		
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0		
	Chrysene	1300	1200	ug/Kg	92				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1200	ug/Kg	92				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(a)pyrene	1300	1200	ug/Kg	92				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161825BS	1,4-Dioxane	16	9.4	ug/L	59				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	27	ug/L	68				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	28	ug/L	70				0	0		
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	30	ug/L	75				0	0		
	2,4-Dimethylphenol	40	23	ug/L	58				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	30	ug/L	75				0	0		
	Naphthalene	40	28	ug/L	70				0	0		
	4-Chloroaniline	40	24	ug/L	60				0	0		
	Hexachlorobutadiene	40	28	ug/L	70				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	28	ug/L	70				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	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	30	ug/L	75				0	0		
	Dimethylphthalate	40	28	ug/L	70				0	0		
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	30	ug/L	75				0	0		
	Acenaphthene	40	27	ug/L	68				0	0		
	2,4-Dinitrophenol	40	30	ug/L	75				0	0		
	4-Nitrophenol	40	31	ug/L	78				0	0		
	Dibenzofuran	40	28	ug/L	70				0	0		
	2,4-Dinitrotoluene	40	30	ug/L	75				0	0		
	Diethylphthalate	40	29	ug/L	73				0	0		
	Fluorene	40	28	ug/L	70				0	0		
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0		
	4-Nitroaniline	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161825BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	6.2	ug/L	16				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	30	ug/L	75				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	27	ug/L	68				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	28	ug/L	70				0	0		
	Benzo(a)anthracene	40	29	ug/L	73				0	0		
	Chrysene	40	29	ug/L	73				0	0		
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	29	ug/L	73				0	0		
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS754

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071024

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020890.D

Lab Sample ID: PB161754BS

Instrument ID: BNA_P

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 21:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161754BS	PB161754BS	BP020890.D	07/10/2024

COMMENTS: _____



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK806

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP071024

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020892.D

Lab Sample ID: PB161806BL

Instrument ID: BNA_P

Date Extracted: 06/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 23:14

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK824

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071024

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020891.D

Lab Sample ID: PB161824BL

Instrument ID: BNA_P

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 22:31

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK825

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071024

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020888.D

Lab Sample ID: PB161825BL

Instrument ID: BNA_P

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 20:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161825BS	PB161825BS	BP020889.D	07/10/2024

COMMENTS: _____



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK835

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071024

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020887.D

Lab Sample ID: PB161835BL

Instrument ID: BNA_P

Date Extracted: 06/28/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 19:36

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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Surrogate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161754BS	PB161754BS	BP020890.D	1,4-Dioxane-d8	8	7.37	92		15	120
			Pyridine-d5	40	35.16	88		20	120
			Phenol-d5	40	38.01	95		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.58	94		10	150
			2-Chlorophenol-d4	40	37.90	95		15	120
			4-Methylphenol-d8	40	37.04	93		10	140
			Nitrobenzene-d5	40	38.52	96		10	135
			2-Nitrophenol-d4	40	38.83	97		10	120
			2,4-Dichlorophenol-d3	40	38.87	97		10	140
			4-Chloroaniline-d4	40	35.41	89		1	145
			Dimethylphthalate-d6	40	39.65	99		10	145
			Acenaphthylene-d8	40	38.48	96		15	120
			4-Nitrophenol-d4	40	45.33	113		10	150
			Fluorene-d10	40	38.94	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.03	100		10	130
			Anthracene-d10	40	36.81	92		10	150
			Pyrene-d10	40	35.77	89		10	130
			Benzo(a)pyrene-d12	40	40.18	100		10	140

Surrogate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161806BL	PB161806BL	BP020892.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	21.36	53		20	120
			Phenol-d5	40	20.57	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.76	54		10	150
			2-Chlorophenol-d4	40	21.02	53		15	120
			4-Methylphenol-d8	40	20.53	51		10	140
			Nitrobenzene-d5	40	21.59	54		10	135
			2-Nitrophenol-d4	40	21.67	54		10	120
			2,4-Dichlorophenol-d3	40	20.13	50		10	140
			4-Chloroaniline-d4	40	21.61	54		1	145
			Dimethylphthalate-d6	40	23.21	58		10	145
			Acenaphthylene-d8	40	21.86	55		15	120
			4-Nitrophenol-d4	40	20.59	51		10	150
			Fluorene-d10	40	22.88	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.15	48		10	130
			Anthracene-d10	40	22.67	57		10	150
			Pyrene-d10	40	21.52	54		10	130
			Benzo(a)pyrene-d12	40	23.54	59		10	140

Surrogate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3108-04DL	C0SW0DL	BP020893.D	1,4-Dioxane-d8	8	6.20	77		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.46	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	53.04	133	*	25	120
			2-Chlorophenol-d4	40	49.62	124		20	130
			4-Methylphenol-d8	40	31.97	80		25	125
			Nitrobenzene-d5	40	51.53	129	*	20	125
			2-Nitrophenol-d4	40	54.33	136	*	20	130
			2,4-Dichlorophenol-d3	40	48.49	121	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	57.95	145	*	25	130
			Acenaphthylene-d8	40	42.64	107		10	130
			4-Nitrophenol-d4	40	19.30	48		10	150
			Fluorene-d10	40	59.02	148	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.20	103		10	130
			Anthracene-d10	40	52.27	131	*	25	130
			Pyrene-d10	40	56.78	142	*	15	130
			Benzo(a)pyrene-d12	40	47.03	118		20	130
PB161824BL	PB161824BL	BP020891.D	Pyridine-d5	40	26.16	65		20	120
			1,4-Dioxane-d8	8	5.89	74		15	120
			Phenol-d5	40	27.39	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.80	72		25	120
			2-Chlorophenol-d4	40	28.23	71		20	130
			4-Methylphenol-d8	40	27.13	68		25	125
			Nitrobenzene-d5	40	29.53	74		20	125
			2-Nitrophenol-d4	40	29.96	75		20	130
			2,4-Dichlorophenol-d3	40	26.91	67		20	120
			4-Chloroaniline-d4	40	23.51	59		1	146
			Dimethylphthalate-d6	40	30.63	77		25	130
			Acenaphthylene-d8	40	29.51	74		10	130
			4-Nitrophenol-d4	40	26.55	66		10	150
			Fluorene-d10	40	31.05	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.90	65		10	130
			Anthracene-d10	40	30.23	76		25	130
			Pyrene-d10	40	28.74	72		15	130
			Benzo(a)pyrene-d12	40	30.41	76		20	130

Surrogate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161825BL	PB161825BL	BP020888.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Pyridine-d5	40	25.66	64		20	120
			Phenol-d5	40	27.30	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.10	73		25	120
			2-Chlorophenol-d4	40	27.66	69		20	130
			4-Methylphenol-d8	40	27.66	69		25	125
			Nitrobenzene-d5	40	28.88	72		20	125
			2-Nitrophenol-d4	40	29.73	74		20	130
			2,4-Dichlorophenol-d3	40	26.38	66		20	120
			4-Chloroaniline-d4	40	24.23	61		1	146
			Dimethylphthalate-d6	40	30.11	75		25	130
			Acenaphthylene-d8	40	28.62	72		10	130
			4-Nitrophenol-d4	40	28.25	71		10	150
			Fluorene-d10	40	30.30	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.07	68		10	130
			Anthracene-d10	40	29.91	75		25	130
			Pyrene-d10	40	32.18	80		15	130
			Benzo(a)pyrene-d12	40	30.41	76		20	130
PB161825BS	PB161825BS	BP020889.D	1,4-Dioxane-d8	8	6.20	77		15	120
			Pyridine-d5	40	23.57	59		20	120
			Phenol-d5	40	27.70	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.23	71		25	120
			2-Chlorophenol-d4	40	27.55	69		20	130
			4-Methylphenol-d8	40	27.00	67		25	125
			Nitrobenzene-d5	40	29.39	73		20	125
			2-Nitrophenol-d4	40	30.06	75		20	130
			2,4-Dichlorophenol-d3	40	29.35	73		20	120
			4-Chloroaniline-d4	40	23.88	60		1	146
			Dimethylphthalate-d6	40	28.58	71		25	130
			Acenaphthylene-d8	40	28.51	71		10	130
			4-Nitrophenol-d4	40	31.34	78		10	150
			Fluorene-d10	40	28.79	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.58	76		10	130
			Anthracene-d10	40	28.59	71		25	130
			Pyrene-d10	40	27.58	69		15	130
			Benzo(a)pyrene-d12	40	29.15	73		20	130



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Surrogate Summary

SW-846

SDG No.: BP071024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161835BL	PB161835BL	BP020887.D	Pyridine-d5	40	26.77	67		20	120
			1,4-Dioxane-d8	8	5.87	73		15	120
			Phenol-d5	40	29.19	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.84	77		25	120
			2-Chlorophenol-d4	40	29.39	73		20	130
			4-Methylphenol-d8	40	29.21	73		25	125
			Nitrobenzene-d5	40	29.64	74		20	125
			2-Nitrophenol-d4	40	30.54	76		20	130
			2,4-Dichlorophenol-d3	40	28.58	71		20	120
			4-Chloroaniline-d4	40	26.61	67		1	146
			Dimethylphthalate-d6	40	32.24	81		25	130
			Acenaphthylene-d8	40	29.66	74		10	130
			4-Nitrophenol-d4	40	29.63	74		10	150
			Fluorene-d10	40	31.48	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.23	73		10	130
			Anthracene-d10	40	30.52	76		25	130
			Pyrene-d10	40	32.61	82		15	130
			Benzo(a)pyrene-d12	40	31.33	78		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071024

Lab Code: CHEM

SAS No.: BP071024 SDG NO.: BP071024

Lab File ID: BP020879.D

DFTPP Injection Date: 07/10/2024

Instrument ID: BNA_P

DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	32.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	42.1
197	Less than 2.0% of mass 198	0.0
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	28.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.7 (19.6) 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
SSTD005644	SSTD00519	BP020880.D	07/10/2024	14:29
SSTD010645	SSTD01020	BP020881.D	07/10/2024	15:13
SSTD020646	SSTD02021	BP020882.D	07/10/2024	15:57
SSTD040647	SSTD04022	BP020883.D	07/10/2024	16:40
SSTD080648	SSTD08023	BP020884.D	07/10/2024	17:24
SSTD160649	SSTD16024	BP020885.D	07/10/2024	18:08
SICV601	SSTDICV020	BP020886.D	07/10/2024	18:52
SBLK835	PB161835BL	BP020887.D	07/10/2024	19:36
SBLK825	PB161825BL	BP020888.D	07/10/2024	20:20
SLCS825	PB161825BS	BP020889.D	07/10/2024	21:04
SLCS754	PB161754BS	BP020890.D	07/10/2024	21:47
SBLK824	PB161824BL	BP020891.D	07/10/2024	22:31
SBLK806	PB161806BL	BP020892.D	07/10/2024	23:14
C0SW0DL	P3108-04DL	BP020893.D	07/10/2024	23:58
SSTD020680	SSTDCCC020EC	BP020894.D	07/11/2024	00:42