

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG No.: BG031424

Instrument ID: BNA_G Calibration Date/Time: 3/14/2024 1:10:25

Lab File ID: BG060632.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.772	0.810		4.922	
Pyridine	1.574	1.641		4.257	
2-Fluorophenol	1.272	1.299		2.123	
Benzaldehyde	1.033	1.042		0.871	
Aniline	2.255	2.307		2.306	
Phenol-d6	1.846	1.897		2.763	
Phenol	1.852	1.891		2.106	20.0
bis(2-Chloroethyl)ether	1.476	1.478		0.136	
2-Chlorophenol	1.391	1.423		2.301	
1,2-Dichlorobenzene	1.510	1.496		-0.927	
1,3-Dichlorobenzene	1.500	1.518		1.2	
1,4-Dichlorobenzene	1.520	1.543		1.513	20.0
Benzyl Alcohol	1.459	1.465		0.411	
2-Methylphenol	1.422	1.427		0.352	
2,2-oxybis(1-Chloropropane)	2.866	2.809		-1.989	
Acetophenone	0.536	0.557		3.918	
3+4-Methylphenols	1.918	1.954		1.877	
n-Nitroso-di-n-propylamine	1.279	1.276	0.050	-0.235	
Nitrobenzene-d5	0.384	0.404		5.208	
Hexachloroethane	0.519	0.548		5.588	
Nitrobenzene	0.384	0.402		4.688	
Isophorone	0.769	0.794		3.251	
2-Nitrophenol	0.142	0.151		6.338	20.0
2,4-Dimethylphenol	0.340	0.337		-0.882	
bis(2-Chloroethoxy)methane	0.461	0.467		1.302	
2,4-Dichlorophenol	0.306	0.316		3.268	20.0
1,2,4-Trichlorobenzene	0.324	0.328		1.235	
Benzoic acid	0.199	0.215		8.04	
Naphthalene	1.117	1.130		1.164	
4-Chloroaniline	0.471	0.478		1.486	
Hexachlorobutadiene	0.221	0.223		0.905	20.0
Caprolactam	0.103	0.105		1.942	
4-Chloro-3-methylphenol	0.374	0.379		1.337	20.0
2-Methylnaphthalene	0.772	0.772		0.0	
Hexachlorocyclopentadiene	0.302	0.303	0.050	0.331	
2,4,6-Trichlorophenol	0.394	0.404		2.538	20.0
2-Fluorobiphenyl	1.479	1.464		-1.014	
2,4,5-Trichlorophenol	0.467	0.480		2.784	
1,1-Biphenyl	1.520	1.515		-0.329	
2-Chloronaphthalene	1.147	1.146		-0.087	
2-Nitroaniline	0.379	0.390		2.902	



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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.500	1.516		1.067	
Acenaphthylene	1.869	1.881		0.642	
2,6-Dinitrotoluene	0.276	0.290		5.072	
3-Nitroaniline	0.318	0.328		3.145	
Acenaphthene	1.117	1.103		-1.253	20.0
2,4-Dinitrophenol	0.118	0.114	0.050	-3.39	
4-Nitrophenol	0.237	0.244	0.050	2.954	
Dibenzofuran	1.808	1.785		-1.272	
2,4-Dinitrotoluene	0.348	0.370		6.322	
Diethylphthalate	1.543	1.539		-0.259	
4-Chlorophenyl-phenylether	0.733	0.721		-1.637	
Fluorene	1.447	1.454		0.484	
4-Nitroaniline	0.326	0.349		7.055	
4,6-Dinitro-2-methylphenol	0.083	0.082		-1.205	
n-Nitrosodiphenylamine	0.626	0.643		2.716	20.0
Azobenzene	1.597	1.588		-0.564	
2,4,6-Tribromophenol	0.232	0.242		4.31	
4-Bromophenyl-phenylether	0.216	0.222		2.778	
Hexachlorobenzene	0.248	0.253		2.016	
Atrazine	0.209	0.212		1.435	
Pentachlorophenol	0.161	0.170		5.59	20.0
Phenanthrene	1.077	1.089		1.114	
Anthracene	1.089	1.122		3.03	
Carbazole	0.947	0.977		3.168	
Di-n-butylphthalate	1.154	1.230		6.586	
Fluoranthene	1.192	1.249		4.782	20.0
Benzidine	0.489	0.541		10.634	
Pyrene	1.396	1.403		0.501	
Terphenyl-d14	1.106	1.099		-0.633	
Butylbenzylphthalate	0.528	0.566		7.197	
3,3-Dichlorobenzidine	0.464	0.485		4.526	
Benzo (a) anthracene	1.377	1.389		0.871	
Chrysene	1.337	1.353		1.197	
Bis (2-ethylhexyl) phthalate	0.779	0.835		7.189	
Di-n-octyl phthalate	1.283	1.389		8.262	20.0
Benzo (b) fluoranthene	1.100	1.121		1.909	
Benzo (k) fluoranthene	1.156	1.200		3.806	
Benzo (a) pyrene	1.079	1.112		3.058	20.0
Indeno (1,2,3-cd) pyrene	1.364	1.412		3.519	
Dibenzo (a,h) anthracene	1.158	1.195		3.195	
Benzo (g,h,i) perylene	1.121	1.146		2.23	



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Lab File ID: BG060632.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.614	0.617		0.489	
1,4-Dioxane	0.533	0.550		3.189	20.0
2,3,4,6-Tetrachlorophenol	0.389	0.397		2.057	
1-Methylnaphthalene	0.724	0.723		-0.138	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG No.: BG031424

Instrument ID: BNA_G Calibration Date/Time: 3/14/2024 1:22:39

Lab File ID: BG060649.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.772	0.770		-0.259	
Pyridine	1.574	1.570		-0.254	
2-Fluorophenol	1.272	1.260		-0.943	
Benzaldehyde	1.033	0.984		-4.743	
Aniline	2.255	2.185		-3.104	
Phenol-d6	1.846	1.824		-1.192	
Phenol	1.852	1.801		-2.754	20.0
bis(2-Chloroethyl)ether	1.476	1.411		-4.404	
2-Chlorophenol	1.391	1.366		-1.797	
1,2-Dichlorobenzene	1.510	1.423		-5.762	
1,3-Dichlorobenzene	1.500	1.408		-6.133	
1,4-Dichlorobenzene	1.520	1.462		-3.816	20.0
Benzyl Alcohol	1.459	1.392		-4.592	
2-Methylphenol	1.422	1.370		-3.657	
2,2-oxybis(1-Chloropropane)	2.866	2.624		-8.444	
Acetophenone	0.536	0.514		-4.104	
3+4-Methylphenols	1.918	1.833		-4.432	
n-Nitroso-di-n-propylamine	1.279	1.189	0.050	-7.037	
Nitrobenzene-d5	0.384	0.384		0.0	
Hexachloroethane	0.519	0.511		-1.541	
Nitrobenzene	0.384	0.383		-0.26	
Isophorone	0.769	0.730		-5.072	
2-Nitrophenol	0.142	0.153		7.746	20.0
2,4-Dimethylphenol	0.340	0.330		-2.941	
bis(2-Chloroethoxy)methane	0.461	0.438		-4.989	
2,4-Dichlorophenol	0.306	0.303		-0.98	20.0
1,2,4-Trichlorobenzene	0.324	0.308		-4.938	
Benzoic acid	0.199	0.209		5.025	
Naphthalene	1.117	1.055		-5.551	
4-Chloroaniline	0.471	0.458		-2.76	
Hexachlorobutadiene	0.221	0.206		-6.787	20.0
Caprolactam	0.103	0.103		0.0	
4-Chloro-3-methylphenol	0.374	0.365		-2.406	20.0
2-Methylnaphthalene	0.772	0.714		-7.513	
Hexachlorocyclopentadiene	0.302	0.293	0.050	-2.98	
2,4,6-Trichlorophenol	0.394	0.395		0.254	20.0
2-Fluorobiphenyl	1.479	1.421		-3.922	
2,4,5-Trichlorophenol	0.467	0.468		0.214	
1,1-Biphenyl	1.520	1.451		-4.539	
2-Chloronaphthalene	1.147	1.097		-4.359	
2-Nitroaniline	0.379	0.391		3.166	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.500	1.467		-2.2	
Acenaphthylene	1.869	1.818		-2.729	
2,6-Dinitrotoluene	0.276	0.297		7.609	
3-Nitroaniline	0.318	0.328		3.145	
Acenaphthene	1.117	1.092		-2.238	20.0
2,4-Dinitrophenol	0.118	0.121	0.050	2.542	
4-Nitrophenol	0.237	0.248	0.050	4.641	
Dibenzofuran	1.808	1.748		-3.319	
2,4-Dinitrotoluene	0.348	0.376		8.046	
Diethylphthalate	1.543	1.502		-2.657	
4-Chlorophenyl-phenylether	0.733	0.704		-3.956	
Fluorene	1.447	1.418		-2.004	
4-Nitroaniline	0.326	0.338		3.681	
4,6-Dinitro-2-methylphenol	0.083	0.086		3.614	
n-Nitrosodiphenylamine	0.626	0.594		-5.112	20.0
Azobenzene	1.597	1.548		-3.068	
2,4,6-Tribromophenol	0.232	0.231		-0.431	
4-Bromophenyl-phenylether	0.216	0.194		-10.185	
Hexachlorobenzene	0.248	0.232		-6.452	
Atrazine	0.209	0.206		-1.435	
Pentachlorophenol	0.161	0.164		1.863	20.0
Phenanthrene	1.077	1.029		-4.457	
Anthracene	1.089	1.062		-2.479	
Carbazole	0.947	0.926		-2.218	
Di-n-butylphthalate	1.154	1.160		0.52	
Fluoranthene	1.192	1.170		-1.846	20.0
Benzidine	0.489	0.555		13.497	
Pyrene	1.396	1.349		-3.367	
Terphenyl-d14	1.106	1.051		-4.973	
Butylbenzylphthalate	0.528	0.541		2.462	
3,3-Dichlorobenzidine	0.464	0.467		0.647	
Benzo (a) anthracene	1.377	1.316		-4.43	
Chrysene	1.337	1.286		-3.815	
Bis (2-ethylhexyl) phthalate	0.779	0.798		2.439	
Di-n-octyl phthalate	1.283	1.327		3.429	20.0
Benzo (b) fluoranthene	1.100	1.060		-3.636	
Benzo (k) fluoranthene	1.156	1.108		-4.152	
Benzo (a) pyrene	1.079	1.045		-3.151	20.0
Indeno (1,2,3-cd) pyrene	1.364	1.330		-2.493	
Dibenzo (a,h) anthracene	1.158	1.121		-3.195	
Benzo (g,h,i) perylene	1.121	1.082		-3.479	



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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.614	0.580		-5.537	
1,4-Dioxane	0.533	0.540		1.313	20.0
2,3,4,6-Tetrachlorophenol	0.389	0.392		0.771	
1-Methylnaphthalene	0.724	0.695		-4.006	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BL	SDG No.:	BG031424
Lab Sample ID:	PB159572BL	Matrix:	water
Analytical Method:	8270E	% 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
BG060633.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BL	SDG No.:	BG031424
Lab Sample ID:	PB159572BL	Matrix:	water
Analytical Method:	8270E	% 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
BG060633.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BL	SDG No.:	BG031424
Lab Sample ID:	PB159572BL	Matrix:	water
Analytical Method:	8270E	% 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
BG060633.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.617		10-139		90	SPK: -150
13127-88-3	Phenol-d6	129.668		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.456		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	85.496		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	122.687		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	85.119		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97933	8.323				
1146-65-2	Naphthalene-d8	436224	11.167				
15067-26-2	Acenaphthene-d10	297592	14.951				
1517-22-2	Phenanthrene-d10	697856	17.695				
1719-03-5	Chrysene-d12	626552	22.013				
1520-96-3	Perylene-d12	705350	25.562				



Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BL	SDG No.:	BG031424
Lab Sample ID:	PB159572BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060633.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

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

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BS	SDG No.:	BG031424
Lab Sample ID:	PB159572BS	Matrix:	water
Analytical Method:	8270E	% 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
BG060634.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.8		1	8	10	ug/L
110-86-1	Pyridine	28.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	23.8		1.6	4	5	ug/L
108-95-2	Phenol	49.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.7		1.4	4	5	ug/L
98-86-2	Acetophenone	45.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.5		1	4	5	ug/L
98-95-3	Nitrobenzene	44.1		1.3	4	5	ug/L
78-59-1	Isophorone	44.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	43.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	40.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.8		5.5	8	10	ug/L
91-20-3	Naphthalene	43.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	11.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.1		1.3	4	5	ug/L
105-60-2	Caprolactam	47.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.5		1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BS	SDG No.:	BG031424
Lab Sample ID:	PB159572BS	Matrix:	water
Analytical Method:	8270E	% 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
BG060634.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	98.6	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	23.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.2		0.81	4	5	ug/L
Total PAH	Total PAH	731.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	99.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	49.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.9		0.98	4	5	ug/L
86-73-7	Fluorene	45.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.5		0.89	4	5	ug/L
103-33-3	Azobenzene	44.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.6		1.1	4	5	ug/L
1912-24-9	Atrazine	46.5		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	88.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.7		0.89	4	5	ug/L
120-12-7	Anthracene	43.5		1.1	4	5	ug/L
86-74-8	Carbazole	44.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BS	SDG No.:	BG031424
Lab Sample ID:	PB159572BS	Matrix:	water
Analytical Method:	8270E	% 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
BG060634.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	19.8		4.1	8	10	ug/L
129-00-0	Pyrene	44.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	47.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.94	4	5	ug/L
218-01-9	Chrysene	43.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	34.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.721		10-139		96	SPK: -150
13127-88-3	Phenol-d6	137.23		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	86.707		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.83		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	137.397		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	85.948		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99942	8.324				
1146-65-2	Naphthalene-d8	464234	11.168				
15067-26-2	Acenaphthene-d10	299646	14.952				
1517-22-2	Phenanthrene-d10	651721	17.696				
1719-03-5	Chrysene-d12	565779	22.014				
1520-96-3	Perylene-d12	615395	25.569				



Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159572BS	SDG No.:	BG031424
Lab Sample ID:	PB159572BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060634.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

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

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159530TB	SDG No.:	BG031424
Lab Sample ID:	PB159530TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060635.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159530TB	SDG No.:	BG031424
Lab Sample ID:	PB159530TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060635.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159530TB	SDG No.:	BG031424
Lab Sample ID:	PB159530TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060635.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	143.697		10-139		96	SPK: -150
13127-88-3	Phenol-d6	138.885		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	87.758		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	83.21		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	131.781		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	85.337		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92511	8.325				
1146-65-2	Naphthalene-d8	421195	11.169				
15067-26-2	Acenaphthene-d10	296205	14.947				
1517-22-2	Phenanthrene-d10	661407	17.697				
1719-03-5	Chrysene-d12	577301	22.015				
1520-96-3	Perylene-d12	650037	25.57				



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

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159530TB	SDG No.:	BG031424
Lab Sample ID:	PB159530TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060635.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	PB159549BL	SDG No.:	BG031424
Lab Sample ID:	PB159549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060636.D	1	3/12/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	PB159549BL	SDG No.:	BG031424
Lab Sample ID:	PB159549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060636.D	1	3/12/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	PB159549BL	SDG No.:	BG031424
Lab Sample ID:	PB159549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060636.D	1	3/12/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.268		18-112		88	SPK: -150
13127-88-3	Phenol-d6	124.49		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	79.322		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	76.654		20-109		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.562		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	81.213		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94466	8.323				
1146-65-2	Naphthalene-d8	424643	11.166				
15067-26-2	Acenaphthene-d10	298877	14.944				
1517-22-2	Phenanthrene-d10	665907	17.694				
1719-03-5	Chrysene-d12	574526	22.013				
1520-96-3	Perylene-d12	649995	25.567				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	PB159549BL	SDG No.:	BG031424
Lab Sample ID:	PB159549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060636.D	1	3/12/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159549

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

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BG031424		
Lab Sample ID:	IDOC-01			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060637.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41000		1000	8000	10000	ug/L
110-86-1	Pyridine	31000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	21100		4000	8000	10000	ug/L
62-53-3	Aniline	28400		1600	4000	5000	ug/L
108-95-2	Phenol	50400		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	44100		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	49900		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	45200		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	44800		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	46700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	45300		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	45800		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45300		1400	4000	5000	ug/L
98-86-2	Acetophenone	44000		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	45600		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43700		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	46600		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	44600		1300	4000	5000	ug/L
78-59-1	Isophorone	44000		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	45500		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	37800		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43900		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	47900		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	45000		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44600		5500	8000	10000	ug/L
91-20-3	Naphthalene	44100		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	14300		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	44100		1300	4000	5000	ug/L
105-60-2	Caprolactam	46800		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	47300		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	42700		1100	4000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	IDOC-01	SDG No.:	BG031424
Lab Sample ID:	IDOC-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060637.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	100600	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	47500		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	43400		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	44500		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	45200		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	47400		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	44300		930	4000	5000	ug/L
208-96-8	Acenaphthylene	47100		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	47900		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	24400		1400	4000	5000	ug/L
83-32-9	Acenaphthene	42900		810	4000	5000	ug/L
Total PAH	Total PAH	747400		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	87400	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	97700	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	43900		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97300		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	49400		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	44200		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42600		980	4000	5000	ug/L
86-73-7	Fluorene	44100		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	45500		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46800		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	45700		890	4000	5000	ug/L
103-33-3	Azobenzene	44500		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	45100		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	48400		1100	4000	5000	ug/L
1912-24-9	Atrazine	49000		1300	4000	5000	ug/L
87-86-5	Pentachlorophenol	92100	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	45400		890	4000	5000	ug/L
120-12-7	Anthracene	46200		1100	4000	5000	ug/L
86-74-8	Carbazole	47100		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	47300		1500	4000	5000	ug/L
206-44-0	Fluoranthene	46100		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BG031424		
Lab Sample ID:	IDOC-01			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060637.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	40000		4100	8000	10000	ug/L
129-00-0	Pyrene	46300		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	49100		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	26900		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	47200		940	4000	5000	ug/L
218-01-9	Chrysene	46300		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48000		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	49900		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	49000		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	49300		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	47600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50400		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	48700		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	46700		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44000		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	35200		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46200		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	43400		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144708	*	10-139		96472	SPK: -150
13127-88-3	Phenol-d6	139540	*	10-134		93027	SPK: -150
4165-60-0	Nitrobenzene-d5	86407	*	49-133		86407	SPK: -100
321-60-8	2-Fluorobiphenyl	84123	*	52-132		84123	SPK: -100
118-79-6	2,4,6-Tribromophenol	138851	*	32-145		92567	SPK: -150
1718-51-0	Terphenyl-d14	87774	*	36-145		87774	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96959	8.323				
1146-65-2	Naphthalene-d8	448592	11.167				
15067-26-2	Acenaphthene-d10	299449	14.95				
1517-22-2	Phenanthrene-d10	611826	17.694				
1719-03-5	Chrysene-d12	538199	22.019				
1520-96-3	Perylene-d12	612517	25.567				



Report of Analysis

Client:

Project:

Client Sample ID: IDOC-01

Lab Sample ID: IDOC-01

Analytical Method: 8270E

Sample Wt/Vol: 1000 Units: mL

Soil Aliquot Vol: uL

Extraction Type : Decanted :

Injection Volume : GPC Factor :

Date Collected:

Date Received:

SDG No.: BG031424

Matrix: Water

% Moisture: 100

Final Vol: 1000000 uL

Test:

Level : LOW

GPC Cleanup : PH :

File ID/Qc Batch: BG060637.D

Dilution: 1

Prep Date

Date Analyzed 3/14/2024 12:00:00 AM

Prep Batch ID

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

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BG031424		
Lab Sample ID:	IDOC-02			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060638.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39300		1000	8000	10000	ug/L
110-86-1	Pyridine	29000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	19800		4000	8000	10000	ug/L
62-53-3	Aniline	26600		1600	4000	5000	ug/L
108-95-2	Phenol	47600		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	41200		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	47500		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	43100		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	43300		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	44000		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	44000		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	43600		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44100		1400	4000	5000	ug/L
98-86-2	Acetophenone	42100		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	43800		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42200		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	45000		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	42600		1300	4000	5000	ug/L
78-59-1	Isophorone	41200		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	43000		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	35200		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41700		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	46000		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	42100		1100	4000	5000	ug/L
65-85-0	Benzoic acid	44100		5500	8000	10000	ug/L
91-20-3	Naphthalene	41600		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	13400		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	41700		1300	4000	5000	ug/L
105-60-2	Caprolactam	45200		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	45400		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	40900		1100	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BG031424		
Lab Sample ID:	IDOC-02			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060638.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	99400	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	45800		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	42300		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	42800		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	44000		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	46200		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	43000		930	4000	5000	ug/L
208-96-8	Acenaphthylene	45100		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	47100		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	23600		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41900		810	4000	5000	ug/L
Total PAH	Total PAH	703800		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	87000	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	95800	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	42200		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96000		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	48900		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	42900		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41900		980	4000	5000	ug/L
86-73-7	Fluorene	42700		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	43600		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44900		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	43000		890	4000	5000	ug/L
103-33-3	Azobenzene	42700		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	43400		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	45800		1100	4000	5000	ug/L
1912-24-9	Atrazine	45300		1300	4000	5000	ug/L
87-86-5	Pentachlorophenol	87000	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	42400		890	4000	5000	ug/L
120-12-7	Anthracene	42800		1100	4000	5000	ug/L
86-74-8	Carbazole	43200		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	44100		1500	4000	5000	ug/L
206-44-0	Fluoranthene	42700		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BG031424		
Lab Sample ID:	IDOC-02			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :			Decanted :	Level :	LOW		
Injection Volume :			GPC Factor :	GPC Cleanup :			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060638.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	38200		4100	8000	10000	ug/L
129-00-0	Pyrene	44000		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	46200		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	25300		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	43900		940	4000	5000	ug/L
218-01-9	Chrysene	43700		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45400		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	47000		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	46200		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	45300		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	44900		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46800		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	46000		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	43800		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43700		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	32900		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45700		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	40800		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136728	*	10-139		91152	SPK: -150
13127-88-3	Phenol-d6	131306	*	10-134		87537	SPK: -150
4165-60-0	Nitrobenzene-d5	83319	*	49-133		83319	SPK: -100
321-60-8	2-Fluorobiphenyl	81357	*	52-132		81357	SPK: -100
118-79-6	2,4,6-Tribromophenol	134934	*	32-145		89956	SPK: -150
1718-51-0	Terphenyl-d14	82500	*	36-145		82500	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104009	8.324				
1146-65-2	Naphthalene-d8	484177	11.168				
15067-26-2	Acenaphthene-d10	317844	14.952				
1517-22-2	Phenanthrene-d10	666551	17.696				
1719-03-5	Chrysene-d12	580626	22.014				
1520-96-3	Perylene-d12	659535	25.569				



Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	IDOC-02			SDG No.:	BG031424
Lab Sample ID:	IDOC-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060638.D	1		3/14/2024 12:00:00 AM	

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

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG031424		
Lab Sample ID:	IDOC-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060639.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39800		1000	8000	10000	ug/L
110-86-1	Pyridine	29000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	20200		4000	8000	10000	ug/L
62-53-3	Aniline	27500		1600	4000	5000	ug/L
108-95-2	Phenol	48100		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	41600		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	46500		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	44000		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	43200		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	43700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	44500		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	43800		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44000		1400	4000	5000	ug/L
98-86-2	Acetophenone	42800		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	43800		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41100		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	43800		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	43000		1300	4000	5000	ug/L
78-59-1	Isophorone	41700		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	44600		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	35500		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42000		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	46600		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	43400		1100	4000	5000	ug/L
65-85-0	Benzoic acid	45200		5500	8000	10000	ug/L
91-20-3	Naphthalene	42200		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	14600		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	42900		1300	4000	5000	ug/L
105-60-2	Caprolactam	46500		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	46100		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	41600		1100	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG031424		
Lab Sample ID:	IDOC-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060639.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	98900	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	46300		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	43100		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	43000		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	43700		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	46900		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	43200		930	4000	5000	ug/L
208-96-8	Acenaphthylene	45200		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	47000		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	25200		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41900		810	4000	5000	ug/L
Total PAH	Total PAH	710700		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	89700	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	96500	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	42400		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	50400		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97400		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	43300		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42600		980	4000	5000	ug/L
86-73-7	Fluorene	43100		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	44400		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46600		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	42900		890	4000	5000	ug/L
103-33-3	Azobenzene	43500		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	43100		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	46100		1100	4000	5000	ug/L
1912-24-9	Atrazine	46900		1300	4000	5000	ug/L
87-86-5	Pentachlorophenol	88700	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	43400		890	4000	5000	ug/L
120-12-7	Anthracene	43700		1100	4000	5000	ug/L
86-74-8	Carbazole	45000		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	45200		1500	4000	5000	ug/L
206-44-0	Fluoranthene	44200		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG031424		
Lab Sample ID:	IDOC-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :			Decanted :	Level :	LOW		
Injection Volume :			GPC Factor :	GPC Cleanup :			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060639.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	38100		4100	8000	10000	ug/L
129-00-0	Pyrene	43300		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	46400		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	25700		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	44400		940	4000	5000	ug/L
218-01-9	Chrysene	44000		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45300		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	47000		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	46500		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	46200		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	45000		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47300		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	46100		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	44200		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43000		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	32100		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46500		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	41500		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135915	*	10-139		90610	SPK: -150
13127-88-3	Phenol-d6	131596	*	10-134		87731	SPK: -150
4165-60-0	Nitrobenzene-d5	84256	*	49-133		84256	SPK: -100
321-60-8	2-Fluorobiphenyl	80865	*	52-132		80865	SPK: -100
118-79-6	2,4,6-Tribromophenol	137154	*	32-145		91436	SPK: -150
1718-51-0	Terphenyl-d14	83089	*	36-145		83089	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96845	8.323				
1146-65-2	Naphthalene-d8	445338	11.167				
15067-26-2	Acenaphthene-d10	299621	14.95				
1517-22-2	Phenanthrene-d10	631638	17.694				
1719-03-5	Chrysene-d12	571109	22.019				
1520-96-3	Perylene-d12	646715	25.567				



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

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	IDOC-03	SDG No.:	BG031424
Lab Sample ID:	IDOC-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	
		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060639.D	1		3/14/2024 12:00:00 AM	

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

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04			SDG No.:	BG031424		
Lab Sample ID:	IDOC-04			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060640.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43400		1000	8000	10000	ug/L
110-86-1	Pyridine	31400		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	21400		4000	8000	10000	ug/L
62-53-3	Aniline	29500		1600	4000	5000	ug/L
108-95-2	Phenol	52200		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	44500		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	51200		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	47100		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	46700		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	47500		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	48600		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	46600		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47200		1400	4000	5000	ug/L
98-86-2	Acetophenone	44700		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	47400		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44400		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	48200		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	45300		1300	4000	5000	ug/L
78-59-1	Isophorone	43500		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	47000		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	37600		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44100		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	48500		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	44600		1100	4000	5000	ug/L
65-85-0	Benzoic acid	46300		5500	8000	10000	ug/L
91-20-3	Naphthalene	44200		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	13900		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	45000		1300	4000	5000	ug/L
105-60-2	Caprolactam	49400		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	48200		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	43900		1100	4000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	IDOC-04	SDG No.:	BG031424
Lab Sample ID:	IDOC-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060640.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	103700	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	48400		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	45200		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	44900		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	46100		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	49000		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	45000		930	4000	5000	ug/L
208-96-8	Acenaphthylene	47100		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	48400		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	25900		1400	4000	5000	ug/L
83-32-9	Acenaphthene	43800		810	4000	5000	ug/L
Total PAH	Total PAH	742000		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	94800	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	101100	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	44100		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	010000		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	52600		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	44900		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44100		980	4000	5000	ug/L
86-73-7	Fluorene	44600		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	46100		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49300		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	45100		890	4000	5000	ug/L
103-33-3	Azobenzene	45500		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	46100		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	47600		1100	4000	5000	ug/L
1912-24-9	Atrazine	48500		1300	4000	5000	ug/L
87-86-5	Pentachlorophenol	93300	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	44600		890	4000	5000	ug/L
120-12-7	Anthracene	45100		1100	4000	5000	ug/L
86-74-8	Carbazole	46100		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	46800		1500	4000	5000	ug/L
206-44-0	Fluoranthene	45100		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04			SDG No.:	BG031424		
Lab Sample ID:	IDOC-04			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060640.D	1		3/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	39300		4100	8000	10000	ug/L
129-00-0	Pyrene	45700		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	49200		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	26900		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	46600		940	4000	5000	ug/L
218-01-9	Chrysene	46600		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47800		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	50200		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	49100		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	47500		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	47300		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50100		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	48000		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	46600		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44800		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	34300		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48400		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	43300		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147837	*	10-139		98558	SPK: -150
13127-88-3	Phenol-d6	141447	*	10-134		94298	SPK: -150
4165-60-0	Nitrobenzene-d5	88579	*	49-133		88579	SPK: -100
321-60-8	2-Fluorobiphenyl	83972	*	52-132		83972	SPK: -100
118-79-6	2,4,6-Tribromophenol	142203	*	32-145		94802	SPK: -150
1718-51-0	Terphenyl-d14	85864	*	36-145		85864	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98334	8.324				
1146-65-2	Naphthalene-d8	468241	11.168				
15067-26-2	Acenaphthene-d10	313211	14.946				
1517-22-2	Phenanthrene-d10	657769	17.695				
1719-03-5	Chrysene-d12	577264	22.02				
1520-96-3	Perylene-d12	659279	25.569				



Report of Analysis

Client:

Project:

Client Sample ID: IDOC-04

Lab Sample ID: IDOC-04

Analytical Method: 8270E

Sample Wt/Vol: 1000 Units: mL

Soil Aliquot Vol: uL

Extraction Type :

Injection Volume :

Date Collected:

Date Received:

SDG No.: BG031424

Matrix: Water

% Moisture: 100

Final Vol: 1000000 uL

Test:

Level : LOW

Decanted :

GPC Factor :

GPC Cleanup :

PH :

File ID/Qc Batch: BG060640.D

Dilution: 1

Prep Date

Date Analyzed 3/14/2024 12:00:00 AM

Prep Batch ID

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BG031424
Lab Sample ID:	P1733-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060641.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BG031424
Lab Sample ID:	P1733-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060641.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BG031424
Lab Sample ID:	P1733-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060641.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.277		10-139		64	SPK: -150
13127-88-3	Phenol-d6	86.709		10-134		58	SPK: -150
4165-60-0	Nitrobenzene-d5	69.935		49-133		70	SPK: -100
321-60-8	2-Fluorobiphenyl	64.466		52-132		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	110.807		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	80.737		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92271	8.32				
1146-65-2	Naphthalene-d8	416736	11.17				
15067-26-2	Acenaphthene-d10	291438	14.948				
1517-22-2	Phenanthrene-d10	647938	17.697				
1719-03-5	Chrysene-d12	561384	22.01				
1520-96-3	Perylene-d12	635565	25.565				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BG031424
Lab Sample ID:	P1733-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060641.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BG031424
Lab Sample ID:	P1733-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060642.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BG031424
Lab Sample ID:	P1733-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060642.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BG031424
Lab Sample ID:	P1733-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060642.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	104.647		10-139		70	SPK: -150
13127-88-3	Phenol-d6	93.785		10-134		63	SPK: -150
4165-60-0	Nitrobenzene-d5	73.353		49-133		73	SPK: -100
321-60-8	2-Fluorobiphenyl	68.957		52-132		69	SPK: -100
118-79-6	2,4,6-Tribromophenol	121.325		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	90.682		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90368	8.323				
1146-65-2	Naphthalene-d8	400704	11.167				
15067-26-2	Acenaphthene-d10	279009	14.945				
1517-22-2	Phenanthrene-d10	606195	17.695				
1719-03-5	Chrysene-d12	542445	22.007				
1520-96-3	Perylene-d12	607364	25.562				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BG031424
Lab Sample ID:	P1733-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060642.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BG031424
Lab Sample ID:	P1747-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060643.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BG031424
Lab Sample ID:	P1747-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060643.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BG031424
Lab Sample ID:	P1747-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060643.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.664		10-139		42	SPK: -150
13127-88-3	Phenol-d6	38.145		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	93.477		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	90.553		52-132		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	148.607		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	92.349		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87894	8.322				
1146-65-2	Naphthalene-d8	407330	11.166				
15067-26-2	Acenaphthene-d10	278240	14.95				
1517-22-2	Phenanthrene-d10	593395	17.693				
1719-03-5	Chrysene-d12	503937	22.012				
1520-96-3	Perylene-d12	579316	25.567				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BG031424
Lab Sample ID:	P1747-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060643.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
1000305-58-3	3,5-Dichloro-6-cyanopyridin-2-yl d	4.9	J			12.411	
031468-12-9	N-Cyclohexyl-N-methylurea, N-met	3.5	J			15.126	
000134-62-3	Diethyltoluamide	9	J			15.655	
000615-22-5	2-(Methylmercapto)benzothiazole	13.9	J			16.154	
	unknown17.582	2.8	J			17.852	
000057-10-3	n-Hexadecanoic acid	2.2	J			18.51	
002004-39-9	1-Heptacosanol	2.5	J			23.07	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01-DUP	SDG No.:	BG031424
Lab Sample ID:	P1747-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060644.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01-DUP	SDG No.:	BG031424
Lab Sample ID:	P1747-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060644.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01-DUP	SDG No.:	BG031424
Lab Sample ID:	P1747-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060644.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.525		10-139		40	SPK: -150
13127-88-3	Phenol-d6	35.665		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	92.737		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	90.147		52-132		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	137.398		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	86.054		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95427	8.323				
1146-65-2	Naphthalene-d8	445954	11.167				
15067-26-2	Acenaphthene-d10	304535	14.945				
1517-22-2	Phenanthrene-d10	669477	17.695				
1719-03-5	Chrysene-d12	584480	22.007				
1520-96-3	Perylene-d12	662527	25.562				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-01-DUP	SDG No.:	BG031424
Lab Sample ID:	P1747-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060644.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown12.413	5.1	J			12.413	
031468-12-9	N-Cyclohexyl-N-methylurea, N-met	3.4	J			15.127	
1000421-46-2	Benzamide, 3-methyl-N-methyl-N-pro	9.3	J			15.656	
000615-22-5	2-(Methylmercapto)benzothiazole	14.4	J			16.155	
	unknown17.853	3	J			17.853	
000057-10-3	n-Hexadecanoic acid	2.2	J			18.511	
1000406-04-8	Pentadecafluorooctanoic acid, octa	2.1	J			23.071	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-02	SDG No.:	BG031424
Lab Sample ID:	P1747-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060645.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-02	SDG No.:	BG031424
Lab Sample ID:	P1747-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060645.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-02	SDG No.:	BG031424
Lab Sample ID:	P1747-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060645.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.166		10-139		33	SPK: -150
13127-88-3	Phenol-d6	28.351		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	90.124		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	85.189		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	103.148		32-145		69	SPK: -150
1718-51-0	Terphenyl-d14	90.272		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92610	8.322				
1146-65-2	Naphthalene-d8	433473	11.166				
15067-26-2	Acenaphthene-d10	306273	14.944				
1517-22-2	Phenanthrene-d10	646742	17.694				
1719-03-5	Chrysene-d12	546831	22.012				
1520-96-3	Perylene-d12	624053	25.561				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-02	SDG No.:	BG031424
Lab Sample ID:	P1747-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060645.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.5	J			18.516	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-04	SDG No.:	BG031424
Lab Sample ID:	P1747-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060646.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-04	SDG No.:	BG031424
Lab Sample ID:	P1747-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060646.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-04	SDG No.:	BG031424
Lab Sample ID:	P1747-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060646.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.726		10-139		40	SPK: -150
13127-88-3	Phenol-d6	35.417		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	94.485		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	89.702		52-132		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.822		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	88.331		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92415	8.325				
1146-65-2	Naphthalene-d8	426428	11.169				
15067-26-2	Acenaphthene-d10	303077	14.947				
1517-22-2	Phenanthrene-d10	645630	17.69				
1719-03-5	Chrysene-d12	577543	22.009				
1520-96-3	Perylene-d12	656048	25.564				

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-04	SDG No.:	BG031424
Lab Sample ID:	P1747-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060646.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown16.374	2.2	J			16.374	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BG031424
Lab Sample ID:	P1749-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060647.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BG031424
Lab Sample ID:	P1749-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060647.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BG031424
Lab Sample ID:	P1749-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060647.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.343		10-139		36	SPK: -150
13127-88-3	Phenol-d6	31.127		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	89.498		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	86.724		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.242		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	85.562		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104717	8.323				
1146-65-2	Naphthalene-d8	498095	11.167				
15067-26-2	Acenaphthene-d10	328972	14.945				
1517-22-2	Phenanthrene-d10	690454	17.694				
1719-03-5	Chrysene-d12	594300	22.013				
1520-96-3	Perylene-d12	674826	25.562				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BG031424
Lab Sample ID:	P1749-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060647.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BL	SDG No.:	BG031424
Lab Sample ID:	PB159586BL	Matrix:	Water
Analytical Method:	8270E	% 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
BG060650.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BL	SDG No.:	BG031424
Lab Sample ID:	PB159586BL	Matrix:	Water
Analytical Method:	8270E	% 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
BG060650.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BL	SDG No.:	BG031424
Lab Sample ID:	PB159586BL	Matrix:	Water
Analytical Method:	8270E	% 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
BG060650.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	146.51		10-139		98	SPK: -150
13127-88-3	Phenol-d6	137.519		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	86.796		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	84.881		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	135.204		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	86.722		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87880	8.319				
1146-65-2	Naphthalene-d8	398324	11.169				
15067-26-2	Acenaphthene-d10	273634	14.947				
1517-22-2	Phenanthrene-d10	611698	17.697				
1719-03-5	Chrysene-d12	536075	22.009				
1520-96-3	Perylene-d12	604634	25.564				



Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BL	SDG No.:	BG031424
Lab Sample ID:	PB159586BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060650.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BS	SDG No.:	BG031424
Lab Sample ID:	PB159586BS	Matrix:	Water
Analytical Method:	8270E	% 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
BG060651.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42		1	8	10	ug/L
110-86-1	Pyridine	29.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	47.7		4	8	10	ug/L
62-53-3	Aniline	24.8		1.6	4	5	ug/L
108-95-2	Phenol	50.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44		1.4	4	5	ug/L
98-86-2	Acetophenone	43.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46		1	4	5	ug/L
98-95-3	Nitrobenzene	44.6		1.3	4	5	ug/L
78-59-1	Isophorone	44.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	39.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	46.3		5.5	8	10	ug/L
91-20-3	Naphthalene	43.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	14.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.3		1.3	4	5	ug/L
105-60-2	Caprolactam	46.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.7		1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BS	SDG No.:	BG031424
Lab Sample ID:	PB159586BS	Matrix:	Water
Analytical Method:	8270E	% 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
BG060651.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.7		1.4	4	5	ug/L
Total PAH	Total PAH	742		17.36	4	80	ug/L
83-32-9	Acenaphthene	44.6		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	98.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	53.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.3		0.98	4	5	ug/L
86-73-7	Fluorene	45.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.9		0.89	4	5	ug/L
103-33-3	Azobenzene	45		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.8		1.1	4	5	ug/L
1912-24-9	Atrazine	40.6		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	91.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.6		0.89	4	5	ug/L
120-12-7	Anthracene	43.9		1.1	4	5	ug/L
86-74-8	Carbazole	45.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BS	SDG No.:	BG031424
Lab Sample ID:	PB159586BS	Matrix:	Water
Analytical Method:	8270E	% 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
BG060651.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	28.7		4.1	8	10	ug/L
129-00-0	Pyrene	44.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.4		0.94	4	5	ug/L
218-01-9	Chrysene	43.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	47.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.013		10-139		99	SPK: -150
13127-88-3	Phenol-d6	139.044		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	85.349		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.925		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	141.157		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	82.555		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109222	8.327				
1146-65-2	Naphthalene-d8	513453	11.171				
15067-26-2	Acenaphthene-d10	325000	14.948				
1517-22-2	Phenanthrene-d10	699724	17.698				
1719-03-5	Chrysene-d12	611265	22.017				
1520-96-3	Perylene-d12	651311	25.571				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BS	SDG No.:	BG031424
Lab Sample ID:	PB159586BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060651.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BSD	SDG No.:	BG031424
Lab Sample ID:	PB159586BSD	Matrix:	Water
Analytical Method:	8270E	% 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
BG060652.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42		1	8	10	ug/L
110-86-1	Pyridine	29.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	47.5		4	8	10	ug/L
62-53-3	Aniline	23.9		1.6	4	5	ug/L
108-95-2	Phenol	49.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.8		1.4	4	5	ug/L
98-86-2	Acetophenone	42.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.3		1	4	5	ug/L
98-95-3	Nitrobenzene	43.5		1.3	4	5	ug/L
78-59-1	Isophorone	43.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	39		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	49		5.5	8	10	ug/L
91-20-3	Naphthalene	42.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	14.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.7		1.3	4	5	ug/L
105-60-2	Caprolactam	46.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.1		1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BSD	SDG No.:	BG031424
Lab Sample ID:	PB159586BSD	Matrix:	Water
Analytical Method:	8270E	% 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
BG060652.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.2		0.81	4	5	ug/L
Total PAH	Total PAH	728.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	99.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.9		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.7		2.7	4	10	ug/L
84-66-2	Diethylphthalate	44.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44		0.98	4	5	ug/L
86-73-7	Fluorene	44.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.1		0.89	4	5	ug/L
103-33-3	Azobenzene	44.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.1		1.1	4	5	ug/L
1912-24-9	Atrazine	40.4		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	88.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43		0.89	4	5	ug/L
120-12-7	Anthracene	42.7		1.1	4	5	ug/L
86-74-8	Carbazole	43.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BSD	SDG No.:	BG031424
Lab Sample ID:	PB159586BSD	Matrix:	Water
Analytical Method:	8270E	% 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
BG060652.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	27.6		4.1	8	10	ug/L
129-00-0	Pyrene	44.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	47.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.6		0.94	4	5	ug/L
218-01-9	Chrysene	43.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	46		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.344		10-139		96	SPK: -150
13127-88-3	Phenol-d6	136.097		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	84.275		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	84.111		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	138.501		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	82.225		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104909	8.324				
1146-65-2	Naphthalene-d8	497758	11.168				
15067-26-2	Acenaphthene-d10	316713	14.951				
1517-22-2	Phenanthrene-d10	689764	17.695				
1719-03-5	Chrysene-d12	597115	22.014				
1520-96-3	Perylene-d12	646404	25.568				



Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159586BSD	SDG No.:	BG031424
Lab Sample ID:	PB159586BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060652.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BG031424
Lab Sample ID:	P1749-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060653.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BG031424
Lab Sample ID:	P1749-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060653.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BG031424
Lab Sample ID:	P1749-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060653.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.987		10-139		43	SPK: -150
13127-88-3	Phenol-d6	38.647		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	93.568		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.438		52-132		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	150.197		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	88.473		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94462	8.323				
1146-65-2	Naphthalene-d8	449446	11.167				
15067-26-2	Acenaphthene-d10	295821	14.945				
1517-22-2	Phenanthrene-d10	620389	17.694				
1719-03-5	Chrysene-d12	550440	22.013				
1520-96-3	Perylene-d12	630405	25.568				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BG031424
Lab Sample ID:	P1749-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060653.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BG031424
Lab Sample ID:	P1749-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060654.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BG031424
Lab Sample ID:	P1749-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060654.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BG031424
Lab Sample ID:	P1749-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060654.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.859		10-139		36	SPK: -150
13127-88-3	Phenol-d6	32.272		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	88.652		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.627		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	135.927		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	88.701		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94528	8.32				
1146-65-2	Naphthalene-d8	450341	11.164				
15067-26-2	Acenaphthene-d10	307383	14.948				
1517-22-2	Phenanthrene-d10	629640	17.692				
1719-03-5	Chrysene-d12	542365	22.01				
1520-96-3	Perylene-d12	626643	25.565				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BG031424
Lab Sample ID:	P1749-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060654.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000638-53-9	Tridecanoic acid	2.5	J			18.514	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BG031424
Lab Sample ID:	P1749-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060655.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BG031424
Lab Sample ID:	P1749-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060655.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BG031424
Lab Sample ID:	P1749-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060655.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.549		10-139		38	SPK: -150
13127-88-3	Phenol-d6	33.622		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	87.665		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	85.265		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	141.042		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	86.728		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83483	8.319				
1146-65-2	Naphthalene-d8	400680	11.169				
15067-26-2	Acenaphthene-d10	279612	14.947				
1517-22-2	Phenanthrene-d10	595496	17.697				
1719-03-5	Chrysene-d12	530980	22.009				
1520-96-3	Perylene-d12	610683	25.57				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BG031424
Lab Sample ID:	P1749-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060655.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159586

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUP	SDG No.:	BG031424
Lab Sample ID:	P1746-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060656.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUP	SDG No.:	BG031424
Lab Sample ID:	P1746-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060656.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUP	SDG No.:	BG031424
Lab Sample ID:	P1746-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BG060656.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.1		18-112		79	SPK: -150
13127-88-3	Phenol-d6	117.035		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	70.951		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	66.912		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.646		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	68.532		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94740	8.325				
1146-65-2	Naphthalene-d8	429327	11.169				
15067-26-2	Acenaphthene-d10	299450	14.947				
1517-22-2	Phenanthrene-d10	623143	17.697				
1719-03-5	Chrysene-d12	545357	22.009				
1520-96-3	Perylene-d12	618403	25.564				



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

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUP	SDG No.:	BG031424
Lab Sample ID:	P1746-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060656.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			18.519	
000057-11-4	Octadecanoic acid	84.2	J			19.771	
959261-25-7	Pentafluoropropionic acid, octadec	120	J			21.563	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMS	SDG No.:	BG031424
Lab Sample ID:	P1746-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.01 Units: g	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
BG060657.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		94.6	290	360	ug/Kg
110-86-1	Pyridine	1200		87.1	140	190	ug/Kg
100-52-7	Benzaldehyde	750		200	290	360	ug/Kg
62-53-3	Aniline	1300		110	140	190	ug/Kg
108-95-2	Phenol	1900		90.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		91.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		91	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		92.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		93.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		94.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1700		90.5	290	360	ug/Kg
95-48-7	2-Methylphenol	1700		87.9	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		99.1	140	190	ug/Kg
98-86-2	Acetophenone	1600		94.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1700		87	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		43.9	87.2	87.2	ug/Kg
67-72-1	Hexachloroethane	1700		90.5	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		99	140	190	ug/Kg
78-59-1	Isophorone	1600		92.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	1800		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		93.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		82.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		93.1	140	190	ug/Kg
65-85-0	Benzoic acid	1700		260	290	360	ug/Kg
91-20-3	Naphthalene	1600		90	140	190	ug/Kg
106-47-8	4-Chloroaniline	930		90	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		90.8	140	190	ug/Kg
105-60-2	Caprolactam	1600		94.6	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		84.5	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		89.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMS	SDG No.:	BG031424
Lab Sample ID:	P1746-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.01 Units: g	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
BG060657.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3700	E	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		77.8	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		80.7	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1600		95.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		90.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	1800		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1600		89.1	140	190	ug/Kg
208-96-8	Acenaphthylene	1700		94.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		90.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	1300		97.2	140	190	ug/Kg
83-32-9	Acenaphthene	1600		88.4	140	190	ug/Kg
Total PAH	Total PAH	26600		1443.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	290	360	ug/Kg
132-64-9	Dibenzofuran	1600		92	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		94	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		184.7	140	380	ug/Kg
84-66-2	Diethylphthalate	1600		87.3	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		93.3	140	190	ug/Kg
86-73-7	Fluorene	1600		93.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	1700		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		89	140	190	ug/Kg
103-33-3	Azobenzene	1600		86.8	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		86	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		92.7	140	190	ug/Kg
1912-24-9	Atrazine	1700		99.6	140	190	ug/Kg
87-86-5	Pentachlorophenol	3400	E	84.3	290	360	ug/Kg
85-01-8	Phenanthrene	1600		91.6	140	190	ug/Kg
120-12-7	Anthracene	1600		92	140	190	ug/Kg
86-74-8	Carbazole	1700		87.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1700		91.9	140	190	ug/Kg
206-44-0	Fluoranthene	1600		89.1	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMS	SDG No.:	BG031424
Lab Sample ID:	P1746-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.01 Units: g	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
BG060657.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	3000	E	180	290	360	ug/Kg
129-00-0	Pyrene	1600		90.5	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	1800		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	1700		88	140	190	ug/Kg
218-01-9	Chrysene	1600		86.7	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		99.2	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		88.4	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		90	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		85.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		88.5	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		87.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		94.6	140	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		81.4	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1600		90.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.339		18-112		71	SPK: -150
13127-88-3	Phenol-d6	102.85		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	62.092		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	58.519		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.271		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	58.531		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94747	8.32				
1146-65-2	Naphthalene-d8	449559	11.17				
15067-26-2	Acenaphthene-d10	294779	14.947				
1517-22-2	Phenanthrene-d10	595835	17.697				
1719-03-5	Chrysene-d12	523984	22.016				
1520-96-3	Perylene-d12	591655	25.57				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMS	SDG No.:	BG031424
Lab Sample ID:	P1746-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060657.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMSD	SDG No.:	BG031424
Lab Sample ID:	P1746-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	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
BG060658.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		94.5	290	360	ug/Kg
110-86-1	Pyridine	1300		87	140	190	ug/Kg
100-52-7	Benzaldehyde	820		200	290	360	ug/Kg
62-53-3	Aniline	1400		110	140	190	ug/Kg
108-95-2	Phenol	2000		90.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		91.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	2000		90.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		92.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		93.6	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		94.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		90.4	290	360	ug/Kg
95-48-7	2-Methylphenol	1800		87.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		99	140	190	ug/Kg
98-86-2	Acetophenone	1800		94.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		86.9	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		43.9	87.1	87.1	ug/Kg
67-72-1	Hexachloroethane	1900		90.4	140	190	ug/Kg
98-95-3	Nitrobenzene	1800		98.9	140	190	ug/Kg
78-59-1	Isophorone	1800		92.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	2000		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		93.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		82.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		93	140	190	ug/Kg
65-85-0	Benzoic acid	1800		260	290	360	ug/Kg
91-20-3	Naphthalene	1800		89.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	940		89.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1800		90.7	140	190	ug/Kg
105-60-2	Caprolactam	1800		94.5	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		84.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1700		89.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMSD	SDG No.:	BG031424
Lab Sample ID:	P1746-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	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
BG060658.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4000	E	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		77.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		80.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		95.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1900		90.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	2000		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1800		88.9	140	190	ug/Kg
208-96-8	Acenaphthylene	1900		94.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		90.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	1400		97.1	140	190	ug/Kg
83-32-9	Acenaphthene	1800		88.3	140	190	ug/Kg
Total PAH	Total PAH	29400		1441.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	4000	E	130	290	360	ug/Kg
132-64-9	Dibenzofuran	1800		91.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4100		184.4	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		93.8	140	190	ug/Kg
84-66-2	Diethylphthalate	1800		87.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		93.2	140	190	ug/Kg
86-73-7	Fluorene	1800		93.1	140	190	ug/Kg
100-01-6	4-Nitroaniline	1900		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		88.8	140	190	ug/Kg
103-33-3	Azobenzene	1800		86.7	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		85.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		92.5	140	190	ug/Kg
1912-24-9	Atrazine	1900		99.5	140	190	ug/Kg
87-86-5	Pentachlorophenol	3700	E	84.2	290	360	ug/Kg
85-01-8	Phenanthrene	1800		91.5	140	190	ug/Kg
120-12-7	Anthracene	1800		91.9	140	190	ug/Kg
86-74-8	Carbazole	1800		87.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		91.8	140	190	ug/Kg
206-44-0	Fluoranthene	1800		88.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMSD	SDG No.:	BG031424
Lab Sample ID:	P1746-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	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
BG060658.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	3100	E	180	290	360	ug/Kg
129-00-0	Pyrene	1800		90.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	1800		87.9	140	190	ug/Kg
218-01-9	Chrysene	1800		86.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		99.1	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		88.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		89.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1800		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		85	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		88.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		87.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		94.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	1500		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		81.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		90.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.31		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.6		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	69.807		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	64.245		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.556		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	63.375		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102590	8.325				
1146-65-2	Naphthalene-d8	484697	11.169				
15067-26-2	Acenaphthene-d10	313265	14.953				
1517-22-2	Phenanthrene-d10	641662	17.696				
1719-03-5	Chrysene-d12	561111	22.021				
1520-96-3	Perylene-d12	653940	25.57				



Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0-DUPMSD	SDG No.:	BG031424
Lab Sample ID:	P1746-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060658.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159584

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

SW-846

SDG No.: BG031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-01-4.0-6.0-DUP								
P1746-03	SB-01-4.0-6.0-DUP	Solid	n-Hexadecanoic acid	*	250.000	J		
P1746-03	SB-01-4.0-6.0-DUP	Solid	Octadecanoic acid	*	84.200	J		
P1746-03	SB-01-4.0-6.0-DUP	Solid	Pentafluoropropionic acid, octadecanoic acid	*	120.000	J		
Total Tics :						454.20		
Total Concentration:						454.20		
Client ID : MW-01								
P1747-01	MW-01	Water	1-Heptacosanol	*	2.500	J		
P1747-01	MW-01	Water	2-(Methylmercapto)benzothiazole	*	13.900	J		
P1747-01	MW-01	Water	3,5-Dichloro-6-cyanopyridin-2-yl	*	4.900	J		
P1747-01	MW-01	Water	Diethyltoluamide	*	9.000	J		
P1747-01	MW-01	Water	N-Cyclohexyl-N-methylurea, N-methyl-N-cyclohexylurea	*	3.500	J		
P1747-01	MW-01	Water	n-Hexadecanoic acid	*	2.200	J		
P1747-01	MW-01	Water	unknown17.582	*	2.800	J		
Total Tics :						38.80		
Total Concentration:						38.80		
Client ID : MW-01-DUP								
P1747-02	MW-01-DUP	Water	2-(Methylmercapto)benzothiazole	*	14.400	J		
P1747-02	MW-01-DUP	Water	Benzamide, 3-methyl-N-methyl-N-(3-methylphenyl)-	*	9.300	J		
P1747-02	MW-01-DUP	Water	N-Cyclohexyl-N-methylurea, N-methyl-N-cyclohexylurea	*	3.400	J		
P1747-02	MW-01-DUP	Water	n-Hexadecanoic acid	*	2.200	J		
P1747-02	MW-01-DUP	Water	Pentadecafluorooctanoic acid, octadecanoic acid	*	2.100	J		
P1747-02	MW-01-DUP	Water	unknown12.413	*	5.100	J		
P1747-02	MW-01-DUP	Water	unknown17.853	*	3.000	J		
Total Tics :						39.50		
Total Concentration:						39.50		
Client ID : MW-02								
P1747-04	MW-02	Water	n-Hexadecanoic acid	*	2.500	J		
Total Tics :						2.50		
Total Concentration:						2.50		
Client ID : MW-04								
P1747-05	MW-04	Water	unknown16.374	*	2.200	J		
Total Tics :						2.20		
Total Concentration:						2.20		
Client ID : MW-2								
P1749-03	MW-2	Water	Tridecanoic acid	*	2.500	J		
Total Tics :						2.50		
Total Concentration:						2.50		



Hit Summary Sheet
SW-846

SDG No.: BG031424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID:

Calibration Date(s): 3/13/2024 :

Calibration Time(s): 10:44

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.789	0.750	0.812	0.776	0.759	0.772	3.2
Pyridine		1.589	1.575	1.626	1.587	1.551	1.574	2.1
2-Fluorophenol		1.257	1.230	1.334	1.299	1.283	1.272	3.0
Benzaldehyde		1.091	1.076	1.168	1.084	0.998	1.033	10.0
Aniline		2.137	2.220	2.319	2.328	2.299	2.255	3.2
Phenol-d6		1.710	1.816	1.952	1.917	1.867	1.846	4.4
Phenol		1.797	1.778	1.943	1.932	1.851	1.852	3.8
bis(2-Chloroethyl)ether		1.483	1.488	1.524	1.516	1.432	1.476	2.9
2-Chlorophenol		1.336	1.359	1.445	1.431	1.395	1.391	2.8
1,2-Dichlorobenzene		1.513	1.529	1.559	1.521	1.487	1.510	2.5
1,3-Dichlorobenzene		1.506	1.477	1.590	1.500	1.490	1.500	3.1
1,4-Dichlorobenzene		1.520	1.477	1.590	1.557	1.520	1.520	2.8
Benzyl Alcohol		1.340	1.384	1.495	1.549	1.475	1.459	5.0
2-Methylphenol		1.306	1.350	1.499	1.496	1.428	1.422	5.1
2,2-oxybis(1-Chloropropane)		2.752	2.810	3.040	2.934	2.837	2.866	3.6
Acetophenone		0.527	0.523	0.559	0.548	0.535	0.536	2.9
3+4-Methylphenols		1.786	1.826	1.984	2.023	1.927	1.918	4.6
n-Nitroso-di-n-propylamine	1.264	1.142	1.268	1.350	1.341	1.272	1.279	5.1
Nitrobenzene-d5		0.343	0.349	0.397	0.398	0.399	0.384	6.9
Hexachloroethane		0.481	0.506	0.552	0.526	0.519	0.519	4.4
Nitrobenzene		0.348	0.351	0.398	0.401	0.393	0.384	6.3
Isophorone		0.727	0.741	0.793	0.788	0.777	0.769	3.5
2-Nitrophenol		0.106	0.114	0.145	0.153	0.155	0.142	15.9
2,4-Dimethylphenol		0.380	0.332	0.349	0.337	0.329	0.340	5.8
bis(2-Chloroethoxy)methane		0.456	0.461	0.482	0.466	0.450	0.461	2.8
2,4-Dichlorophenol		0.285	0.295	0.310	0.316	0.310	0.306	3.9
1,2,4-Trichlorobenzene		0.324	0.329	0.336	0.322	0.318	0.324	2.6
Benzoic acid			0.113	0.170	0.217	0.221	0.199	24.5
Naphthalene		1.140	1.123	1.164	1.113	1.107	1.117	3.0
4-Chloroaniline		0.438	0.472	0.492	0.481	0.472	0.471	3.7
Hexachlorobutadiene		0.219	0.219	0.231	0.221	0.222	0.221	2.6
Caprolactam		0.087	0.101	0.108	0.106	0.105	0.103	6.9
4-Chloro-3-methylphenol		0.349	0.362	0.390	0.385	0.379	0.374	3.9
2-Methylnaphthalene		0.788	0.767	0.817	0.773	0.760	0.772	3.5
Hexachlorocyclopentadiene		0.245	0.254	0.304	0.315	0.321	0.302	12.7
2,4,6-Trichlorophenol		0.352	0.366	0.406	0.405	0.408	0.394	6.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID: _____

Calibration Date(s): 3/13/2024 : _____

Calibration Time(s): 10:44 : _____

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.518	1.596	1.471	1.459	1.479	5.3
2,4,5-Trichlorophenol		0.402	0.436	0.485	0.484	0.484	0.467	7.4
1,1-Biphenyl		1.523	1.534	1.593	1.520	1.499	1.520	2.9
2-Chloronaphthalene		1.089	1.148	1.203	1.169	1.137	1.147	3.4
2-Nitroaniline		0.277	0.327	0.376	0.411	0.416	0.379	15.0
Dimethylphthalate		1.434	1.504	1.571	1.522	1.499	1.500	3.3
Acenaphthylene		1.813	1.868	1.957	1.881	1.882	1.869	3.0
2,6-Dinitrotoluene		0.204	0.251	0.286	0.295	0.293	0.276	13.3
3-Nitroaniline		0.264	0.289	0.331	0.332	0.337	0.318	9.3
Acenaphthene		1.120	1.111	1.184	1.113	1.096	1.117	3.0
2,4-Dinitrophenol			0.077	0.099	0.123	0.126	0.118	21.6
4-Nitrophenol			0.195	0.226	0.246	0.251	0.237	9.8
Dibenzofuran		1.845	1.826	1.903	1.804	1.792	1.808	3.6
2,4-Dinitrotoluene		0.255	0.302	0.351	0.373	0.380	0.348	14.6
Diethylphthalate		1.496	1.559	1.617	1.554	1.538	1.543	3.1
4-Chlorophenyl-phenylether		0.725	0.741	0.776	0.729	0.724	0.733	3.1
Fluorene		1.413	1.464	1.532	1.453	1.436	1.447	3.6
4-Nitroaniline		0.252	0.307	0.338	0.347	0.344	0.326	10.9
4,6-Dinitro-2-methylphenol			0.057	0.076	0.087	0.087	0.083	17.6
n-Nitrosodiphenylamine		0.605	0.616	0.674	0.631	0.621	0.626	4.1
Azobenzene		1.524	1.600	1.696	1.621	1.589	1.597	3.6
2,4,6-Tribromophenol		0.178	0.218	0.234	0.245	0.248	0.232	11.5
4-Bromophenyl-phenylether		0.209	0.204	0.229	0.213	0.215	0.216	4.1
Hexachlorobenzene		0.241	0.248	0.260	0.247	0.245	0.248	2.7
Atrazine		0.192	0.207	0.224	0.214	0.209	0.209	4.8
Pentachlorophenol			0.119	0.153	0.170	0.170	0.161	13.6
Phenanthrene		1.100	1.098	1.162	1.071	1.048	1.077	4.9
Anthracene		1.082	1.102	1.158	1.092	1.075	1.089	3.9
Carbazole		0.896	0.961	1.017	0.954	0.950	0.947	4.4
Di-n-butylphthalate		1.044	1.139	1.244	1.198	1.172	1.154	5.8
Fluoranthene		1.170	1.192	1.283	1.212	1.194	1.192	4.5
Benzidine		0.414	0.407	0.436	0.545	0.520	0.489	14.1
Pyrene		1.385	1.423	1.489	1.414	1.375	1.396	4.4
Terphenyl-d14		1.201	1.204	1.244	1.096	1.065	1.106	10.8
Butylbenzylphthalate		0.436	0.477	0.542	0.557	0.560	0.528	9.7
3,3-Dichlorobenzidine		0.410	0.430	0.475	0.494	0.478	0.464	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID: _____

Calibration Date(s): 3/13/2024 : _____

Calibration Time(s): 10:44 : _____

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.342	1.372	1.434	1.402	1.382	1.377	2.9
Chrysene		1.344	1.335	1.385	1.346	1.320	1.337	2.7
Bis(2-ethylhexyl)phthalate		0.668	0.705	0.795	0.826	0.815	0.779	8.5
Di-n-octyl phthalate		1.039	1.134	1.296	1.375	1.368	1.283	11.1
Benzo(b)fluoranthene		1.030	1.059	1.149	1.137	1.097	1.100	4.2
Benzo(k)fluoranthene		1.112	1.106	1.207	1.164	1.174	1.156	3.3
Benzo(a)pyrene		1.013	1.002	1.121	1.101	1.098	1.079	4.8
Indeno(1,2,3-cd)pyrene		1.240	1.273	1.400	1.396	1.403	1.364	5.6
Dibenzo(a,h)anthracene		1.087	1.078	1.184	1.182	1.175	1.158	4.7
Benzo(g,h,i)perylene		1.019	1.059	1.152	1.154	1.146	1.121	5.3
1,2,4,5-Tetrachlorobenzene		0.590	0.611	0.639	0.613	0.619	0.614	2.8
1,4-Dioxane		0.574	0.543	0.583	0.521	0.514	0.533	7.1
2,3,4,6-Tetrachlorophenol		0.320	0.376	0.394	0.406	0.411	0.389	8.5
1-Methylnaphthalene		0.740	0.719	0.764	0.732	0.712	0.724	3.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 11:06

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	106013	8.324	497769	11.17	328973	14.95
	UPPER LIMIT	212026	8.824	995538	11.673	657946	15.451
	LOWER LIMIT	53006.5	7.824	248884.5	10.673	164486.5	14.451
	EPA SAMPLE NO.						
01	PB159572BL	97933	8.32	436224	11.17	297592	14.95
02	PB159572BS	99942	8.32	464234	11.17	299646	14.95
03	PB159530TB	92511	8.33	421195	11.17	296205	14.95
04	PB159549BL	94466	8.32	424643	11.17	298877	14.94
05	IDOC-01	96959	8.32	448592	11.17	299449	14.95
06	IDOC-02	104009	8.32	484177	11.17	317844	14.95
07	IDOC-03	96845	8.32	445338	11.17	299621	14.95
08	IDOC-04	98334	8.32	468241	11.17	313211	14.95
09	WC-3	92271	8.32	416736	11.17	291438	14.95
10	WC-2	90368	8.32	400704	11.17	279009	14.95
11	MW-01	87894	8.32	407330	11.17	278240	14.95
12	MW-01-DUP	95427	8.32	445954	11.17	304535	14.95
13	MW-02	92610	8.32	433473	11.17	306273	14.94
14	MW-04	92415	8.33	426428	11.17	303077	14.95
15	MW-1	104717	8.32	498095	11.17	328972	14.95
16	PB159586BL	87880	8.32	398324	11.17	273634	14.95
17	PB159586BS	109222	8.33	513453	11.17	325000	14.95
18	PB159586BSD	104909	8.32	497758	11.17	316713	14.95
19	MW-2A	94462	8.32	449446	11.17	295821	14.95
20	MW-2	94528	8.32	450341	11.16	307383	14.95
21	MW-4	83483	8.32	400680	11.17	279612	14.95
22	SB-01-4.0-6.0-DUP	94740	8.33	429327	11.17	299450	14.95
23	SB-01-4.0-6.0-DUPMS	94747	8.32	449559	11.17	294779	14.95
24	SB-01-4.0-6.0-DUPMSD	102590	8.33	484697	11.17	313265	14.95

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 04:43

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	106013	8.324	497769	11.17	328973	14.95
UPPER LIMIT	212026	8.824	995538	11.673	657946	15.451
LOWER LIMIT	53006.5	7.824	248884.5	10.673	164486.5	14.451
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 14 2024 12:00AMLab File ID: BG060632.D Time Analyzed: 11:06Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	100214	8.322	455197	11.17	300034	14.95
	UPPER LIMIT	200428	8.822	910394	11.666	600068	15.45
	LOWER LIMIT	50107	7.822	227598.5	10.666	150017	14.45
	EPA SAMPLE NO.						
01	PB159572BL	97933	8.32	436224	11.17	297592	14.95
02	PB159572BS	99942	8.32	464234	11.17	299646	14.95
03	PB159530TB	92511	8.33	421195	11.17	296205	14.95
04	PB159549BL	94466	8.32	424643	11.17	298877	14.94
05	IDOC-01	96959	8.32	448592	11.17	299449	14.95
06	IDOC-02	104009	8.32	484177	11.17	317844	14.95
07	IDOC-03	96845	8.32	445338	11.17	299621	14.95
08	IDOC-04	98334	8.32	468241	11.17	313211	14.95
09	WC-3	92271	8.32	416736	11.17	291438	14.95
10	WC-2	90368	8.32	400704	11.17	279009	14.95
11	MW-01	87894	8.32	407330	11.17	278240	14.95
12	MW-01-DUP	95427	8.32	445954	11.17	304535	14.95
13	MW-02	92610	8.32	433473	11.17	306273	14.94
14	MW-04	92415	8.33	426428	11.17	303077	14.95
15	MW-1	104717	8.32	498095	11.17	328972	14.95

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BG060649.D Time Analyzed: 23:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	96079	8.323	434457	11.17	283666	14.95
UPPER LIMIT	192158	8.823	868914	11.667	567332	15.451
LOWER LIMIT	48039.5	7.823	217228.5	10.667	141833	14.451
EPA SAMPLE NO.						
01 PB159586BL	87880	8.32	398324	11.17	273634	14.95
02 PB159586BS	109222	8.33	513453	11.17	325000	14.95
03 PB159586BSD	104909	8.32	497758	11.17	316713	14.95
04 MW-2A	94462	8.32	449446	11.17	295821	14.95
05 MW-2	94528	8.32	450341	11.16	307383	14.95
06 MW-4	83483	8.32	400680	11.17	279612	14.95
07 SB-01-4.0-6.0-DUP	94740	8.33	429327	11.17	299450	14.95
08 SB-01-4.0-6.0-DUPMS	94747	8.32	449559	11.17	294779	14.95
09 SB-01-4.0-6.0-DUPMSD	102590	8.33	484697	11.17	313265	14.95

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDICCC040

Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BG060625.D

Time Analyzed: 11:06

Instrument ID: BNA_G

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	696137	17.701	617246	22.025	701669	25.574
	UPPER LIMIT	1392274	18.201	1234492	22.525	1403338	26.074
	LOWER LIMIT	348068.5	17.201	308623	21.525	350834.5	25.074
	EPA SAMPLE NO.						
01	PB159572BL	697856	17.70	626552	22.01	705350	25.56
02	PB159572BS	651721	17.70	565779	22.01	615395	25.57
03	PB159530TB	661407	17.70	577301	22.02	650037	25.57
04	PB159549BL	665907	17.69	574526	22.01	649995	25.57
05	IDOC-01	611826	17.69	538199	22.02	612517	25.57
06	IDOC-02	666551	17.70	580626	22.01	659535	25.57
07	IDOC-03	631638	17.69	571109	22.02	646715	25.57
08	IDOC-04	657769	17.70	577264	22.02	659279	25.57
09	WC-3	647938	17.70	561384	22.01	635565	25.57
10	WC-2	606195	17.70	542445	22.01	607364	25.56
11	MW-01	593395	17.69	503937	22.01	579316	25.57
12	MW-01-DUP	669477	17.70	584480	22.01	662527	25.56
13	MW-02	646742	17.69	546831	22.01	624053	25.56
14	MW-04	645630	17.69	577543	22.01	656048	25.56
15	MW-1	690454	17.69	594300	22.01	674826	25.56
16	PB159586BL	611698	17.70	536075	22.01	604634	25.56
17	PB159586BS	699724	17.70	611265	22.02	651311	25.57
18	PB159586BSD	689764	17.70	597115	22.01	646404	25.57
19	MW-2A	620389	17.69	550440	22.01	630405	25.57
20	MW-2	629640	17.69	542365	22.01	626643	25.57
21	MW-4	595496	17.70	530980	22.01	610683	25.57
22	SB-01-4.0-6.0-DUP	623143	17.70	545357	22.01	618403	25.56

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 04:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	696137	17.701	617246	22.025	701669	25.574
UPPER LIMIT	1392274	18.201	1234492	22.525	1403338	26.074
LOWER LIMIT	348068.5	17.201	308623	21.525	350834.5	25.074
EPA SAMPLE NO.						
23 SB-01-4.0-6.0-DUPMS	595835	17.70	523984	22.02	591655	25.57
24 SB-01-4.0-6.0-DUPMSD	641662	17.70	561111	22.02	653940	25.57

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BG060632.D Time Analyzed: 11:06

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	621112	17.694	570870	22.018	652588	25.567
UPPER LIMIT	1242224	18.194	1141740	22.518	1305176	26.067
LOWER LIMIT	310556	17.194	285435	21.518	326294	25.067
EPA SAMPLE NO.						
01 PB159572BL	697856	17.70	626552	22.01	705350	25.56
02 PB159572BS	651721	17.70	565779	22.01	615395	25.57
03 PB159530TB	661407	17.70	577301	22.02	650037	25.57
04 PB159549BL	665907	17.69	574526	22.01	649995	25.57
05 IDOC-01	611826	17.69	538199	22.02	612517	25.57
06 IDOC-02	666551	17.70	580626	22.01	659535	25.57
07 IDOC-03	631638	17.69	571109	22.02	646715	25.57
08 IDOC-04	657769	17.70	577264	22.02	659279	25.57
09 WC-3	647938	17.70	561384	22.01	635565	25.57
10 WC-2	606195	17.70	542445	22.01	607364	25.56
11 MW-01	593395	17.69	503937	22.01	579316	25.57
12 MW-01-DUP	669477	17.70	584480	22.01	662527	25.56
13 MW-02	646742	17.69	546831	22.01	624053	25.56
14 MW-04	645630	17.69	577543	22.01	656048	25.56
15 MW-1	690454	17.69	594300	22.01	674826	25.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031424 SAS No.: BG031424 SDG NO.: BG031424

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BG060649.D Time Analyzed: 23:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	613917	17.695	559496	22.019	646720	25.568
UPPER LIMIT	1227834	18.195	1118992	22.519	1293440	26.068
LOWER LIMIT	306958.5	17.195	279748	21.519	323360	25.068
EPA SAMPLE NO.						
01 PB159586BL	611698	17.70	536075	22.01	604634	25.56
02 PB159586BS	699724	17.70	611265	22.02	651311	25.57
03 PB159586BSD	689764	17.70	597115	22.01	646404	25.57
04 MW-2A	620389	17.69	550440	22.01	630405	25.57
05 MW-2	629640	17.69	542365	22.01	626643	25.57
06 MW-4	595496	17.70	530980	22.01	610683	25.57
07 SB-01-4.0-6.0-DUP	623143	17.70	545357	22.01	618403	25.56
08 SB-01-4.0-6.0-DUPMS	595835	17.70	523984	22.02	591655	25.57
09 SB-01-4.0-6.0-DUPMSD	641662	17.70	561111	22.02	653940	25.57

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
IDOC-01	n-Nitrosodimethylamine	50000	41000	ug/L	82					55	108	
	Pyridine	50000	31000	ug/L	62					29	97	
	Benzaldehyde	50000	21100	ug/L	42					15	121	
	Aniline	50000	28400	ug/L	57					10	130	
	Phenol	50000	50400	ug/L	101					66	118	
	bis(2-Chloroethyl)ether	50000	44100	ug/L	88					62	103	
	2-Chlorophenol	50000	49900	ug/L	100					70	117	
	1,2-Dichlorobenzene	50000	45200	ug/L	90					72	102	
	1,3-Dichlorobenzene	50000	44800	ug/L	90					71	103	
	1,4-Dichlorobenzene	50000	46700	ug/L	93					76	103	
	Benzyl Alcohol	50000	45300	ug/L	91					36	93	
	2-Methylphenol	50000	45800	ug/L	92					69	109	
	2,2-oxybis(1-Chloropropane)	50000	45300	ug/L	91					52	103	
	Acetophenone	50000	44000	ug/L	88					60	104	
	3+4-Methylphenols	50000	45600	ug/L	91					67	106	
	N-Nitroso-di-n-propylamine	50000	43700	ug/L	87					57	107	
	Hexachloroethane	50000	46600	ug/L	93					76	118	
	Nitrobenzene	50000	44600	ug/L	89					58	106	
	Isophorone	50000	44000	ug/L	88					61	102	
	2-Nitrophenol	50000	45500	ug/L	91					70	115	
	2,4-Dimethylphenol	50000	37800	ug/L	76					67	130	
	bis(2-Chloroethoxy)methane	50000	43900	ug/L	88					58	109	
	2,4-Dichlorophenol	50000	47900	ug/L	96					66	115	
	1,2,4-Trichlorobenzene	50000	45000	ug/L	90					41	115	
	Benzoic acid	50000	44600	ug/L	89					10	125	
	Naphthalene	50000	44100	ug/L	88					64	107	
	4-Chloroaniline	50000	14300	ug/L	29					10	85	
	Hexachlorobutadiene	50000	44100	ug/L	88					69	101	
	Caprolactam	50000	46800	ug/L	94					58	128	
	4-Chloro-3-methylphenol	50000	47300	ug/L	95					65	114	
	2-Methylnaphthalene	50000	42700	ug/L	85					64	107	
	Hexachlorocyclopentadiene	100000	100600	ug/L	101					36	160	
	2,4,6-Trichlorophenol	50000	47500	ug/L	95					61	110	
	2,4,5-Trichlorophenol	50000	43400	ug/L	87					70	106	
	1,1-Biphenyl	50000	44500	ug/L	89					72	98	
	2-Chloronaphthalene	50000	45200	ug/L	90					59	106	
	2-Nitroaniline	50000	47400	ug/L	95					58	107	
	Dimethylphthalate	50000	44300	ug/L	89					64	103	
	Acenaphthylene	50000	47100	ug/L	94					65	108	
	2,6-Dinitrotoluene	50000	47900	ug/L	96					64	110	
	3-Nitroaniline	50000	24400	ug/L	49					28	100	
	Acenaphthene	50000	42900	ug/L	86					59	113	
	Total PAH	800000	747400	ug/L	93					59	113	
	2,4-Dinitrophenol	100000	87400	ug/L	87					64	132	
	4-Nitrophenol	100000	97700	ug/L	98					68	116	
	Dibenzofuran	50000	43900	ug/L	88					65	106	



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

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
IDOC-01	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	97300	ug/L	97					60	115	
	2,4-Dinitrotoluene	50000	49400	ug/L	99					60	115	
	Diethylphthalate	50000	44200	ug/L	88					63	105	
	4-Chlorophenyl-phenylether	50000	42600	ug/L	85					61	104	
	Fluorene	50000	44100	ug/L	88					64	107	
	4-Nitroaniline	50000	45500	ug/L	91					69	112	
	4,6-Dinitro-2-methylphenol	50000	46800	ug/L	94					62	132	
	N-Nitrosodiphenylamine	50000	45700	ug/L	91					61	109	
	Azobenzene	50000	44500	ug/L	89					59	106	
	4-Bromophenyl-phenylether	50000	45100	ug/L	90					73	103	
	Hexachlorobenzene	50000	48400	ug/L	97					73	106	
	Atrazine	50000	49000	ug/L	98					76	120	
	Pentachlorophenol	100000	92100	ug/L	92					47	114	
	Phenanthrene	50000	45400	ug/L	91					62	109	
	Anthracene	50000	46200	ug/L	92					65	110	
	Carbazole	50000	47100	ug/L	94					62	106	
	Di-n-butylphthalate	50000	47300	ug/L	95					64	106	
	Fluoranthene	50000	46100	ug/L	92					64	110	
	Benzidine	100000	40000	ug/L	40					10	94	
	Pyrene	50000	46300	ug/L	93					71	103	
	Butylbenzylphthalate	50000	49100	ug/L	98					61	105	
	3,3-Dichlorobenzidine	50000	26900	ug/L	54					43	108	
	Benzo(a)anthracene	50000	47200	ug/L	94					62	107	
	Chrysene	50000	46300	ug/L	93					61	108	
	bis(2-Ethylhexyl)phthalate	50000	48000	ug/L	96					59	110	
	Di-n-octyl phthalate	50000	49900	ug/L	100					67	126	
	Benzo(b)fluoranthene	50000	49000	ug/L	98					77	113	
	Benzo(k)fluoranthene	50000	49300	ug/L	99					64	113	
	Benzo(a)pyrene	50000	47600	ug/L	95					72	131	
	Indeno(1,2,3-cd)pyrene	50000	50400	ug/L	101					72	105	
	Dibenz(a,h)anthracene	50000	48700	ug/L	97					78	115	
	Benzo(g,h,i)perylene	50000	46700	ug/L	93					75	118	
	1,2,4,5-Tetrachlorobenzene	50000	44000	ug/L	88					72	101	
	1,4-Dioxane	50000	35200	ug/L	70					38	125	
	2,3,4,6-Tetrachlorophenol	50000	46200	ug/L	92					63	116	
	1-Methylnaphthalene	50000	43400	ug/L	87					51	114	
IDOC-02	n-Nitrosodimethylamine	50000	39300	ug/L	79					55	108	
	Pyridine	50000	29000	ug/L	58					29	97	
	Benzaldehyde	50000	19800	ug/L	40					15	121	
	Aniline	50000	26600	ug/L	53					10	130	
	Phenol	50000	47600	ug/L	95					66	118	
	bis(2-Chloroethyl)ether	50000	41200	ug/L	82					62	103	
	2-Chlorophenol	50000	47500	ug/L	95					70	117	
	1,2-Dichlorobenzene	50000	43100	ug/L	86					72	102	
	1,3-Dichlorobenzene	50000	43300	ug/L	87					71	103	
	1,4-Dichlorobenzene	50000	44000	ug/L	88					76	103	



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

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
IDOC-02	Benzyl Alcohol	50000	44000	ug/L	88				36	93		
	2-Methylphenol	50000	43600	ug/L	87				69	109		
	2,2-oxybis(1-Chloropropane)	50000	44100	ug/L	88				52	103		
	Acetophenone	50000	42100	ug/L	84				60	104		
	3+4-Methylphenols	50000	43800	ug/L	88				67	106		
	N-Nitroso-di-n-propylamine	50000	42200	ug/L	84				57	107		
	Hexachloroethane	50000	45000	ug/L	90				76	118		
	Nitrobenzene	50000	42600	ug/L	85				58	106		
	Isophorone	50000	41200	ug/L	82				61	102		
	2-Nitrophenol	50000	43000	ug/L	86				70	115		
	2,4-Dimethylphenol	50000	35200	ug/L	70				67	130		
	bis(2-Chloroethoxy)methane	50000	41700	ug/L	83				58	109		
	2,4-Dichlorophenol	50000	46000	ug/L	92				66	115		
	1,2,4-Trichlorobenzene	50000	42100	ug/L	84				41	115		
	Benzoic acid	50000	44100	ug/L	88				10	125		
	Naphthalene	50000	41600	ug/L	83				64	107		
	4-Chloroaniline	50000	13400	ug/L	27				10	85		
	Hexachlorobutadiene	50000	41700	ug/L	83				69	101		
	Caprolactam	50000	45200	ug/L	90				58	128		
	4-Chloro-3-methylphenol	50000	45400	ug/L	91				65	114		
	2-Methylnaphthalene	50000	40900	ug/L	82				64	107		
	Hexachlorocyclopentadiene	100000	99400	ug/L	99				36	160		
	2,4,6-Trichlorophenol	50000	45800	ug/L	92				61	110		
	2,4,5-Trichlorophenol	50000	42300	ug/L	85				70	106		
	1,1-Biphenyl	50000	42800	ug/L	86				72	98		
	2-Chloronaphthalene	50000	44000	ug/L	88				59	106		
	2-Nitroaniline	50000	46200	ug/L	92				58	107		
	Dimethylphthalate	50000	43000	ug/L	86				64	103		
	Acenaphthylene	50000	45100	ug/L	90				65	108		
	2,6-Dinitrotoluene	50000	47100	ug/L	94				64	110		
	3-Nitroaniline	50000	23600	ug/L	47				28	100		
	Acenaphthene	50000	41900	ug/L	84				59	113		
	Total PAH	800000	703800	ug/L	88				59	113		
	2,4-Dinitrophenol	100000	87000	ug/L	87				64	132		
	4-Nitrophenol	100000	95800	ug/L	96				68	116		
	Dibenzofuran	50000	42200	ug/L	84				65	106		
	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	96000	ug/L	96				60	115		
	2,4-Dinitrotoluene	50000	48900	ug/L	98				60	115		
	Diethylphthalate	50000	42900	ug/L	86				63	105		
	4-Chlorophenyl-phenylether	50000	41900	ug/L	84				61	104		
	Fluorene	50000	42700	ug/L	85				64	107		
	4-Nitroaniline	50000	43600	ug/L	87				69	112		
	4,6-Dinitro-2-methylphenol	50000	44900	ug/L	90				62	132		
	N-Nitrosodiphenylamine	50000	43000	ug/L	86				61	109		
	Azobenzene	50000	42700	ug/L	85				59	106		
	4-Bromophenyl-phenylether	50000	43400	ug/L	87				73	103		

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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-02	Hexachlorobenzene	50000	45800	ug/L	92				73	106	
	Atrazine	50000	45300	ug/L	91				76	120	
	Pentachlorophenol	100000	87000	ug/L	87				47	114	
	Phenanthrene	50000	42400	ug/L	85				62	109	
	Anthracene	50000	42800	ug/L	86				65	110	
	Carbazole	50000	43200	ug/L	86				62	106	
	Di-n-butylphthalate	50000	44100	ug/L	88				64	106	
	Fluoranthene	50000	42700	ug/L	85				64	110	
	Benzidine	100000	38200	ug/L	38				10	94	
	Pyrene	50000	44000	ug/L	88				71	103	
	Butylbenzylphthalate	50000	46200	ug/L	92				61	105	
	3,3-Dichlorobenzidine	50000	25300	ug/L	51				43	108	
	Benzo(a)anthracene	50000	43900	ug/L	88				62	107	
	Chrysene	50000	43700	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50000	45400	ug/L	91				59	110	
	Di-n-octyl phthalate	50000	47000	ug/L	94				67	126	
	Benzo(b)fluoranthene	50000	46200	ug/L	92				77	113	
	Benzo(k)fluoranthene	50000	45300	ug/L	91				64	113	
	Benzo(a)pyrene	50000	44900	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50000	46800	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50000	46000	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50000	43800	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	43700	ug/L	87				72	101	
	1,4-Dioxane	50000	32900	ug/L	66				38	125	
	2,3,4,6-Tetrachlorophenol	50000	45700	ug/L	91				63	116	
	1-Methylnaphthalene	50000	40800	ug/L	82				51	114	
IDOC-03	n-Nitrosodimethylamine	50000	39800	ug/L	80				55	108	
	Pyridine	50000	29000	ug/L	58				29	97	
	Benzaldehyde	50000	20200	ug/L	40				15	121	
	Aniline	50000	27500	ug/L	55				10	130	
	Phenol	50000	48100	ug/L	96				66	118	
	bis(2-Chloroethyl)ether	50000	41600	ug/L	83				62	103	
	2-Chlorophenol	50000	46500	ug/L	93				70	117	
	1,2-Dichlorobenzene	50000	44000	ug/L	88				72	102	
	1,3-Dichlorobenzene	50000	43200	ug/L	86				71	103	
	1,4-Dichlorobenzene	50000	43700	ug/L	87				76	103	
	Benzyl Alcohol	50000	44500	ug/L	89				36	93	
	2-Methylphenol	50000	43800	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50000	44000	ug/L	88				52	103	
	Acetophenone	50000	42800	ug/L	86				60	104	
	3+4-Methylphenols	50000	43800	ug/L	88				67	106	
	N-Nitroso-di-n-propylamine	50000	41100	ug/L	82				57	107	
	Hexachloroethane	50000	43800	ug/L	88				76	118	
	Nitrobenzene	50000	43000	ug/L	86				58	106	
	Isophorone	50000	41700	ug/L	83				61	102	
	2-Nitrophenol	50000	44600	ug/L	89				70	115	

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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-03	2,4-Dimethylphenol	50000	35500	ug/L	71				67	130	
	bis(2-Chloroethoxy)methane	50000	42000	ug/L	84				58	109	
	2,4-Dichlorophenol	50000	46600	ug/L	93				66	115	
	1,2,4-Trichlorobenzene	50000	43400	ug/L	87				41	115	
	Benzoic acid	50000	45200	ug/L	90				10	125	
	Naphthalene	50000	42200	ug/L	84				64	107	
	4-Chloroaniline	50000	14600	ug/L	29				10	85	
	Hexachlorobutadiene	50000	42900	ug/L	86				69	101	
	Caprolactam	50000	46500	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50000	46100	ug/L	92				65	114	
	2-Methylnaphthalene	50000	41600	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100000	98900	ug/L	99				36	160	
	2,4,6-Trichlorophenol	50000	46300	ug/L	93				61	110	
	2,4,5-Trichlorophenol	50000	43100	ug/L	86				70	106	
	1,1-Biphenyl	50000	43000	ug/L	86				72	98	
	2-Chloronaphthalene	50000	43700	ug/L	87				59	106	
	2-Nitroaniline	50000	46900	ug/L	94				58	107	
	Dimethylphthalate	50000	43200	ug/L	86				64	103	
	Acenaphthylene	50000	45200	ug/L	90				65	108	
	2,6-Dinitrotoluene	50000	47000	ug/L	94				64	110	
	3-Nitroaniline	50000	25200	ug/L	50				28	100	
	Acenaphthene	50000	41900	ug/L	84				59	113	
	Total PAH	800000	710700	ug/L	89				59	113	
	2,4-Dinitrophenol	100000	89700	ug/L	90				64	132	
	4-Nitrophenol	100000	96500	ug/L	97				68	116	
	Dibenzofuran	50000	42400	ug/L	85				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100000	97400	ug/L	97				60	115	
	2,4-Dinitrotoluene	50000	50400	ug/L	101				60	115	
	Diethylphthalate	50000	43300	ug/L	87				63	105	
	4-Chlorophenyl-phenylether	50000	42600	ug/L	85				61	104	
	Fluorene	50000	43100	ug/L	86				64	107	
	4-Nitroaniline	50000	44400	ug/L	89				69	112	
	4,6-Dinitro-2-methylphenol	50000	46600	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50000	42900	ug/L	86				61	109	
	Azobenzene	50000	43500	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50000	43100	ug/L	86				73	103	
	Hexachlorobenzene	50000	46100	ug/L	92				73	106	
	Atrazine	50000	46900	ug/L	94				76	120	
	Pentachlorophenol	100000	88700	ug/L	89				47	114	
	Phenanthrene	50000	43400	ug/L	87				62	109	
	Anthracene	50000	43700	ug/L	87				65	110	
	Carbazole	50000	45000	ug/L	90				62	106	
	Di-n-butylphthalate	50000	45200	ug/L	90				64	106	
	Fluoranthene	50000	44200	ug/L	88				64	110	
	Benzidine	100000	38100	ug/L	38				10	94	
	Pyrene	50000	43300	ug/L	87				71	103	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-03	Butylbenzylphthalate	50000	46400	ug/L	93				61	105	
	3,3-Dichlorobenzidine	50000	25700	ug/L	51				43	108	
	Benzo(a)anthracene	50000	44400	ug/L	89				62	107	
	Chrysene	50000	44000	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50000	45300	ug/L	91				59	110	
	Di-n-octyl phthalate	50000	47000	ug/L	94				67	126	
	Benzo(b)fluoranthene	50000	46500	ug/L	93				77	113	
	Benzo(k)fluoranthene	50000	46200	ug/L	92				64	113	
	Benzo(a)pyrene	50000	45000	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50000	47300	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50000	46100	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50000	44200	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	43000	ug/L	86				72	101	
	1,4-Dioxane	50000	32100	ug/L	64				38	125	
	2,3,4,6-Tetrachlorophenol	50000	46500	ug/L	93				63	116	
	1-Methylnaphthalene	50000	41500	ug/L	83				51	114	
IDOC-04	n-Nitrosodimethylamine	50000	43400	ug/L	87				55	108	
	Pyridine	50000	31400	ug/L	63				29	97	
	Benzaldehyde	50000	21400	ug/L	43				15	121	
	Aniline	50000	29500	ug/L	59				10	130	
	Phenol	50000	52200	ug/L	104				66	118	
	bis(2-Chloroethyl)ether	50000	44500	ug/L	89				62	103	
	2-Chlorophenol	50000	51200	ug/L	102				70	117	
	1,2-Dichlorobenzene	50000	47100	ug/L	94				72	102	
	1,3-Dichlorobenzene	50000	46700	ug/L	93				71	103	
	1,4-Dichlorobenzene	50000	47500	ug/L	95				76	103	
	Benzyl Alcohol	50000	48600	ug/L	97		*		36	93	
	2-Methylphenol	50000	46600	ug/L	93				69	109	
	2,2-oxybis(1-Chloropropane)	50000	47200	ug/L	94				52	103	
	Acetophenone	50000	44700	ug/L	89				60	104	
	3+4-Methylphenols	50000	47400	ug/L	95				67	106	
	N-Nitroso-di-n-propylamine	50000	44400	ug/L	89				57	107	
	Hexachloroethane	50000	48200	ug/L	96				76	118	
	Nitrobenzene	50000	45300	ug/L	91				58	106	
	Isophorone	50000	43500	ug/L	87				61	102	
	2-Nitrophenol	50000	47000	ug/L	94				70	115	
	2,4-Dimethylphenol	50000	37600	ug/L	75				67	130	
	bis(2-Chloroethoxy)methane	50000	44100	ug/L	88				58	109	
	2,4-Dichlorophenol	50000	48500	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50000	44600	ug/L	89				41	115	
	Benzoic acid	50000	46300	ug/L	93				10	125	
	Naphthalene	50000	44200	ug/L	88				64	107	
	4-Chloroaniline	50000	13900	ug/L	28				10	85	
	Hexachlorobutadiene	50000	45000	ug/L	90				69	101	
	Caprolactam	50000	49400	ug/L	99				58	128	
	4-Chloro-3-methylphenol	50000	48200	ug/L	96				65	114	

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

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
IDOC-04	2-Methylnaphthalene	50000	43900	ug/L	88				64	107	
	Hexachlorocyclopentadiene	100000	103700	ug/L	104				36	160	
	2,4,6-Trichlorophenol	50000	48400	ug/L	97				61	110	
	2,4,5-Trichlorophenol	50000	45200	ug/L	90				70	106	
	1,1-Biphenyl	50000	44900	ug/L	90				72	98	
	2-Chloronaphthalene	50000	46100	ug/L	92				59	106	
	2-Nitroaniline	50000	49000	ug/L	98				58	107	
	Dimethylphthalate	50000	45000	ug/L	90				64	103	
	Acenaphthylene	50000	47100	ug/L	94				65	108	
	2,6-Dinitrotoluene	50000	48400	ug/L	97				64	110	
	3-Nitroaniline	50000	25900	ug/L	52				28	100	
	Acenaphthene	50000	43800	ug/L	88				59	113	
	Total PAH	800000	742000	ug/L	93				59	113	
	2,4-Dinitrophenol	100000	94800	ug/L	95				64	132	
	4-Nitrophenol	100000	101100	ug/L	101				68	116	
	Dibenzofuran	50000	44100	ug/L	88				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	101000	ug/L	101				60	115	
	2,4-Dinitrotoluene	50000	52600	ug/L	105				60	115	
	Diethylphthalate	50000	44900	ug/L	90				63	105	
	4-Chlorophenyl-phenylether	50000	44100	ug/L	88				61	104	
	Fluorene	50000	44600	ug/L	89				64	107	
	4-Nitroaniline	50000	46100	ug/L	92				69	112	
	4,6-Dinitro-2-methylphenol	50000	49300	ug/L	99				62	132	
	N-Nitrosodiphenylamine	50000	45100	ug/L	90				61	109	
	Azobenzene	50000	45500	ug/L	91				59	106	
	4-Bromophenyl-phenylether	50000	46100	ug/L	92				73	103	
	Hexachlorobenzene	50000	47600	ug/L	95				73	106	
	Atrazine	50000	48500	ug/L	97				76	120	
	Pentachlorophenol	100000	93300	ug/L	93				47	114	
	Phenanthrene	50000	44600	ug/L	89				62	109	
	Anthracene	50000	45100	ug/L	90				65	110	
	Carbazole	50000	46100	ug/L	92				62	106	
	Di-n-butylphthalate	50000	46800	ug/L	94				64	106	
	Fluoranthene	50000	45100	ug/L	90				64	110	
	Benzidine	100000	39300	ug/L	39				10	94	
	Pyrene	50000	45700	ug/L	91				71	103	
	Butylbenzylphthalate	50000	49200	ug/L	98				61	105	
	3,3-Dichlorobenzidine	50000	26900	ug/L	54				43	108	
	Benzo(a)anthracene	50000	46600	ug/L	93				62	107	
	Chrysene	50000	46600	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50000	47800	ug/L	96				59	110	
	Di-n-octyl phthalate	50000	50200	ug/L	100				67	126	
	Benzo(b)fluoranthene	50000	49100	ug/L	98				77	113	
	Benzo(k)fluoranthene	50000	47500	ug/L	95				64	113	
	Benzo(a)pyrene	50000	47300	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50000	50100	ug/L	100				72	105	



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-04	Dibenz(a,h)anthracene	50000	48000	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50000	46600	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	44800	ug/L	90				72	101	
	1,4-Dioxane	50000	34300	ug/L	69				38	125	
	2,3,4,6-Tetrachlorophenol	50000	48400	ug/L	97				63	116	
	1-Methylnaphthalene	50000	43300	ug/L	87				51	114	



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

SDG No.: BG031424

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159572BS	n-Nitrosodimethylamine	50	41.8	ug/L	84				55	108	
	Pyridine	50	28.7	ug/L	57				29	97	
	Benzaldehyde	50	0	ug/L	0		*		15	121	
	Aniline	50	23.8	ug/L	48				10	130	
	Phenol	50	49.3	ug/L	99				66	118	
	bis(2-Chloroethyl)ether	50	43.1	ug/L	86				62	103	
	2-Chlorophenol	50	49.2	ug/L	98				70	117	
	1,2-Dichlorobenzene	50	45.1	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	44.9	ug/L	90				71	103	
	1,4-Dichlorobenzene	50	45.7	ug/L	91				76	103	
	Benzyl Alcohol	50	45.2	ug/L	90				36	93	
	2-Methylphenol	50	45.6	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.7	ug/L	85				52	103	
	Acetophenone	50	45.6	ug/L	91				60	104	
	3+4-Methylphenols	50	45.1	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86				57	107	
	Hexachloroethane	50	45.5	ug/L	91				76	118	
	Nitrobenzene	50	44.1	ug/L	88				58	106	
	Isophorone	50	44.4	ug/L	89				61	102	
	2-Nitrophenol	50	43.6	ug/L	87				70	115	
	2,4-Dimethylphenol	50	40.1	ug/L	80				67	130	
	bis(2-Chloroethoxy)methane	50	44.1	ug/L	88				58	109	
	2,4-Dichlorophenol	50	48.7	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50	44.6	ug/L	89				41	115	
	Benzoic acid	50	43.8	ug/L	88				10	125	
	Naphthalene	50	43.1	ug/L	86				64	107	
	4-Chloroaniline	50	11.9	ug/L	24				10	85	
	Hexachlorobutadiene	50	42.1	ug/L	84				69	101	
	Caprolactam	50	47.6	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50	46.7	ug/L	93				65	114	
	2-Methylnaphthalene	50	41.5	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100	98.6	ug/L	99				36	160	
	2,4,6-Trichlorophenol	50	48.8	ug/L	98				61	110	
	2,4,5-Trichlorophenol	50	43.7	ug/L	87				70	106	
	1,1-Biphenyl	50	46.5	ug/L	93				72	98	
	2-Chloronaphthalene	50	46.5	ug/L	93				59	106	
	2-Nitroaniline	50	47.3	ug/L	95				58	107	
	Dimethylphthalate	50	44.9	ug/L	90				64	103	
	Acenaphthylene	50	47.6	ug/L	95				65	108	
	2,6-Dinitrotoluene	50	47.3	ug/L	95				64	110	
	3-Nitroaniline	50	23.9	ug/L	48				28	100	
	Acenaphthene	50	44.2	ug/L	88				59	113	
	Total PAH	800	731.3	ug/L	91				59	113	
	2,4-Dinitrophenol	100	90.3	ug/L	90				64	132	
	4-Nitrophenol	100	99.4	ug/L	99				68	116	
	Dibenzofuran	50	44.5	ug/L	89				65	106	



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159572BS	2,4-Dinitrotoluene	50	49.7	ug/L	99				60	115		
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	97	ug/L	97				60	115		
	Diethylphthalate	50	44.4	ug/L	89				63	105		
	4-Chlorophenyl-phenylether	50	43.9	ug/L	88				61	104		
	Fluorene	50	45.2	ug/L	90				64	107		
	4-Nitroaniline	50	44.6	ug/L	89				69	112		
	4,6-Dinitro-2-methylphenol	50	40.8	ug/L	82				62	132		
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				61	109		
	Azobenzene	50	44.4	ug/L	89				59	106		
	4-Bromophenyl-phenylether	50	42.1	ug/L	84				73	103		
	Hexachlorobenzene	50	45.6	ug/L	91				73	106		
	Atrazine	50	46.5	ug/L	93				76	120		
	Pentachlorophenol	100	88.3	ug/L	88				47	114		
	Phenanthrene	50	43.7	ug/L	87				62	109		
	Anthracene	50	43.5	ug/L	87				65	110		
	Carbazole	50	44.3	ug/L	89				62	106		
	Di-n-butylphthalate	50	45.1	ug/L	90				64	106		
	Fluoranthene	50	44.2	ug/L	88				64	110		
	Benzidine	100	19.8	ug/L	20				10	94		
	Pyrene	50	44.9	ug/L	90				71	103		
	Butylbenzylphthalate	50	47.1	ug/L	94				61	105		
	3,3-Dichlorobenzidine	50	26	ug/L	52				43	108		
	Benzo(a)anthracene	50	44.7	ug/L	89				62	107		
	Chrysene	50	43.7	ug/L	87				61	108		
	bis(2-Ethylhexyl)phthalate	50	47.3	ug/L	95				59	110		
	Di-n-octyl phthalate	50	48.6	ug/L	97				67	126		
	Benzo(b)fluoranthene	50	49.6	ug/L	99				77	113		
	Benzo(k)fluoranthene	50	46.9	ug/L	94				64	113		
	Benzo(a)pyrene	50	44.9	ug/L	90				72	131		
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				72	105		
	Dibenz(a,h)anthracene	50	48.8	ug/L	98				78	115		
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				75	118		
	1,2,4,5-Tetrachlorobenzene	50	47.3	ug/L	95				72	101		
	1,4-Dioxane	50	34.5	ug/L	69				38	125		
	2,3,4,6-Tetrachlorophenol	50	47.4	ug/L	95				63	116		
	1-Methylnaphthalene	50	43.5	ug/L	87				51	114		



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159586BS	n-Nitrosodimethylamine	50	42	ug/L	84				55	108	
	Pyridine	50	29.8	ug/L	60				29	97	
	Benzaldehyde	50	47.7	ug/L	95				15	121	
	Aniline	50	24.8	ug/L	50				10	130	
	Phenol	50	50.3	ug/L	101				66	118	
	bis(2-Chloroethyl)ether	50	45	ug/L	90				62	103	
	2-Chlorophenol	50	51.2	ug/L	102				70	117	
	1,2-Dichlorobenzene	50	45.1	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	45.2	ug/L	90				71	103	
	1,4-Dichlorobenzene	50	46.6	ug/L	93				76	103	
	Benzyl Alcohol	50	46.2	ug/L	92				36	93	
	2-Methylphenol	50	45.2	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50	44	ug/L	88				52	103	
	Acetophenone	50	43.9	ug/L	88				60	104	
	3+4-Methylphenols	50	45.6	ug/L	91				67	106	
	N-Nitroso-di-n-propylamine	50	44.6	ug/L	89				57	107	
	Hexachloroethane	50	46	ug/L	92				76	118	
	Nitrobenzene	50	44.6	ug/L	89				58	106	
	Isophorone	50	44.7	ug/L	89				61	102	
	2-Nitrophenol	50	46.1	ug/L	92				70	115	
	2,4-Dimethylphenol	50	39.7	ug/L	79				67	130	
	bis(2-Chloroethoxy)methane	50	44.8	ug/L	90				58	109	
	2,4-Dichlorophenol	50	49.4	ug/L	99				66	115	
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90				41	115	
	Benzoic acid	50	46.3	ug/L	93				10	125	
	Naphthalene	50	43.6	ug/L	87				64	107	
	4-Chloroaniline	50	14.9	ug/L	30				10	85	
	Hexachlorobutadiene	50	43.3	ug/L	87				69	101	
	Caprolactam	50	46.6	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	47	ug/L	94				65	114	
	2-Methylnaphthalene	50	42.7	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	100	ug/L	100				36	160	
	2,4,6-Trichlorophenol	50	49.7	ug/L	99				61	110	
	2,4,5-Trichlorophenol	50	44.4	ug/L	89				70	106	
	1,1-Biphenyl	50	46.2	ug/L	92				72	98	
	2-Chloronaphthalene	50	47.6	ug/L	95				59	106	
	2-Nitroaniline	50	49.3	ug/L	99				58	107	
	Dimethylphthalate	50	45.9	ug/L	92				64	103	
	Acenaphthylene	50	48.4	ug/L	97				65	108	
	2,6-Dinitrotoluene	50	50.2	ug/L	100				64	110	
	3-Nitroaniline	50	30.7	ug/L	61				28	100	
	Acenaphthene	50	44.6	ug/L	89				59	113	
	Total PAH	800	742	ug/L	93				59	113	
	2,4-Dinitrophenol	100	98.9	ug/L	99				64	132	
	4-Nitrophenol	100	100	ug/L	100				68	116	
	Dibenzofuran	50	44.8	ug/L	90				65	106	



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159586BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100	103.3	ug/L	103					60	115	
	2,4-Dinitrotoluene	50	53.1	ug/L	106					60	115	
	Diethylphthalate	50	45.5	ug/L	91					63	105	
	4-Chlorophenyl-phenylether	50	44.3	ug/L	89					61	104	
	Fluorene	50	45.5	ug/L	91					64	107	
	4-Nitroaniline	50	46.7	ug/L	93					69	112	
	4,6-Dinitro-2-methylphenol	50	47.2	ug/L	94					62	132	
	N-Nitrosodiphenylamine	50	43.9	ug/L	88					61	109	
	Azobenzene	50	45	ug/L	90					59	106	
	4-Bromophenyl-phenylether	50	44.6	ug/L	89					73	103	
	Hexachlorobenzene	50	46.8	ug/L	94					73	106	
	Atrazine	50	40.6	ug/L	81					76	120	
	Pentachlorophenol	100	91.1	ug/L	91					47	114	
	Phenanthrene	50	43.6	ug/L	87					62	109	
	Anthracene	50	43.9	ug/L	88					65	110	
	Carbazole	50	45.1	ug/L	90					62	106	
	Di-n-butylphthalate	50	45.4	ug/L	91					64	106	
	Fluoranthene	50	43.8	ug/L	88					64	110	
	Benzidine	100	28.7	ug/L	29					10	94	
	Pyrene	50	44.3	ug/L	89					71	103	
	Butylbenzylphthalate	50	48.1	ug/L	96					61	105	
	3,3-Dichlorobenzidine	50	33.8	ug/L	68					43	108	
	Benzo(a)anthracene	50	45.4	ug/L	91					62	107	
	Chrysene	50	43.9	ug/L	88					61	108	
	bis(2-Ethylhexyl)phthalate	50	47.7	ug/L	95					59	110	
	Di-n-octyl phthalate	50	49.2	ug/L	98					67	126	
	Benzo(b)fluoranthene	50	51.2	ug/L	102					77	113	
	Benzo(k)fluoranthene	50	48.5	ug/L	97					64	113	
	Benzo(a)pyrene	50	47.2	ug/L	94					72	131	
	Indeno(1,2,3-cd)pyrene	50	50.7	ug/L	101					72	105	
	Dibenz(a,h)anthracene	50	49.4	ug/L	99					78	115	
	Benzo(g,h,i)perylene	50	48	ug/L	96					75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.3	ug/L	93					72	101	
	1,4-Dioxane	50	33.6	ug/L	67					38	125	
	2,3,4,6-Tetrachlorophenol	50	48.5	ug/L	97					63	116	
	1-Methylnaphthalene	50	43.2	ug/L	86					51	114	
PB159586BSD	n-Nitrosodimethylamine	50	42	ug/L	84	0				55	108	20
	Pyridine	50	29.3	ug/L	59	2				29	97	20
	Benzaldehyde	50	47.5	ug/L	95	0				15	121	20
	Aniline	50	23.9	ug/L	48	4				10	130	20
	Phenol	50	49.9	ug/L	100	1				66	118	20
	bis(2-Chloroethyl)ether	50	43	ug/L	86	5				62	103	20
	2-Chlorophenol	50	50.6	ug/L	101	1				70	117	20
	1,2-Dichlorobenzene	50	44.5	ug/L	89	1				72	102	20
	1,3-Dichlorobenzene	50	44.1	ug/L	88	2				71	103	20
	1,4-Dichlorobenzene	50	45	ug/L	90	3				76	103	20



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159586BSD	Benzyl Alcohol	50	45.5	ug/L	91	2			36	93	20
	2-Methylphenol	50	45.1	ug/L	90	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	42.8	ug/L	86	3			52	103	20
	Acetophenone	50	42.9	ug/L	86	2			60	104	20
	3+4-Methylphenols	50	45.3	ug/L	91	1			67	106	20
	N-Nitroso-di-n-propylamine	50	43.2	ug/L	86	3			57	107	20
	Hexachloroethane	50	45.3	ug/L	91	2			76	118	20
	Nitrobenzene	50	43.5	ug/L	87	2			58	106	20
	Isophorone	50	43.4	ug/L	87	3			61	102	20
	2-Nitrophenol	50	46.8	ug/L	94	2			70	115	20
	2,4-Dimethylphenol	50	39	ug/L	78	2			67	130	20
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	3			58	109	20
	2,4-Dichlorophenol	50	48.1	ug/L	96	3			66	115	20
	1,2,4-Trichlorobenzene	50	43.8	ug/L	88	2			41	115	20
	Benzoic acid	50	49	ug/L	98	6			10	125	20
	Naphthalene	50	42.4	ug/L	85	3			64	107	20
	4-Chloroaniline	50	14.6	ug/L	29	2			10	85	20
	Hexachlorobutadiene	50	42.7	ug/L	85	1			69	101	20
	Caprolactam	50	46.1	ug/L	92	1			58	128	20
	4-Chloro-3-methylphenol	50	46.1	ug/L	92	2			65	114	20
	2-Methylnaphthalene	50	41.1	ug/L	82	4			64	107	20
	Hexachlorocyclopentadiene	100	100	ug/L	100	0			36	160	20
	2,4,6-Trichlorophenol	50	48.9	ug/L	98	2			61	110	20
	2,4,5-Trichlorophenol	50	43.8	ug/L	88	1			70	106	20
	1,1-Biphenyl	50	45	ug/L	90	3			72	98	20
	2-Chloronaphthalene	50	46	ug/L	92	3			59	106	20
	2-Nitroaniline	50	48.9	ug/L	98	1			58	107	20
	Dimethylphthalate	50	44.6	ug/L	89	3			64	103	20
	Acenaphthylene	50	47.2	ug/L	94	3			65	108	20
	2,6-Dinitrotoluene	50	49.8	ug/L	100	1			64	110	20
	3-Nitroaniline	50	28.9	ug/L	58	6			28	100	20
	Acenaphthene	50	44.2	ug/L	88	1			59	113	20
	Total PAH	800	728.2	ug/L	91	2			59	113	20
	2,4-Dinitrophenol	100	99.5	ug/L	100	1			64	132	20
	4-Nitrophenol	100	100	ug/L	100	0			68	116	20
	Dibenzofuran	50	44.3	ug/L	89	1			65	106	20
	2,4-Dinitrotoluene	50	51.9	ug/L	104	2			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	101.7	ug/L	102	2			60	115	20
	Diethylphthalate	50	44.6	ug/L	89	2			63	105	20
	4-Chlorophenyl-phenylether	50	44	ug/L	88	1			61	104	20
	Fluorene	50	44.9	ug/L	90	1			64	107	20
	4-Nitroaniline	50	46.1	ug/L	92	1			69	112	20
	4,6-Dinitro-2-methylphenol	50	47.1	ug/L	94	0			62	132	20
	N-Nitrosodiphenylamine	50	43.1	ug/L	86	2			61	109	20
	Azobenzene	50	44.4	ug/L	89	1			59	106	20
	4-Bromophenyl-phenylether	50	42.7	ug/L	85	4			73	103	20



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

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits	
							Qual	Qual	Low	High
PB159586BSD	Hexachlorobenzene	50	45.1	ug/L	90	4			73	106
	Atrazine	50	40.4	ug/L	81	0			76	120
	Pentachlorophenol	100	88.7	ug/L	89	3			47	114
	Phenanthrene	50	43	ug/L	86	1			62	109
	Anthracene	50	42.7	ug/L	85	3			65	110
	Carbazole	50	43.8	ug/L	88	3			62	106
	Di-n-butylphthalate	50	44.6	ug/L	89	2			64	106
	Fluoranthene	50	43.1	ug/L	86	2			64	110
	Benzidine	100	27.6	ug/L	28	4			10	94
	Pyrene	50	44.2	ug/L	88	0			71	103
	Butylbenzylphthalate	50	47.8	ug/L	96	1			61	105
	3,3-Dichlorobenzidine	50	32.7	ug/L	65	3			43	108
	Benzo(a)anthracene	50	44.6	ug/L	89	2			62	107
	Chrysene	50	43.4	ug/L	87	1			61	108
	bis(2-Ethylhexyl)phthalate	50	47.4	ug/L	95	1			59	110
	Di-n-octyl phthalate	50	48.8	ug/L	98	1			67	126
	Benzo(b)fluoranthene	50	49.5	ug/L	99	3			77	113
	Benzo(k)fluoranthene	50	47.5	ug/L	95	2			64	113
	Benzo(a)pyrene	50	46	ug/L	92	3			72	131
	Indeno(1,2,3-cd)pyrene	50	49.7	ug/L	99	2			72	105
	Dibenz(a,h)anthracene	50	48.4	ug/L	97	2			78	115
	Benzo(g,h,i)perylene	50	47.4	ug/L	95	1			75	118
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	1			72	101
	1,4-Dioxane	50	33.1	ug/L	66	1			38	125
	2,3,4,6-Tetrachlorophenol	50	47.5	ug/L	95	2			63	116
	1-Methylnaphthalene	50	42.2	ug/L	84	2			51	114



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

IDOC-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031424SAS No.: BG031424 SDG NO.: BG031424Lab File ID: BG060637.DLab Sample ID: IDOC-01Instrument ID: BNA_G

Date Extracted: _____

Matrix: (soil/water) WaterDate Analyzed: 03/14/2024Level: (low/med) LOWTime Analyzed: 13:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
IDOC-01	IDOC-01	BG060637.D	03/14/2024
IDOC-02	IDOC-02	BG060638.D	03/14/2024
IDOC-03	IDOC-03	BG060639.D	03/14/2024
IDOC-04	IDOC-04	BG060640.D	03/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159549BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031424

SAS No.: BG031424 SDG NO.: BG031424

Lab File ID: BG060636.D

Lab Sample ID: PB159549BL

Instrument ID: BNA_G

Date Extracted: 03/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 03/14/2024

Level: (low/med) LOW

Time Analyzed: 13:09

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.

PB159572BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031424SAS No.: BG031424 SDG NO.: BG031424Lab File ID: BG060633.DLab Sample ID: PB159572BLInstrument ID: BNA_GDate Extracted: 03/13/2024Matrix: (soil/water) waterDate Analyzed: 03/14/2024Level: (low/med) LOWTime Analyzed: 11:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159572BS	PB159572BS	BG060634.D	03/14/2024
PB159530TB	PB159530TB	BG060635.D	03/14/2024
WC-3	P1733-12	BG060641.D	03/14/2024
WC-2	P1733-08	BG060642.D	03/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SB-01-4.0-6.0-DUP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031424SAS No.: BG031424 SDG NO.: BG031424Lab File ID: BG060656.DLab Sample ID: P1746-03Instrument ID: BNA_GDate Extracted: 03/14/2024Matrix: (soil/water) SolidDate Analyzed: 03/15/2024Level: (low/med) LOWTime Analyzed: 03:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SB-01-4.0-6.0-DUP	P1746-03	BG060656.D	03/15/2024
SB-01-4.0-6.0-DUPMS	P1746-03MS	BG060657.D	03/15/2024
SB-01-4.0-6.0-DUPMSD	P1746-03MSD	BG060658.D	03/15/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159586BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031424SAS No.: BG031424 SDG NO.: BG031424Lab File ID: BG060650.DLab Sample ID: PB159586BLInstrument ID: BNA_GDate Extracted: 03/14/2024Matrix: (soil/water) WaterDate Analyzed: 03/14/2024Level: (low/med) LOWTime Analyzed: 23:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159586BS	PB159586BS	BG060651.D	03/15/2024
PB159586BSD	PB159586BSD	BG060652.D	03/15/2024
MW-2A	P1749-02	BG060653.D	03/15/2024
MW-2	P1749-03	BG060654.D	03/15/2024
MW-4	P1749-04	BG060655.D	03/15/2024
MW-01	P1747-01	BG060643.D	03/14/2024
MW-01-DUP	P1747-02	BG060644.D	03/14/2024
MW-02	P1747-04	BG060645.D	03/14/2024
MW-04	P1747-05	BG060646.D	03/14/2024
MW-1	P1749-01	BG060647.D	03/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

		Sample					Rec	RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	P1746-03MS	Client Sample ID:	SB-01-4.0-6.0-DUPMS					DataFile:	BG060657.D		
n-Nitrosodimethylamine	1800		1600	ug/Kg	89				66	124	
Pyridine	1800		1200	ug/Kg	67				45	119	
Benzaldehyde	1800		750	ug/Kg	42				26	163	
Aniline	1800		1300	ug/Kg	72				10	88	
Phenol	1800		1900	ug/Kg	106				67	126	
bis(2-Chloroethyl)ether	1800		1600	ug/Kg	89				74	116	
2-Chlorophenol	1800		1800	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1800		1700	ug/Kg	94				61	105	
1,3-Dichlorobenzene	1800		1700	ug/Kg	94				62	101	
1,4-Dichlorobenzene	1800		1700	ug/Kg	94				63	104	
Benzyl Alcohol	1800		1700	ug/Kg	94				47	126	
2-Methylphenol	1800		1700	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1800		1600	ug/Kg	89				52	115	
Acetophenone	1800		1600	ug/Kg	89				75	111	
3+4-Methylphenols	1800		1700	ug/Kg	94				53	132	
N-Nitroso-di-n-propylamine	1800		1600	ug/Kg	89				59	119	
Hexachloroethane	1800		1700	ug/Kg	94				65	117	
Nitrobenzene	1800		1600	ug/Kg	89				70	119	
Isophorone	1800		1600	ug/Kg	89				76	122	
2-Nitrophenol	1800		1800	ug/Kg	100				54	145	
2,4-Dimethylphenol	1800		1400	ug/Kg	78	*			83	144	
bis(2-Chloroethoxy)methane	1800		1600	ug/Kg	89				68	112	
2,4-Dichlorophenol	1800		1800	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94				57	103	
Benzoic acid	1800		1700	ug/Kg	94				50	104	
Naphthalene	1800		1600	ug/Kg	89				72	110	
4-Chloroaniline	1800		930	ug/Kg	52				10	100	
Hexachlorobutadiene	1800		1600	ug/Kg	89				66	114	
Caprolactam	1800		1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800		1700	ug/Kg	94				57	132	
2-Methylnaphthalene	1800		1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3600		3700	ug/Kg	103				10	175	
2,4,6-Trichlorophenol	1800		1800	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1800		1600	ug/Kg	89				72	117	
1,1-Biphenyl	1800		1600	ug/Kg	89				75	113	
2-Chloronaphthalene	1800		1700	ug/Kg	94				67	118	
2-Nitroaniline	1800		1800	ug/Kg	100				69	127	
Dimethylphthalate	1800		1600	ug/Kg	89				70	113	
Acenaphthylene	1800		1700	ug/Kg	94				79	118	
2,6-Dinitrotoluene	1800		1800	ug/Kg	100				70	125	
3-Nitroaniline	1800		1300	ug/Kg	72				20	111	
Acenaphthene	1800		1600	ug/Kg	89				70	121	
Total PAH	28800		26600	ug/Kg	92				70	121	
2,4-Dinitrophenol	3600		3500	ug/Kg	97				16	160	
4-Nitrophenol	3600		3500	ug/Kg	97				45	133	
Dibenzofuran	1800		1600	ug/Kg	89				72	110	
2,4-Dinitrotoluene	1800		1800	ug/Kg	100				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3600	ug/Kg	100				55	128	
Diethylphthalate	1800		1600	ug/Kg	89				70	112	
4-Chlorophenyl-phenylether	1800		1600	ug/Kg	89				71	108	
Fluorene	1800		1600	ug/Kg	89				68	116	
4-Nitroaniline	1800		1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800		1900	ug/Kg	106				32	145	
N-Nitrosodiphenylamine	1800		1700	ug/Kg	94				73	118	
Azobenzene	1800		1600	ug/Kg	89				73	110	
4-Bromophenyl-phenylether	1800		1800	ug/Kg	100				65	121	
Hexachlorobenzene	1800		1800	ug/Kg	100				67	118	
Atrazine	1800		1700	ug/Kg	94				79	127	
Pentachlorophenol	3600		3400	ug/Kg	94				47	128	
Phenanthrene	1800		1600	ug/Kg	89				72	113	
Anthracene	1800		1600	ug/Kg	89				62	124	
Carbazole	1800		1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800		1700	ug/Kg	94				69	118	
Fluoranthene	1800		1600	ug/Kg	89				59	125	
Benzidine	3600		3000	ug/Kg	83				10	119	
Pyrene	1800		1600	ug/Kg	89				52	128	
Butylbenzylphthalate	1800		1800	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1800		1200	ug/Kg	67				10	164	
Benzo(a)anthracene	1800		1700	ug/Kg	94				71	114	
Chrysene	1800		1600	ug/Kg	89				57	121	
bis(2-Ethylhexyl)phthalate	1800		1800	ug/Kg	100				66	127	
Di-n-octyl phthalate	1800		1800	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1800		1800	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1800		1700	ug/Kg	94				74	114	
Benzo(a)pyrene	1800		1700	ug/Kg	94				70	142	
Indeno(1,2,3-cd)pyrene	1800		1800	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1800		1700	ug/Kg	94				67	130	
Benzo(g,h,i)perylene	1800		1700	ug/Kg	94				53	140	
1,2,4,5-Tetrachlorobenzene	1800		1700	ug/Kg	94				69	124	
1,4-Dioxane	1800		1300	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94				56	133	
1-Methylnaphthalene	1800		1600	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1746-03MSD	Client Sample ID:	SB-01-4.0-6.0-DUPMSD					DataFile:	BG060658.D		
n-Nitrosodimethylamine	1800		1800	ug/Kg	100		12		66	124	20
Pyridine	1800		1300	ug/Kg	72		7		45	119	20
Benzaldehyde	1800		820	ug/Kg	46		9		26	163	20
Aniline	1800		1400	ug/Kg	78		8		10	88	20
Phenol	1800		2000	ug/Kg	111		5		67	126	20
bis(2-Chloroethyl)ether	1800		1800	ug/Kg	100		12		74	116	20
2-Chlorophenol	1800		2000	ug/Kg	111		10		61	138	20
1,2-Dichlorobenzene	1800		1900	ug/Kg	106	*	12		61	105	20
1,3-Dichlorobenzene	1800		1800	ug/Kg	100		6		62	101	20
1,4-Dichlorobenzene	1800		1900	ug/Kg	106	*	12		63	104	20
Benzyl Alcohol	1800		1900	ug/Kg	106		12		47	126	20
2-Methylphenol	1800		1800	ug/Kg	100		6		66	122	20
2,2-oxybis(1-Chloropropane)	1800		1800	ug/Kg	100		12		52	115	20
Acetophenone	1800		1800	ug/Kg	100		12		75	111	20
3+4-Methylphenols	1800		1800	ug/Kg	100		6		53	132	20
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100		12		59	119	20
Hexachloroethane	1800		1900	ug/Kg	106		12		65	117	20
Nitrobenzene	1800		1800	ug/Kg	100		12		70	119	20
Isophorone	1800		1800	ug/Kg	100		12		76	122	20
2-Nitrophenol	1800		2000	ug/Kg	111		10		54	145	20
2,4-Dimethylphenol	1800		1500	ug/Kg	83		6		83	144	20
bis(2-Chloroethoxy)methane	1800		1800	ug/Kg	100		12		68	112	20
2,4-Dichlorophenol	1800		2000	ug/Kg	111		10		72	118	20
1,2,4-Trichlorobenzene	1800		1800	ug/Kg	100		6		57	103	20
Benzoic acid	1800		1800	ug/Kg	100		6		50	104	20
Naphthalene	1800		1800	ug/Kg	100		12		72	110	20
4-Chloroaniline	1800		940	ug/Kg	52		0		10	100	20
Hexachlorobutadiene	1800		1800	ug/Kg	100		12		66	114	20
Caprolactam	1800		1800	ug/Kg	100		12		51	134	20
4-Chloro-3-methylphenol	1800		1900	ug/Kg	106		12		57	132	20
2-Methylnaphthalene	1800		1700	ug/Kg	94		5		59	123	20
Hexachlorocyclopentadiene	3600		4000	ug/Kg	111		7		10	175	20
2,4,6-Trichlorophenol	1800		1900	ug/Kg	106		6		72	117	20
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100		12		72	117	20
1,1-Biphenyl	1800		1800	ug/Kg	100		12		75	113	20
2-Chloronaphthalene	1800		1900	ug/Kg	106		12		67	118	20
2-Nitroaniline	1800		2000	ug/Kg	111		10		69	127	20
Dimethylphthalate	1800		1800	ug/Kg	100		12		70	113	20
Acenaphthylene	1800		1900	ug/Kg	106		12		79	118	20
2,6-Dinitrotoluene	1800		2000	ug/Kg	111		10		70	125	20
3-Nitroaniline	1800		1400	ug/Kg	78		8		20	111	20
Acenaphthene	1800		1800	ug/Kg	100		12		70	121	20
Total PAH	28800		29400	ug/Kg	102		10		70	121	20
2,4-Dinitrophenol	3600		3900	ug/Kg	108		11		16	160	20
4-Nitrophenol	3600		4000	ug/Kg	111		13		45	133	20
Dibenzofuran	1800		1800	ug/Kg	100		12		72	110	20
2,4-Dinitrotoluene	1800		2100	ug/Kg	117		16		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BG031424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		4100	ug/Kg	114		13		55	128	20
Diethylphthalate	1800		1800	ug/Kg	100		12		70	112	20
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94		5		71	108	20
Fluorene	1800		1800	ug/Kg	100		12		68	116	20
4-Nitroaniline	1800		1900	ug/Kg	106		12		55	120	20
4,6-Dinitro-2-methylphenol	1800		2100	ug/Kg	117		10		32	145	20
N-Nitrosodiphenylamine	1800		1800	ug/Kg	100		6		73	118	20
Azobenzene	1800		1800	ug/Kg	100		12		73	110	20
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106		6		65	121	20
Hexachlorobenzene	1800		1900	ug/Kg	106		6		67	118	20
Atrazine	1800		1900	ug/Kg	106		12		79	127	20
Pentachlorophenol	3600		3700	ug/Kg	103		9		47	128	20
Phenanthrene	1800		1800	ug/Kg	100		12		72	113	20
Anthracene	1800		1800	ug/Kg	100		12		62	124	20
Carbazole	1800		1800	ug/Kg	100		6		59	119	20
Di-n-butylphthalate	1800		1800	ug/Kg	100		6		69	118	20
Fluoranthene	1800		1800	ug/Kg	100		12		59	125	20
Benzidine	3600		3100	ug/Kg	86		4		10	119	20
Pyrene	1800		1800	ug/Kg	100		12		52	128	20
Butylbenzylphthalate	1800		2000	ug/Kg	111		10		64	126	20
3,3-Dichlorobenzidine	1800		1300	ug/Kg	72		7		10	164	20
Benzo(a)anthracene	1800		1800	ug/Kg	100		6		71	114	20
Chrysene	1800		1800	ug/Kg	100		12		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2000	ug/Kg	111		10		66	127	20
Di-n-octyl phthalate	1800		2100	ug/Kg	117		16		71	126	20
Benzo(b)fluoranthene	1800		1900	ug/Kg	106		6		67	121	20
Benzo(k)fluoranthene	1800		1900	ug/Kg	106		12		74	114	20
Benzo(a)pyrene	1800		1800	ug/Kg	100		6		70	142	20
Indeno(1,2,3-cd)pyrene	1800		2000	ug/Kg	111		10		61	125	20
Dibenz(a,h)anthracene	1800		1900	ug/Kg	106		12		67	130	20
Benzo(g,h,i)perylene	1800		1800	ug/Kg	100		6		53	140	20
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100		6		69	124	20
1,4-Dioxane	1800		1500	ug/Kg	83		14		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1900	ug/Kg	106		12		56	133	20
1-Methylnaphthalene	1800		1700	ug/Kg	94		5		70	130	20



Surrogate Summary

SW-846

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
IDOC-01	IDOC-01	BG060637.D	2-Fluorophenol	150	144,708.00	96472	*	10	139
			Phenol-d6	150	139,540.00	93027	*	10	134
			Nitrobenzene-d5	100	86,407.00	86407	*	49	133
			2-Fluorobiphenyl	100	84,123.00	84123	*	52	132
			2,4,6-Tribromophenol	150	138,851.00	92567	*	32	145
			Terphenyl-d14	100	87,774.00	87774	*	36	145
IDOC-02	IDOC-02	BG060638.D	2-Fluorophenol	150	136,728.00	91152	*	10	139
			Phenol-d6	150	131,306.00	87537	*	10	134
			Nitrobenzene-d5	100	83,319.00	83319	*	49	133
			2-Fluorobiphenyl	100	81,357.00	81357	*	52	132
			2,4,6-Tribromophenol	150	134,934.00	89956	*	32	145
			Terphenyl-d14	100	82,500.00	82500	*	36	145
IDOC-03	IDOC-03	BG060639.D	2-Fluorophenol	150	135,915.00	90610	*	10	139
			Phenol-d6	150	131,596.00	87731	*	10	134
			Nitrobenzene-d5	100	84,256.00	84256	*	49	133
			2-Fluorobiphenyl	100	80,865.00	80865	*	52	132
			2,4,6-Tribromophenol	150	137,154.00	91436	*	32	145
			Terphenyl-d14	100	83,089.00	83089	*	36	145
IDOC-04	IDOC-04	BG060640.D	2-Fluorophenol	150	147,837.00	98558	*	10	139
			Phenol-d6	150	141,447.00	94298	*	10	134
			Nitrobenzene-d5	100	88,579.00	88579	*	49	133
			2-Fluorobiphenyl	100	83,972.00	83972	*	52	132
			2,4,6-Tribromophenol	150	142,203.00	94802	*	32	145
			Terphenyl-d14	100	85,864.00	85864	*	36	145



Surrogate Summary
SW-846

SDG No.: BG031424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159549BL	PB159549BL	BG060636.D	2-Fluorophenol	150	131.27	88		18	112
			Phenol-d6	150	124.49	83		15	107
			Nitrobenzene-d5	100	79.32	79		18	107
			2-Fluorobiphenyl	100	76.65	77		20	109
			2,4,6-Tribromophenol	150	119.56	80		10	110
			Terphenyl-d14	100	81.21	81		14	112



Surrogate Summary

SW-846

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1733-08	WC-2	BG060642.D	2-Fluorophenol	150	104.65	70		10	139
			Phenol-d6	150	93.79	63		10	134
			Nitrobenzene-d5	100	73.35	73		49	133
			2-Fluorobiphenyl	100	68.96	69		52	132
			2,4,6-Tribromophenol	150	121.33	81		32	145
			Terphenyl-d14	100	90.68	91		36	145
P1733-12	WC-3	BG060641.D	2-Fluorophenol	150	95.28	64		10	139
			Phenol-d6	150	86.71	58		10	134
			Nitrobenzene-d5	100	69.94	70		49	133
			2-Fluorobiphenyl	100	64.47	64		52	132
			2,4,6-Tribromophenol	150	110.81	74		32	145
			Terphenyl-d14	100	80.74	81		36	145
PB159530TB	PB159530TB	BG060635.D	2-Fluorophenol	150	143.70	96		10	139
			Phenol-d6	150	138.89	93		10	134
			Nitrobenzene-d5	100	87.76	88		49	133
			2-Fluorobiphenyl	100	83.21	83		52	132
			2,4,6-Tribromophenol	150	131.78	88		32	145
			Terphenyl-d14	100	85.34	85		36	145
PB159572BL	PB159572BL	BG060633.D	2-Fluorophenol	150	134.62	90		10	139
			Phenol-d6	150	129.67	86		10	134
			Nitrobenzene-d5	100	86.46	86		49	133
			2-Fluorobiphenyl	100	85.50	85		52	132
			2,4,6-Tribromophenol	150	122.69	82		32	145
			Terphenyl-d14	100	85.12	85		36	145
PB159572BS	PB159572BS	BG060634.D	2-Fluorophenol	150	144.72	96		10	139
			Phenol-d6	150	137.23	91		10	134
			Nitrobenzene-d5	100	86.71	87		49	133
			2-Fluorobiphenyl	100	86.83	87		52	132
			2,4,6-Tribromophenol	150	137.40	92		32	145
			Terphenyl-d14	100	85.95	86		36	145



Surrogate Summary
SW-846

SDG No.: BG031424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1746-03	SB-01-4.0-6.0-DUPBG060656.D		2-Fluorophenol	150	118.10	79		18	112
			Phenol-d6	150	117.04	78		15	107
			Nitrobenzene-d5	100	70.95	71		18	107
			2-Fluorobiphenyl	100	66.91	67		20	109
			2,4,6-Tribromophenol	150	125.65	84		10	110
			Terphenyl-d14	100	68.53	69		14	112
P1746-03MS	SB-01-4.0-6.0-DUPBG060657.D		2-Fluorophenol	150	106.34	71		18	112
			Phenol-d6	150	102.85	69		15	107
			Nitrobenzene-d5	100	62.09	62		18	107
			2-Fluorobiphenyl	100	58.52	59		20	109
			2,4,6-Tribromophenol	150	107.27	72		10	110
			Terphenyl-d14	100	58.53	59		14	112
P1746-03MSD	SB-01-4.0-6.0-DUPBG060658.D		2-Fluorophenol	150	115.31	77		18	112
			Phenol-d6	150	112.60	75		15	107
			Nitrobenzene-d5	100	69.81	70		18	107
			2-Fluorobiphenyl	100	64.25	64		20	109
			2,4,6-Tribromophenol	150	119.56	80		10	110
			Terphenyl-d14	100	63.38	63		14	112

Surrogate Summary

SW-846

SDG No.: BG031424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1747-01	MW-01	BG060643.D	2-Fluorophenol	150	63.66	42		10	139
			Phenol-d6	150	38.15	25		10	134
			Nitrobenzene-d5	100	93.48	93		49	133
			2-Fluorobiphenyl	100	90.55	91		52	132
			2,4,6-Tribromophenol	150	148.61	99		32	145
			Terphenyl-d14	100	92.35	92		36	145
P1747-02	MW-01-DUP	BG060644.D	2-Fluorophenol	150	60.53	40		10	139
			Phenol-d6	150	35.67	24		10	134
			Nitrobenzene-d5	100	92.74	93		49	133
			2-Fluorobiphenyl	100	90.15	90		52	132
			2,4,6-Tribromophenol	150	137.40	92		32	145
			Terphenyl-d14	100	86.05	86		36	145
P1747-04	MW-02	BG060645.D	2-Fluorophenol	150	49.17	33		10	139
			Phenol-d6	150	28.35	19		10	134
			Nitrobenzene-d5	100	90.12	90		49	133
			2-Fluorobiphenyl	100	85.19	85		52	132
			2,4,6-Tribromophenol	150	103.15	69		32	145
			Terphenyl-d14	100	90.27	90		36	145
P1747-05	MW-04	BG060646.D	2-Fluorophenol	150	60.73	40		10	139
			Phenol-d6	150	35.42	24		10	134
			Nitrobenzene-d5	100	94.49	94		49	133
			2-Fluorobiphenyl	100	89.70	90		52	132
			2,4,6-Tribromophenol	150	125.82	84		32	145
			Terphenyl-d14	100	88.33	88		36	145
P1749-01	MW-1	BG060647.D	2-Fluorophenol	150	54.34	36		10	139
			Phenol-d6	150	31.13	21		10	134
			Nitrobenzene-d5	100	89.50	89		49	133
			2-Fluorobiphenyl	100	86.72	87		52	132
			2,4,6-Tribromophenol	150	125.24	83		32	145
			Terphenyl-d14	100	85.56	86		36	145
P1749-02	MW-2A	BG060653.D	2-Fluorophenol	150	63.99	43		10	139
			Phenol-d6	150	38.65	26		10	134
			Nitrobenzene-d5	100	93.57	94		49	133
			2-Fluorobiphenyl	100	91.44	91		52	132
			2,4,6-Tribromophenol	150	150.20	100		32	145
			Terphenyl-d14	100	88.47	88		36	145
P1749-03	MW-2	BG060654.D	2-Fluorophenol	150	53.86	36		10	139
			Phenol-d6	150	32.27	22		10	134
			Nitrobenzene-d5	100	88.65	89		49	133
			2-Fluorobiphenyl	100	84.63	85		52	132
			2,4,6-Tribromophenol	150	135.93	91		32	145
			Terphenyl-d14	100	88.70	89		36	145
P1749-04	MW-4	BG060655.D	2-Fluorophenol	150	56.55	38		10	139
			Phenol-d6	150	33.62	22		10	134
			Nitrobenzene-d5	100	87.67	88		49	133
			2-Fluorobiphenyl	100	85.27	85		52	132
			2,4,6-Tribromophenol	150	141.04	94		32	145
			Terphenyl-d14	100	86.73	87		36	145
PB159586BL	PB159586BL	BG060650.D	2-Fluorophenol	150	146.51	98		10	139
			Phenol-d6	150	137.52	92		10	134
			Nitrobenzene-d5	100	86.80	87		49	133



Surrogate Summary
SW-846

SDG No.: BG031424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159586BL	PB159586BL	BG060650.D	2-Fluorobiphenyl	100	84.88	85		52	132
			2,4,6-Tribromophenol	150	135.20	90		32	145
			Terphenyl-d14	100	86.72	87		36	145
PB159586BS	PB159586BS	BG060651.D	2-Fluorophenol	150	148.01	99		10	139
			Phenol-d6	150	139.04	93		10	134
			Nitrobenzene-d5	100	85.35	85		49	133
			2-Fluorobiphenyl	100	86.93	87		52	132
			2,4,6-Tribromophenol	150	141.16	94		32	145
			Terphenyl-d14	100	82.56	83		36	145
PB159586BSD	PB159586BSD	BG060652.D	2-Fluorophenol	150	144.34	96		10	139
			Phenol-d6	150	136.10	91		10	134
			Nitrobenzene-d5	100	84.28	84		49	133
			2-Fluorobiphenyl	100	84.11	84		52	132
			2,4,6-Tribromophenol	150	138.50	92		32	145
			Terphenyl-d14	100	82.23	82		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG031424

Lab Code: CHEM

SAS No.: BG031424 SDG NO.: BG031424

Lab File ID: BG060631.D

DFTPP Injection Date: 03/14/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	36.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.1
443	15.0 - 24.0% of mass 442	17.2 (18.6) 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
SSTDCCC040	SSTDCCC040	BG060632.D	03/14/2024	10:25
PB159572BL	PB159572BL	BG060633.D	03/14/2024	11:06
PB159572BS	PB159572BS	BG060634.D	03/14/2024	11:47
PB159530TB	PB159530TB	BG060635.D	03/14/2024	12:28
PB159549BL	PB159549BL	BG060636.D	03/14/2024	13:09
IDOC-01	IDOC-01	BG060637.D	03/14/2024	13:50
IDOC-02	IDOC-02	BG060638.D	03/14/2024	14:31
IDOC-03	IDOC-03	BG060639.D	03/14/2024	15:12
IDOC-04	IDOC-04	BG060640.D	03/14/2024	15:53
WC-3	P1733-12	BG060641.D	03/14/2024	16:33
WC-2	P1733-08	BG060642.D	03/14/2024	17:14
MW-01	P1747-01	BG060643.D	03/14/2024	17:55
MW-01-DUP	P1747-02	BG060644.D	03/14/2024	18:36
MW-02	P1747-04	BG060645.D	03/14/2024	19:17
MW-04	P1747-05	BG060646.D	03/14/2024	19:57
MW-1	P1749-01	BG060647.D	03/14/2024	20:38



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG031424

Lab Code: CHEM

SAS No.: BG031424 SDG NO.: BG031424

Lab File ID: BG060648.D

DFTPP Injection Date: 03/14/2024

Instrument ID: BNA_G

DFTPP Injection Time: 21:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.7
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	37.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91
443	15.0 - 24.0% of mass 442	17.2 (18.9) 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
SSTDCCC040	SSTDCCC040	BG060649.D	03/14/2024	22:39
PB159586BL	PB159586BL	BG060650.D	03/14/2024	23:20
PB159586BS	PB159586BS	BG060651.D	03/15/2024	00:00
PB159586BSD	PB159586BSD	BG060652.D	03/15/2024	00:41
MW-2A	P1749-02	BG060653.D	03/15/2024	01:21
MW-2	P1749-03	BG060654.D	03/15/2024	02:01
MW-4	P1749-04	BG060655.D	03/15/2024	02:42
SB-01-4.0-6.0-DUP	P1746-03	BG060656.D	03/15/2024	03:22
SB-01-4.0-6.0-DUPMS	P1746-03MS	BG060657.D	03/15/2024	04:02
SB-01-4.0-6.0-DUPMSD	P1746-03MSD	BG060658.D	03/15/2024	04:43