

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG No.: BG090624
Instrument ID: BNA_G Calibration Date/Time: 9/6/2024 12:09:14
Lab File ID: BG062673.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	0.675	0.686		1.63	
Pyridine	1.389	1.400		0.792	
2-Fluorophenol	1.157	1.107		-4.322	
Benzaldehyde	0.972	0.999		2.778	
Aniline	1.562	1.449		-7.234	
Phenol-d6	1.672	1.574		-5.861	
Phenol	1.692	1.614		-4.61	20.0
bis(2-Chloroethyl)ether	1.296	1.223		-5.633	
2-Chlorophenol	1.242	1.197		-3.623	
1,2-Dichlorobenzene	1.379	1.354		-1.813	
1,3-Dichlorobenzene	1.363	1.324		-2.861	
1,4-Dichlorobenzene	1.403	1.349		-3.849	20.0
Benzyl Alcohol	1.237	1.189		-3.88	
2-Methylphenol	1.180	1.118		-5.254	
2,2-oxybis(1-Chloropropane)	2.469	2.126		-13.892	
Acetophenone	0.540	0.503		-6.852	
3+4-Methylphenols	1.740	1.577		-9.368	
n-Nitroso-di-n-propylamine	1.317	1.142	0.050	-13.288	
Nitrobenzene-d5	0.371	0.375		1.078	
Hexachloroethane	0.526	0.480		-8.745	
Nitrobenzene	0.395	0.386		-2.278	
Isophorone	0.815	0.691		-15.215	
2-Nitrophenol	0.149	0.140		-6.04	20.0
2,4-Dimethylphenol	0.219	0.198		-9.589	
bis(2-Chloroethoxy)methane	0.436	0.402		-7.798	
2,4-Dichlorophenol	0.306	0.305		-0.327	20.0
1,2,4-Trichlorobenzene	0.362	0.367		1.381	
Benzoic acid	0.235	0.210		-10.638	
Naphthalene	0.991	0.968		-2.321	
4-Chloroaniline	0.390	0.384		-1.538	
Hexachlorobutadiene	0.253	0.265		4.743	20.0
Caprolactam	0.118	0.118		0.0	
4-Chloro-3-methylphenol	0.369	0.359		-2.71	20.0
2-Methylnaphthalene	0.769	0.727		-5.462	
Hexachlorocyclopentadiene	0.172	0.174	0.050	1.163	
2,4,6-Trichlorophenol	0.381	0.367		-3.675	20.0
2-Fluorobiphenyl	1.235	1.155		-6.478	
2,4,5-Trichlorophenol	0.432	0.424		-1.852	
1,1-Biphenyl	1.334	1.238		-7.196	

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Lab File ID: BG062673.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
2-Chloronaphthalene	1.081	1.025		-5.18	
2-Nitroaniline	0.284	0.301		5.986	
Dimethylphthalate	1.462	1.393		-4.72	
Acenaphthylene	1.601	1.569		-1.999	
2,6-Dinitrotoluene	0.277	0.301		8.664	
3-Nitroaniline	0.268	0.294		9.701	
Acenaphthene	1.001	0.980		-2.098	20.0
2,4-Dinitrophenol	0.155	0.163	0.050	5.161	
4-Nitrophenol	0.227	0.252	0.050	11.013	
Dibenzofuran	1.717	1.683		-1.98	
2,4-Dinitrotoluene	0.377	0.433		14.854	
Diethylphthalate	1.449	1.419		-2.07	
4-Chlorophenyl-phenylether	0.773	0.780		0.906	
Fluorene	1.347	1.364		1.262	
4-Nitroaniline	0.295	0.326		10.508	
4,6-Dinitro-2-methylphenol	0.089	0.094		5.618	
n-Nitrosodiphenylamine	0.481	0.467		-2.911	20.0
Azobenzene	1.361	1.318		-3.159	
2,4,6-Tribromophenol	0.281	0.303		7.829	
4-Bromophenyl-phenylether	0.206	0.205		-0.485	
Hexachlorobenzene	0.244	0.245		0.41	
Atrazine	0.163	0.167		2.454	
Pentachlorophenol	0.157	0.158		0.637	20.0
Phenanthrene	0.934	0.909		-2.677	
Anthracene	0.918	0.900		-1.961	
Carbazole	0.844	0.833		-1.303	
Di-n-butylphthalate	0.952	0.926		-2.731	
Fluoranthene	1.181	1.195		1.185	20.0
Benzidine	0.360	0.400		11.111	
Pyrene	1.271	1.198		-5.744	
Terphenyl-d14	1.009	0.929		-7.929	
Butylbenzylphthalate	0.373	0.333		-10.724	
3,3-Dichlorobenzidine	0.411	0.397		-3.406	
Benzo(a)anthracene	1.261	1.214		-3.727	
Chrysene	1.208	1.178		-2.483	
Bis(2-ethylhexyl)phthalate	0.567	0.513		-9.524	
Di-n-octyl phthalate	0.993	0.867		-12.689	20.0
Benzo(b)fluoranthene	1.105	1.081		-2.172	
Benzo(k)fluoranthene	1.081	1.062		-1.758	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG No.: BG090624

Instrument ID: BNA_G Calibration Date/Time: 9/6/2024 12:09:14

Lab File ID: BG062673.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
Benzo(a)pyrene	0.976	0.954		-2.254	20.0
Indeno(1,2,3-cd)pyrene	1.282	1.276		-0.468	
Dibenzo(a,h)anthracene	1.056	1.071		1.42	
Benzo(g,h,i)perylene	1.065	1.070		0.469	
1,2,4,5-Tetrachlorobenzene	0.601	0.579		-3.661	
1,4-Dioxane	0.482	0.488		1.245	20.0
2,3,4,6-Tetrachlorophenol	0.409	0.427		4.401	
1-Methylnaphthalene	0.772	0.721		-6.606	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163160BL	SDG No.:	BG090624
Lab Sample ID:	PB163160BL	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
BG062674.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163160

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163160BL	SDG No.:	BG090624
Lab Sample ID:	PB163160BL	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
BG062674.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163160

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163160BL	SDG No.:	BG090624
Lab Sample ID:	PB163160BL	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
BG062674.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
92-87-5	Benzidine	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	134.659		10-139		90	SPK: -150
13127-88-3	Phenol-d6	122.222		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	83.631		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.641		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163160BL	SDG No.:	BG090624
Lab Sample ID:	PB163160BL	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
BG062674.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163160

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.055		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	76.444		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70003	7.921				
1146-65-2	Naphthalene-d8	279239	10.711				
15067-26-2	Acenaphthene-d10	226938	14.548				
1517-22-2	Phenanthrene-d10	671130	17.292				
1719-03-5	Chrysene-d12	767707	21.534				
1520-96-3	Perylene-d12	857496	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.1	A			5.03	
000593-49-7	Heptacosane	2.1	J			25.706	
000646-31-1	Tetracosane	2.2	J			26.986	

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01	SDG No.:	BG090624				
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
BG062675.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42500		1000	8000	10000	ug/L
110-86-1	Pyridine	30600		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	67900		4000	8000	10000	ug/L
62-53-3	Aniline	29600		1600	4000	5000	ug/L
108-95-2	Phenol	49600		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	42300		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	47500		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	41300		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	41200		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	42200		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	45500		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	43900		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39200		1400	4000	5000	ug/L
98-86-2	Acetophenone	41100		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	42000		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36600		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	38200		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	42500		1300	4000	5000	ug/L
78-59-1	Isophorone	38700		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	45900		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	49300		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41100		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	48600		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	42900		1100	4000	5000	ug/L
65-85-0	Benzoic acid	42900		5500	8000	10000	ug/L
91-20-3	Naphthalene	42400		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	26000		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	42400		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BG090624		
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
BG062675.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47500		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	45900		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	42100		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	121300	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	47600		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	48000		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	41600		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	42000		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	52500		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	44000		930	4000	5000	ug/L
208-96-8	Acenaphthylene	47000		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	47900		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	40400		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41700		810	4000	5000	ug/L
Total PAH	Total PAH	731000		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	114500	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	111100	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	45200		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	401900		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	54000		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	45600		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45800		980	4000	5000	ug/L
86-73-7	Fluorene	45100		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	51600		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50000		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	42100		890	4000	5000	ug/L
103-33-3	Azobenzene	45100		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	42500		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	42400		1100	4000	5000	ug/L
1912-24-9	Atrazine	45300		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01	SDG No.:	BG090624				
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
BG062675.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85300	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	43700		890	4000	5000	ug/L
120-12-7	Anthracene	44400		1100	4000	5000	ug/L
86-74-8	Carbazole	43600		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	44400		1500	4000	5000	ug/L
206-44-0	Fluoranthene	44600		1300	4000	5000	ug/L
92-87-5	Benzidine	12700		4100	8000	10000	ug/L
129-00-0	Pyrene	42000		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	45000		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	37400		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	44000		940	4000	5000	ug/L
218-01-9	Chrysene	43700		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42900		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	42400		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	48000		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	48600		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	49600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49600		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	50100		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	46500		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42600		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	51500		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39400		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147947	*	10-139		98631	SPK: -150
13127-88-3	Phenol-d6	140595	*	10-134		93730	SPK: -150
4165-60-0	Nitrobenzene-d5	88931	*	49-133		88931	SPK: -100
321-60-8	2-Fluorobiphenyl	83555	*	52-132		83555	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BG090624		
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
BG062675.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152159	*	44-137		101439	SPK: -150
1718-51-0	Terphenyl-d14	83408	*	48-125		83408	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63052	7.921				
1146-65-2	Naphthalene-d8	262506	10.712				
15067-26-2	Acenaphthene-d10	221515	14.549				
1517-22-2	Phenanthrene-d10	637483	17.292				
1719-03-5	Chrysene-d12	652047	21.54				
1520-96-3	Perylene-d12	690656	24.607				

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	IDOC-02	SDG No.:	BG090624
Lab Sample ID:	IDOC-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 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
BG062676.D	1		9/6/2024 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	25000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	7400	J	4000	8000	10000	ug/L
62-53-3	Aniline	22900		1600	4000	5000	ug/L
108-95-2	Phenol	46700		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40500		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	46900		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	40200		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	40800		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	40600		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	46700		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	44800		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38700		1400	4000	5000	ug/L
98-86-2	Acetophenone	38000		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	42200		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	37600		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	38100		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	40800		1300	4000	5000	ug/L
78-59-1	Isophorone	38900		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	48000		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	48100		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39700		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	48700		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	43200		1100	4000	5000	ug/L
65-85-0	Benzoic acid	42700		5500	8000	10000	ug/L
91-20-3	Naphthalene	42000		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	24600		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	41700		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02	SDG No.:	BG090624				
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
BG062676.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45600		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	46900		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	41800		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	98600	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	46600		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	47000		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	37100		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	40100		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	52500		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	43600		930	4000	5000	ug/L
208-96-8	Acenaphthylene	45100		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	49100		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	39100		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41300		810	4000	5000	ug/L
Total PAH	Total PAH	729000		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	114500	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	101500	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	43700		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	53700		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	102800		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	44100		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43800		980	4000	5000	ug/L
86-73-7	Fluorene	43500		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	48000		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52700		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	42300		890	4000	5000	ug/L
103-33-3	Azobenzene	43800		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	42900		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	42500		1100	4000	5000	ug/L
1912-24-9	Atrazine	39100		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02	SDG No.:	BG090624				
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
BG062676.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83400	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	42300		890	4000	5000	ug/L
120-12-7	Anthracene	42900		1100	4000	5000	ug/L
86-74-8	Carbazole	42100		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	41500		1500	4000	5000	ug/L
206-44-0	Fluoranthene	41300		1300	4000	5000	ug/L
92-87-5	Benzidine	8200	J	4100	8000	10000	ug/L
129-00-0	Pyrene	39300		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	45200		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	33900		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	42600		940	4000	5000	ug/L
218-01-9	Chrysene	42300		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43000		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	42600		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	49900		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	51000		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	51900		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52000		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	52500		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	49100		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38800		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	27100		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51200		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39500		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133637	*	10-139		89091	SPK: -150
13127-88-3	Phenol-d6	121975	*	10-134		81317	SPK: -150
4165-60-0	Nitrobenzene-d5	82145	*	49-133		82145	SPK: -100
321-60-8	2-Fluorobiphenyl	75513	*	52-132		75513	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BG090624		
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
BG062676.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139084	*	44-137		92723	SPK: -150
1718-51-0	Terphenyl-d14	72490	*	48-125		72490	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85336	7.923				
1146-65-2	Naphthalene-d8	359429	10.714				
15067-26-2	Acenaphthene-d10	314474	14.551				
1517-22-2	Phenanthrene-d10	873906	17.295				
1719-03-5	Chrysene-d12	882859	21.543				
1520-96-3	Perylene-d12	874629	24.61				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG090624		
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
BG062677.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42700		1000	8000	10000	ug/L
110-86-1	Pyridine	28200		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	66300		4000	8000	10000	ug/L
62-53-3	Aniline	27700		1600	4000	5000	ug/L
108-95-2	Phenol	45800		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40000		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	47500		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	41300		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	42000		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	41700		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	45200		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	44400		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38700		1400	4000	5000	ug/L
98-86-2	Acetophenone	40600		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	41600		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35200		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	38800		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	42400		1300	4000	5000	ug/L
78-59-1	Isophorone	38500		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	48700		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	49200		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41500		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	49000		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	42900		1100	4000	5000	ug/L
65-85-0	Benzoic acid	45000		5500	8000	10000	ug/L
91-20-3	Naphthalene	41800		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	24500		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	43300		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03	SDG No.:	BG090624				
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
BG062677.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47400		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	46400		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	41900		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	123500	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	47100		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	47700		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	41200		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	41400		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	53300		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	44200		930	4000	5000	ug/L
208-96-8	Acenaphthylene	46000		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	49500		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	38200		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41600		810	4000	5000	ug/L
Total PAH	Total PAH	724100		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	116500	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	108300	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	44200		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	54300		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103800		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	45000		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44400		980	4000	5000	ug/L
86-73-7	Fluorene	44300		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	49700		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51900		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	42200		890	4000	5000	ug/L
103-33-3	Azobenzene	43900		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	42500		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	42700		1100	4000	5000	ug/L
1912-24-9	Atrazine	45500		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG090624		
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
BG062677.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86700	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	43000		890	4000	5000	ug/L
120-12-7	Anthracene	44400		1100	4000	5000	ug/L
86-74-8	Carbazole	42900		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	43400		1500	4000	5000	ug/L
206-44-0	Fluoranthene	43200		1300	4000	5000	ug/L
92-87-5	Benzidine	12400		4100	8000	10000	ug/L
129-00-0	Pyrene	40500		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	45300		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	37200		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	43200		940	4000	5000	ug/L
218-01-9	Chrysene	43500		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43000		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	42800		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	46700		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	49700		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	49600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49800		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	49900		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	46900		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43400		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	32000		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51900		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39300		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141212	*	10-139		94141	SPK: -150
13127-88-3	Phenol-d6	130227	*	10-134		86818	SPK: -150
4165-60-0	Nitrobenzene-d5	89918	*	49-133		89918	SPK: -100
321-60-8	2-Fluorobiphenyl	83343	*	52-132		83343	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BG090624		
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
BG062677.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153096	*	44-137		102064	SPK: -150
1718-51-0	Terphenyl-d14	81068	*	48-125		81068	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65601	7.923				
1146-65-2	Naphthalene-d8	267584	10.714				
15067-26-2	Acenaphthene-d10	225749	14.55				
1517-22-2	Phenanthrene-d10	637757	17.294				
1719-03-5	Chrysene-d12	658216	21.536				
1520-96-3	Perylene-d12	682743	24.609				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04	SDG No.:	BG090624				
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
BG062678.D	1		9/6/2024 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	25000		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	7500	J	4000	8000	10000	ug/L
62-53-3	Aniline	23300		1600	4000	5000	ug/L
108-95-2	Phenol	46900		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40500		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	47100		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	40100		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	39900		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	40600		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	46300		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	44000		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38400		1400	4000	5000	ug/L
98-86-2	Acetophenone	36600		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	41800		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36100		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	38500		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	42100		1300	4000	5000	ug/L
78-59-1	Isophorone	39400		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	49200		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	49200		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41400		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	49200		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	42600		1100	4000	5000	ug/L
65-85-0	Benzoic acid	43600		5500	8000	10000	ug/L
91-20-3	Naphthalene	41400		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	24100		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	42000		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04	SDG No.:	BG090624				
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
BG062678.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43700		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	46500		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	41900		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	100300	E	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	46700		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	47300		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	37600		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	40500		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	53600		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	43700		930	4000	5000	ug/L
208-96-8	Acenaphthylene	44900		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	49200		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	39400		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41000		810	4000	5000	ug/L
Total PAH	Total PAH	727500		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	114800	E	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	101300	E	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	43500		930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	102700		2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	53500		1500	4000	5000	ug/L
84-66-2	Diethylphthalate	44100		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43600		980	4000	5000	ug/L
86-73-7	Fluorene	43000		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	47800		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53500		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	42500		890	4000	5000	ug/L
103-33-3	Azobenzene	43300		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	43700		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	43500		1100	4000	5000	ug/L
1912-24-9	Atrazine	39100		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04	SDG No.:	BG090624				
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
BG062678.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83900	E	1900	8000	10000	ug/L
85-01-8	Phenanthrene	42800		890	4000	5000	ug/L
120-12-7	Anthracene	43200		1100	4000	5000	ug/L
86-74-8	Carbazole	41900		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	42900		1500	4000	5000	ug/L
206-44-0	Fluoranthene	41700		1300	4000	5000	ug/L
92-87-5	Benzidine	8400	J	4100	8000	10000	ug/L
129-00-0	Pyrene	40200		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	46500		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	35000		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	43200		940	4000	5000	ug/L
218-01-9	Chrysene	42900		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44000		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	43900		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	48900		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	50200		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	51600		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51700		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	51900		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	48900		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39500		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	27300		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51400		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	39600		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133036	*	10-139		88691	SPK: -150
13127-88-3	Phenol-d6	124447	*	10-134		82965	SPK: -150
4165-60-0	Nitrobenzene-d5	84695	*	49-133		84695	SPK: -100
321-60-8	2-Fluorobiphenyl	75255	*	52-132		75255	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04			SDG No.:	BG090624		
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
BG062678.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139755	*	44-137		93170	SPK: -150
1718-51-0	Terphenyl-d14	73764	*	48-125		73764	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87186	7.923				
1146-65-2	Naphthalene-d8	363638	10.714				
15067-26-2	Acenaphthene-d10	313908	14.551				
1517-22-2	Phenanthrene-d10	859313	17.294				
1719-03-5	Chrysene-d12	859483	21.542				
1520-96-3	Perylene-d12	871007	24.609				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BL	SDG No.:	BG090624
Lab Sample ID:	PB163179BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	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
BG062679.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

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

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BL	SDG No.:	BG090624
Lab Sample ID:	PB163179BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG062679.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	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)	169.2	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

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BL	SDG No.:	BG090624
Lab Sample ID:	PB163179BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG062679.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
92-87-5	Benzidine	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.381		18-112		92	SPK: -150
13127-88-3	Phenol-d6	114.002		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	81.476		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	80.116		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BL	SDG No.:	BG090624
Lab Sample ID:	PB163179BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG062679.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.105		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	77.885		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55324	7.915				
1146-65-2	Naphthalene-d8	220637	10.712				
15067-26-2	Acenaphthene-d10	171334	14.549				
1517-22-2	Phenanthrene-d10	510391	17.287				
1719-03-5	Chrysene-d12	612087	21.534				
1520-96-3	Perylene-d12	718074	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.024	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BS	SDG No.:	BG090624
Lab Sample ID:	PB163179BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BG062680.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1000		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	4100	E	180	270	330	ug/Kg
62-53-3	Aniline	900		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	820		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BS	SDG No.:	BG090624
Lab Sample ID:	PB163179BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG062680.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	24300		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BS	SDG No.:	BG090624
Lab Sample ID:	PB163179BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG062680.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	390		160	270	330	ug/Kg
129-00-0	Pyrene	1300		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	149.701		18-112		100	SPK: -150
13127-88-3	Phenol-d6	133.047		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	92.184		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	84.562		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163179BS	SDG No.:	BG090624
Lab Sample ID:	PB163179BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG062680.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.825		10-116		105	SPK: -150
1718-51-0	Terphenyl-d14	81.478		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61544	7.923				
1146-65-2	Naphthalene-d8	253548	10.714				
15067-26-2	Acenaphthene-d10	207808	14.55				
1517-22-2	Phenanthrene-d10	614848	17.288				
1719-03-5	Chrysene-d12	646272	21.536				
1520-96-3	Perylene-d12	684352	24.609				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.3
Sample Wt/Vol:	30.07	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
BG062681.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.6	U	97.6	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.4	U	98.4	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.4	U	97.4	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.2	U	49.2	97.7	97.7	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.2	U	92.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.3
Sample Wt/Vol:	30.07	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
BG062681.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.6	U	94.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.2	U	87.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.4	U	90.4	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.8	U	99.8	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99	U	99	160	210	ug/Kg
Total PAH	Total PAH	1605.8	U	1605.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	97.8	U	97.8	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.6	U	99.6	160	210	ug/Kg
103-33-3	Azobenzene	97.2	U	97.2	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.3	U	96.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.3
Sample Wt/Vol:	30.07	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
BG062681.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.4	U	94.4	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.1	U	98.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.8	U	99.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.5	U	98.5	160	210	ug/Kg
218-01-9	Chrysene	97.1	U	97.1	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.4	U	95.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.2	U	99.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.8	U	97.8	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.2	U	91.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.625		18-112		60	SPK: -150
13127-88-3	Phenol-d6	87.393		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	64.542		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	61.516		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.3
Sample Wt/Vol:	30.07	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
BG062681.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.52		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	58.4		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76845	7.912				
1146-65-2	Naphthalene-d8	296342	10.703				
15067-26-2	Acenaphthene-d10	220611	14.534				
1517-22-2	Phenanthrene-d10	559368	17.278				
1719-03-5	Chrysene-d12	587367	21.525				
1520-96-3	Perylene-d12	695984	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.021	
000119-61-9	Benzophenone	180	J			15.891	
000057-10-3	n-Hexadecanoic acid	520	J			18.176	
000646-31-1	Tetracosane	270	J			18.306	
007225-64-1	Heptadecane, 9-octyl-	1200	J			19.375	
000057-11-4	Octadecanoic acid	100	J			19.451	
1000308-98-5	Phthalic acid, 2-ethylhexyl isohex	110	J			19.722	
055282-14-9	Docosane, 9-butyl-	1400	J			20.221	
054833-23-7	Eicosane, 10-methyl-	1500	J			20.944	
074685-30-6	5-Eicosene, (E)-	130	J			21.196	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	110	J			21.32	
013475-75-7	Pentadecane, 8-hexyl-	1200	J			21.702	
007683-64-9	Supraene	230	J			21.878	
001560-98-1	Octacosane, 2-methyl-	1100	J			22.548	
000630-01-3	Hexacosane	590	J			23.506	
001560-88-9	Octadecane, 2-methyl-	340	J			25.956	
000629-92-5	Nonadecane	140	J			27.536	
000593-45-3	Octadecane	140	J			29.446	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062682.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.2	U	98.2	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99	U	99	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.1	U	98.1	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.5	U	49.5	98.3	98.3	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.8	U	92.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062682.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.2	U	95.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.7	U	87.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.9	U	90.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.7	U	99.7	160	210	ug/Kg
Total PAH	Total PAH	1620.5	U	1620.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.4	U	98.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.8	U	97.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97	U	97	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062682.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95	U	95	330	410	ug/Kg
85-01-8	Phenanthrene	150	J	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.7	U	98.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	160	J	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	110	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	99.2	U	99.2	160	210	ug/Kg
218-01-9	Chrysene	97.7	U	97.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.7	U	99.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	U	96	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.8	U	99.8	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.4	U	98.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.8	U	91.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.605		18-112		56	SPK: -150
13127-88-3	Phenol-d6	83.687		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.48		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	60.455		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062682.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.414		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	58.567		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76132	7.908				
1146-65-2	Naphthalene-d8	300230	10.699				
15067-26-2	Acenaphthene-d10	223177	14.535				
1517-22-2	Phenanthrene-d10	579431	17.279				
1719-03-5	Chrysene-d12	626830	21.521				
1520-96-3	Perylene-d12	736186	24.588				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.023	
000119-61-9	Benzophenone	200	J			15.893	
000057-10-3	n-Hexadecanoic acid	200	J			18.172	
010192-32-2	1-Tetracosene	110	J			21.192	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMS	SDG No.:	BG090624
Lab Sample ID:	P3857-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.05	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
BG062683.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		110	330	410	ug/Kg
110-86-1	Pyridine	1500		98.1	160	210	ug/Kg
100-52-7	Benzaldehyde	670		220	330	410	ug/Kg
62-53-3	Aniline	1500		120	160	210	ug/Kg
108-95-2	Phenol	1900		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	1900		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	1900		100	330	410	ug/Kg
95-48-7	2-Methylphenol	1800		99	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	160	210	ug/Kg
98-86-2	Acetophenone	1700		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1700		98	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		49.5	98.2	98.2	ug/Kg
67-72-1	Hexachloroethane	1800		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1800		110	160	210	ug/Kg
78-59-1	Isophorone	1700		100	160	210	ug/Kg
88-75-5	2-Nitrophenol	2200		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		92.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		100	160	210	ug/Kg
65-85-0	Benzoic acid	1600		290	330	410	ug/Kg
91-20-3	Naphthalene	1900		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	740		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2000		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMS	SDG No.:	BG090624
Lab Sample ID:	P3857-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.05	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
BG062683.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		95.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1800		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8000	E	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		87.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		90.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2200		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	1900		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2000		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1300		110	160	210	ug/Kg
83-32-9	Acenaphthene	2000		99.6	160	210	ug/Kg
Total PAH	Total PAH	32200		1609.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	E	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	4300	E	140	330	410	ug/Kg
132-64-9	Dibenzofuran	2000		100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		110	160	210	ug/Kg
84-66-2	Diethylphthalate	1800		98.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	1900		100	160	210	ug/Kg
100-01-6	4-Nitroaniline	2000		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	210	ug/Kg
103-33-3	Azobenzene	2000		97.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		96.9	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	160	210	ug/Kg
1912-24-9	Atrazine	2600		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMS	SDG No.:	BG090624
Lab Sample ID:	P3857-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.05	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
BG062683.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4100	E	94.9	330	410	ug/Kg
85-01-8	Phenanthrene	2100		100	160	210	ug/Kg
120-12-7	Anthracene	2100		100	160	210	ug/Kg
86-74-8	Carbazole	1900		98.6	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2000		100	160	210	ug/Kg
206-44-0	Fluoranthene	2000		100	160	210	ug/Kg
92-87-5	Benzidine	2700		200	330	410	ug/Kg
129-00-0	Pyrene	2000		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2100		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	2000		99.1	160	210	ug/Kg
218-01-9	Chrysene	2000		97.6	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		99.6	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		95.9	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		99.7	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		98.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1600		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		91.7	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1700		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.777		18-112		60	SPK: -150
13127-88-3	Phenol-d6	89.526		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	61.641		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	62.243		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMS	SDG No.:	BG090624
Lab Sample ID:	P3857-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062683.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.481		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	61.268		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84579	7.911				
1146-65-2	Naphthalene-d8	344103	10.702				
15067-26-2	Acenaphthene-d10	261494	14.533				
1517-22-2	Phenanthrene-d10	635719	17.283				
1719-03-5	Chrysene-d12	634972	21.525				
1520-96-3	Perylene-d12	753696	24.592				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMSD	SDG No.:	BG090624
Lab Sample ID:	P3857-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062684.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		110	330	410	ug/Kg
110-86-1	Pyridine	1500		98.2	160	210	ug/Kg
100-52-7	Benzaldehyde	660		220	330	410	ug/Kg
62-53-3	Aniline	1500		120	160	210	ug/Kg
108-95-2	Phenol	1900		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	1900		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	1900		100	330	410	ug/Kg
95-48-7	2-Methylphenol	1800		99	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	160	210	ug/Kg
98-86-2	Acetophenone	1800		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1700		98.1	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		49.5	98.3	98.3	ug/Kg
67-72-1	Hexachloroethane	1800		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1900		110	160	210	ug/Kg
78-59-1	Isophorone	1700		100	160	210	ug/Kg
88-75-5	2-Nitrophenol	2200		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		92.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		100	160	210	ug/Kg
65-85-0	Benzoic acid	1700		290	330	410	ug/Kg
91-20-3	Naphthalene	1900		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	800		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2100		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMSD	SDG No.:	BG090624
Lab Sample ID:	P3857-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062684.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		95.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8100	E	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		87.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		90.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2000		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2000		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	1900		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1400		110	160	210	ug/Kg
83-32-9	Acenaphthene	2100		99.7	160	210	ug/Kg
Total PAH	Total PAH	33300		1620.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	5400	E	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	4500	E	140	330	410	ug/Kg
132-64-9	Dibenzofuran	2100		100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4500		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		110	160	210	ug/Kg
84-66-2	Diethylphthalate	1900		98.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	160	210	ug/Kg
86-73-7	Fluorene	2000		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2100		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		100	160	210	ug/Kg
103-33-3	Azobenzene	2100		97.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		97	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	160	210	ug/Kg
1912-24-9	Atrazine	2600		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMSD	SDG No.:	BG090624
Lab Sample ID:	P3857-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062684.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4200	E	95	330	410	ug/Kg
85-01-8	Phenanthrene	2200		100	160	210	ug/Kg
120-12-7	Anthracene	2100		100	160	210	ug/Kg
86-74-8	Carbazole	2000		98.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2000		100	160	210	ug/Kg
206-44-0	Fluoranthene	2100		100	160	210	ug/Kg
92-87-5	Benzidine	2800		200	330	410	ug/Kg
129-00-0	Pyrene	2000		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2200		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	2100		99.2	160	210	ug/Kg
218-01-9	Chrysene	2100		97.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		99.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2200		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		96	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		99.8	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		98.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1600		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		91.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.03		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.774		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.152		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	64.203		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-C2-COMPMSD	SDG No.:	BG090624
Lab Sample ID:	P3857-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
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
BG062684.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.243		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	63.982		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82599	7.907				
1146-65-2	Naphthalene-d8	326548	10.698				
15067-26-2	Acenaphthene-d10	249093	14.535				
1517-22-2	Phenanthrene-d10	621734	17.278				
1719-03-5	Chrysene-d12	619672	21.526				
1520-96-3	Perylene-d12	726331	24.588				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.08	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
BG062685.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.3	U	94.3	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.8	U	97.8	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.8	U	98.8	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.6	U	98.6	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.9	U	99.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98	U	98	320	390	ug/Kg
95-48-7	2-Methylphenol	95.1	U	95.1	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.2	U	94.2	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.6	U	47.6	94.4	94.4	ug/Kg
67-72-1	Hexachloroethane	98	U	98	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.9	U	99.9	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.1	U	89.1	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.5	U	97.5	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.5	U	97.5	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.3	U	98.3	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.08	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
BG062685.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.5	U	91.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.4	U	97.4	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.3	U	84.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.3	U	87.3	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.3	U	98.3	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.4	U	96.4	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.2	U	98.2	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.7	U	95.7	150	200	ug/Kg
Total PAH	Total PAH	1561	U	1561	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.6	U	99.6	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.2	U	198.2	150	400	ug/Kg
84-66-2	Diethylphthalate	94.5	U	94.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.3	U	96.3	150	200	ug/Kg
103-33-3	Azobenzene	94	U	94	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.1	U	93.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.08	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
BG062685.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.2	U	91.2	320	390	ug/Kg
85-01-8	Phenanthrene	99.1	U	99.1	150	200	ug/Kg
120-12-7	Anthracene	99.6	U	99.6	150	200	ug/Kg
86-74-8	Carbazole	94.8	U	94.8	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.5	U	99.5	150	200	ug/Kg
206-44-0	Fluoranthene	96.4	U	96.4	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98	U	98	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.2	U	95.2	150	200	ug/Kg
218-01-9	Chrysene	93.8	U	93.8	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.7	U	95.7	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.5	U	97.5	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.2	U	92.2	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.8	U	95.8	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.5	U	94.5	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.2	U	88.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.2	U	98.2	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.901		18-112		56	SPK: -150
13127-88-3	Phenol-d6	81.023		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	59.757		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	59.038		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D1-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.08 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
BG062685.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.69		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	58.047		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81571	7.908				
1146-65-2	Naphthalene-d8	317478	10.699				
15067-26-2	Acenaphthene-d10	238399	14.529				
1517-22-2	Phenanthrene-d10	608130	17.279				
1719-03-5	Chrysene-d12	631913	21.521				
1520-96-3	Perylene-d12	733059	24.582				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.023	
000119-61-9	Benzophenone	190	J			15.887	
000057-10-3	n-Hexadecanoic acid	160	J			18.172	
074685-30-6	5-Eicosene, (E)-	110	J			21.192	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.06	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
BG062686.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	96.7	U	96.7	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.5	U	97.5	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.5	U	96.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.8	U	48.8	96.8	96.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.9	U	99.9	160	210	ug/Kg
106-47-8	4-Chloroaniline	99.9	U	99.9	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.06	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
BG062686.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.8	U	93.8	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.8	U	99.8	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.4	U	86.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.5	U	89.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.8	U	98.8	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.1	U	98.1	160	210	ug/Kg
Total PAH	Total PAH	1588.2	U	1588.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	96.9	U	96.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	160	210	ug/Kg
103-33-3	Azobenzene	96.3	U	96.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.4	U	95.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.06	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
BG062686.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.5	U	93.5	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.1	U	97.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	98.8	U	98.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.6	U	97.6	160	210	ug/Kg
218-01-9	Chrysene	96.2	U	96.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.1	U	98.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.9	U	99.9	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.5	U	94.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.2	U	98.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.4	U	90.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.135		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.913		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.842		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	62.173		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-D2-COMP	SDG No.:	BG090624
Lab Sample ID:	P3857-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.06 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
BG062686.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.9		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	58.107		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76913	7.907				
1146-65-2	Naphthalene-d8	301846	10.697				
15067-26-2	Acenaphthene-d10	227103	14.534				
1517-22-2	Phenanthrene-d10	580298	17.278				
1719-03-5	Chrysene-d12	607766	21.52				
1520-96-3	Perylene-d12	701383	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.022	
000119-61-9	Benzophenone	200	J			15.891	
000057-10-3	n-Hexadecanoic acid	140	J			18.171	
000295-48-7	Cyclopentadecane	90.3	J			21.191	

Hit Summary Sheet SW-846

SDG No.: BG090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-C1-COMP								
P3857-01	WC-C1-COMP	Solid	1,3-Benzenedicarboxylic acid, bis *	110.000	J			
P3857-01	WC-C1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P3857-01	WC-C1-COMP	Solid	5-Eicosene, (E)- *	130.000	J			
P3857-01	WC-C1-COMP	Solid	Benzophenone *	180.000	J			
P3857-01	WC-C1-COMP	Solid	Docosane, 9-butyl- *	1,400.000	J			
P3857-01	WC-C1-COMP	Solid	Eicosane, 10-methyl- *	1,500.000	J			
P3857-01	WC-C1-COMP	Solid	Heptadecane, 9-octyl- *	1,200.000	J			
P3857-01	WC-C1-COMP	Solid	Hexacosane *	590.000	J			
P3857-01	WC-C1-COMP	Solid	n-Hexadecanoic acid *	520.000	J			
P3857-01	WC-C1-COMP	Solid	Nonadecane *	140.000	J			
P3857-01	WC-C1-COMP	Solid	Octacosane, 2-methyl- *	1,100.000	J			
P3857-01	WC-C1-COMP	Solid	Octadecane *	140.000	J			
P3857-01	WC-C1-COMP	Solid	Octadecane, 2-methyl- *	340.000	J			
P3857-01	WC-C1-COMP	Solid	Octadecanoic acid *	100.000	J			
P3857-01	WC-C1-COMP	Solid	Pentadecane, 8-hexyl- *	1,200.000	J			
P3857-01	WC-C1-COMP	Solid	Phthalic acid, 2-ethylhexyl isohex *	110.000	J			
P3857-01	WC-C1-COMP	Solid	Supraene *	230.000	J			
P3857-01	WC-C1-COMP	Solid	Tetracosane *	270.000	J			
Total Tics :				9,480.00				
Total Concentration:				9,480.00				
Client ID : WC-C2-COMP								
P3857-04	WC-C2-COMP	Solid	1-Tetracosene *	110.000	J			
P3857-04	WC-C2-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	170.000	A			
P3857-04	WC-C2-COMP	Solid	Benzophenone *	200.000	J			
P3857-04	WC-C2-COMP	Solid	n-Hexadecanoic acid *	200.000	J			
Total Tics :				680.00				
P3857-04	WC-C2-COMP	Solid	Fluoranthene	160.000	J	100	210	ug/Kg
P3857-04	WC-C2-COMP	Solid	Phenanthrene	150.000	J	100	210	ug/Kg
P3857-04	WC-C2-COMP	Solid	Pyrene	110.000	J	100	210	ug/Kg
Total Svoc :				420.00				
Total Concentration:				1,100.00				
Client ID : WC-D1-COMP								
P3857-07	WC-D1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P3857-07	WC-D1-COMP	Solid	5-Eicosene, (E)- *	110.000	J			
P3857-07	WC-D1-COMP	Solid	Benzophenone *	190.000	J			
P3857-07	WC-D1-COMP	Solid	n-Hexadecanoic acid *	160.000	J			
Total Tics :				640.00				

Hit Summary Sheet SW-846

SDG No.: BG090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				640.00				
Client ID :	WC-D2-COMP							
P3857-10	WC-D2-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	230.000	A			
P3857-10	WC-D2-COMP	Solid	Benzophenone *	200.000	J			
P3857-10	WC-D2-COMP	Solid	Cyclopentadecane *	90.300	J			
P3857-10	WC-D2-COMP	Solid	n-Hexadecanoic acid *	140.000	J			
Total Tics :				660.30				
Total Concentration:				660.30				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG083024 SAS No.: BG083024 SDG No.: BG083024
Instrument ID: _____ Calibration Date(s): 8/30/2024 : _____
Calibration Time(s): 07:25 _____

LAB FILE ID:		RRF2.5 = BG062607.D			RRF005 = BG062608.D		RRF010 = BG062609.D	
		RRF020 = BG062610.D			RRF040 = BG062611.D		RRF050 = BG062612.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.650	0.711	0.704	0.700	0.635	0.675	4.4
Pyridine		1.408	1.386	1.437	1.413	1.327	1.389	2.6
2-Fluorophenol		1.175	1.159	1.234	1.187	1.093	1.157	4.3
Benzaldehyde			1.121	1.114	0.959	0.832	0.972	14.6
Aniline		1.554	1.590	1.636	1.646	1.516	1.562	4.3
Phenol-d6		1.629	1.610	1.708	1.744	1.647	1.672	2.8
Phenol		1.636	1.659	1.711	1.771	1.650	1.692	2.8
bis(2-Chloroethyl)ether		1.356	1.314	1.324	1.325	1.221	1.296	3.7
2-Chlorophenol		1.285	1.210	1.264	1.267	1.197	1.242	2.6
1,2-Dichlorobenzene		1.460	1.413	1.415	1.413	1.292	1.379	4.6
1,3-Dichlorobenzene		1.462	1.392	1.392	1.370	1.302	1.363	4.4
1,4-Dichlorobenzene		1.515	1.420	1.430	1.426	1.334	1.403	4.7
Benzyl Alcohol		1.150	1.148	1.249	1.323	1.236	1.237	5.3
2-Methylphenol		1.178	1.188	1.220	1.220	1.116	1.180	3.1
2,2-oxybis(1-Chloropropane)		2.613	2.497	2.575	2.396	2.396	2.469	4.1
Acetophenone		0.546	0.554	0.566	0.548	0.488	0.540	4.8
3+4-Methylphenols		1.619	1.680	1.809	1.804	1.750	1.740	4.0
n-Nitroso-di-n-propylamine	1.124	1.318	1.344	1.431	1.388	1.299	1.317	6.9
Nitrobenzene-d5		0.350	0.356	0.382	0.381	0.349	0.371	5.1
Hexachloroethane		0.535	0.521	0.553	0.534	0.503	0.526	3.5
Nitrobenzene		0.372	0.376	0.408	0.414	0.367	0.395	5.6
Isophorone		0.868	0.825	0.872	0.836	0.719	0.815	6.5
2-Nitrophenol		0.115	0.134	0.153	0.156	0.146	0.149	13.2
2,4-Dimethylphenol		0.198	0.219	0.227	0.228	0.203	0.219	5.9
bis(2-Chloroethoxy)methane		0.448	0.423	0.448	0.459	0.401	0.436	5.1
2,4-Dichlorophenol		0.295	0.284	0.310	0.317	0.285	0.306	6.5
1,2,4-Trichlorobenzene		0.366	0.356	0.371	0.362	0.339	0.362	4.4
Benzoic acid			0.169	0.245	0.246	0.229	0.235	14.6
Naphthalene		1.035	0.993	1.045	1.007	0.895	0.991	5.1
4-Chloroaniline		0.398	0.392	0.401	0.399	0.359	0.390	3.8
Hexachlorobutadiene		0.272	0.264	0.258	0.249	0.224	0.253	6.0
Caprolactam		0.125	0.120	0.128	0.123	0.105	0.118	7.2
4-Chloro-3-methylphenol		0.376	0.358	0.389	0.385	0.334	0.369	5.0
2-Methylnaphthalene		0.812	0.779	0.800	0.790	0.691	0.769	5.3
Hexachlorocyclopentadiene			0.129	0.157	0.180	0.178	0.172	14.4
2,4,6-Trichlorophenol		0.356	0.373	0.379	0.395	0.379	0.381	3.9

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.: BG083024 SAS No.: BG083024 SDG No.: BG083024
Instrument ID: _____ Calibration Date(s): 8/30/2024 : _____
Calibration Time(s): 07:25 _____

LAB FILE ID:		RRF2.5 = BG062607.D			RRF005 = BG062608.D		RRF010 = BG062609.D	
		RRF020 = BG062610.D			RRF040 = BG062611.D		RRF050 = BG062612.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.311	1.269	1.263	1.260	1.193	1.235	4.8
2,4,5-Trichlorophenol		0.384	0.422	0.436	0.452	0.433	0.432	5.5
1,1-Biphenyl		1.379	1.361	1.356	1.361	1.284	1.334	3.1
2-Chloronaphthalene		1.114	1.075	1.105	1.102	1.042	1.081	2.7
2-Nitroaniline		0.237	0.251	0.274	0.299	0.302	0.284	10.9
Dimethylphthalate		1.539	1.517	1.519	1.493	1.402	1.462	5.0
Acenaphthylene		1.588	1.606	1.626	1.664	1.575	1.601	2.4
2,6-Dinitrotoluene		0.236	0.248	0.274	0.298	0.288	0.277	9.1
3-Nitroaniline		0.236	0.240	0.269	0.289	0.277	0.268	8.0
Acenaphthene		1.037	1.017	1.026	1.016	0.965	1.001	3.2
2,4-Dinitrophenol			0.116	0.146	0.161	0.161	0.155	14.1
4-Nitrophenol		0.196	0.205	0.230	0.245	0.237	0.227	8.3
Dibenzofuran		1.820	1.763	1.769	1.747	1.642	1.717	4.7
2,4-Dinitrotoluene		0.329	0.341	0.372	0.399	0.397	0.377	8.3
Diethylphthalate		1.625	1.516	1.498	1.460	1.364	1.449	7.4
4-Chlorophenyl-phenylether		0.856	0.810	0.802	0.775	0.731	0.773	7.0
Fluorene		1.475	1.414	1.425	1.353	1.268	1.347	7.2
4-Nitroaniline		0.271	0.283	0.310	0.310	0.300	0.295	4.9
4,6-Dinitro-2-methylphenol			0.071	0.084	0.091	0.091	0.089	11.7
n-Nitrosodiphenylamine		0.496	0.481	0.500	0.491	0.452	0.481	3.6
Azobenzene		1.479	1.423	1.409	1.386	1.292	1.361	6.3
2,4,6-Tribromophenol		0.288	0.283	0.287	0.291	0.276	0.281	3.0
4-Bromophenyl-phenylether		0.205	0.201	0.213	0.210	0.198	0.206	2.5
Hexachlorobenzene		0.245	0.239	0.250	0.249	0.235	0.244	2.3
Atrazine		0.194	0.190	0.168	0.142	0.123	0.163	18.5
Pentachlorophenol			0.136	0.156	0.164	0.155	0.157	7.0
Phenanthrene		0.987	0.955	0.977	0.953	0.882	0.934	5.0
Anthracene		0.940	0.931	0.966	0.947	0.870	0.918	4.3
Carbazole		0.902	0.876	0.886	0.852	0.793	0.844	5.7
Di-n-butylphthalate		0.969	0.968	0.998	0.980	0.913	0.952	4.2
Fluoranthene		1.335	1.249	1.234	1.184	1.097	1.181	8.6
Benzidine		0.329	0.313	0.359	0.441	0.336	0.360	11.7
Pyrene		1.360	1.322	1.348	1.299	1.210	1.271	6.5
Terphenyl-d14		1.120	1.079	1.075	0.994	0.896	1.009	9.8
Butylbenzylphthalate		0.359	0.345	0.374	0.387	0.372	0.373	4.5
3,3-Dichlorobenzidine		0.427	0.410	0.434	0.420	0.392	0.411	4.3

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.: BG083024 SAS No.: BG083024 SDG No.: BG083024
Instrument ID: _____ Calibration Date(s): 8/30/2024 : _____
Calibration Time(s): 07:25 _____

LAB FILE ID:		RRF2.5 = BG062607.D			RRF005 = BG062608.D		RRF010 = BG062609.D	
		RRF020 = BG062610.D			RRF040 = BG062611.D		RRF050 = BG062612.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.333	1.285	1.293	1.278	1.211	1.261	4.0
Chrysene		1.289	1.224	1.259	1.221	1.152	1.208	4.8
Bis(2-ethylhexyl)phthalate		0.544	0.542	0.575	0.586	0.564	0.567	3.3
Di-n-octyl phthalate		0.927	0.928	1.000	1.032	0.999	0.993	4.9
Benzo(b)fluoranthene		1.129	1.086	1.140	1.121	1.069	1.105	2.6
Benzo(k)fluoranthene		1.136	1.081	1.102	1.110	1.019	1.081	3.7
Benzo(a)pyrene		1.004	0.971	0.994	0.993	0.941	0.976	2.4
Indeno(1,2,3-cd)pyrene		1.293	1.265	1.295	1.303	1.243	1.282	1.8
Dibenzo(a,h)anthracene		1.070	1.027	1.076	1.067	1.025	1.056	2.1
Benzo(g,h,i)perylene		1.060	1.044	1.084	1.089	1.026	1.065	2.3
1,2,4,5-Tetrachlorobenzene		0.613	0.590	0.602	0.607	0.587	0.601	1.7
1,4-Dioxane		0.584	0.511	0.530	0.472	0.419	0.482	13.0
2,3,4,6-Tetrachlorophenol		0.416	0.423	0.411	0.410	0.400	0.409	2.2
1-Methylnaphthalene		0.820	0.765	0.821	0.792	0.690	0.772	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG NO.: BG090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BG062611.D Time Analyzed: 09:56

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	59368	7.92	275915	10.72	227501	14.55
UPPER LIMIT	118736	8.42	551830	11.217	455002	15.048
LOWER LIMIT	29684	7.42	137957.5	10.217	113750.5	14.048
EPA SAMPLE NO.						
01 PB163160BL	70003	7.92	279239	10.71	226938	14.55
02 IDOC-01	63052	7.92	262506	10.71	221515	14.55
03 IDOC-02	85336	7.92	359429	10.71	314474	14.55
04 IDOC-03	65601	7.92	267584	10.71	225749	14.55
05 IDOC-04	87186	7.92	363638	10.71	313908	14.55
06 PB163179BL	55324	7.92	220637	10.71	171334	14.55
07 PB163179BS	61544	7.92	253548	10.71	207808	14.55
08 WC-C1-COMP	76845	7.91	296342	10.70	220611	14.53
09 WC-C2-COMP	76132	7.91	300230	10.70	223177	14.54
10 WC-C2-COMPMS	84579	7.91	344103	10.70	261494	14.53
11 WC-C2-COMPMSD	82599	7.91	326548	10.70	249093	14.54
12 WC-D1-COMP	81571	7.91	317478	10.70	238399	14.53
13 WC-D2-COMP	76913	7.91	301846	10.70	227103	14.53

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: CHEMTECH

Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG NO.: BG090624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BG062673.D Time Analyzed: 09:56

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	61565	7.92	263264	10.72	219918	14.55
UPPER LIMIT	123130	8.42	526528	11.217	439836	15.048
LOWER LIMIT	30782.5	7.42	131632	10.217	109959	14.048
EPA SAMPLE NO.						
01 PB163160BL	70003	7.92	279239	10.71	226938	14.55
02 IDOC-01	63052	7.92	262506	10.71	221515	14.55
03 IDOC-02	85336	7.92	359429	10.71	314474	14.55
04 IDOC-03	65601	7.92	267584	10.71	225749	14.55
05 IDOC-04	87186	7.92	363638	10.71	313908	14.55
06 PB163179BL	55324	7.92	220637	10.71	171334	14.55
07 PB163179BS	61544	7.92	253548	10.71	207808	14.55
08 WC-C1-COMP	76845	7.91	296342	10.70	220611	14.53
09 WC-C2-COMP	76132	7.91	300230	10.70	223177	14.54
10 WC-C2-COMPMS	84579	7.91	344103	10.70	261494	14.53
11 WC-C2-COMPMSD	82599	7.91	326548	10.70	249093	14.54
12 WC-D1-COMP	81571	7.91	317478	10.70	238399	14.53
13 WC-D2-COMP	76913	7.91	301846	10.70	227103	14.53

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG NO.: BG090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BG062611.D Time Analyzed: 09:56

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	574112	17.291	541813	21.534	618280	24.606
UPPER LIMIT	1148224	17.791	1083626	22.034	1236560	25.106
LOWER LIMIT	287056	16.791	270906.5	21.034	309140	24.106
EPA SAMPLE NO.						
01 PB163160BL	671130	17.29	767707	21.53	857496	24.61
02 IDOC-01	637483	17.29	652047	21.54	690656	24.61
03 IDOC-02	873906	17.30	882859	21.54	874629	24.61
04 IDOC-03	637757	17.29	658216	21.54	682743	24.61
05 IDOC-04	859313	17.29	859483	21.54	871007	24.61
06 PB163179BL	510391	17.29	612087	21.53	718074	24.61
07 PB163179BS	614848	17.29	646272	21.54	684352	24.61
08 WC-C1-COMP	559368	17.28	587367	21.53	695984	24.59
09 WC-C2-COMP	579431	17.28	626830	21.52	736186	24.59
10 WC-C2-COMPMS	635719	17.28	634972	21.53	753696	24.59
11 WC-C2-COMPMSD	621734	17.28	619672	21.53	726331	24.59
12 WC-D1-COMP	608130	17.28	631913	21.52	733059	24.58
13 WC-D2-COMP	580298	17.28	607766	21.52	701383	24.58

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG090624 SAS No.: BG090624 SDG NO.: BG090624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BG062673.D Time Analyzed: 09:56

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	581480	17.292	602824	21.539	683538	24.606
	UPPER LIMIT	1162960	17.792	1205648	22.039	1367076	25.106
	LOWER LIMIT	290740	16.792	301412	21.039	341769	24.106
	EPA SAMPLE NO.						
01	PB163160BL	671130	17.29	767707	21.53	857496	24.61
02	IDOC-01	637483	17.29	652047	21.54	690656	24.61
03	IDOC-02	873906	17.30	882859	21.54	874629	24.61
04	IDOC-03	637757	17.29	658216	21.54	682743	24.61
05	IDOC-04	859313	17.29	859483	21.54	871007	24.61
06	PB163179BL	510391	17.29	612087	21.53	718074	24.61
07	PB163179BS	614848	17.29	646272	21.54	684352	24.61
08	WC-C1-COMP	559368	17.28	587367	21.53	695984	24.59
09	WC-C2-COMP	579431	17.28	626830	21.52	736186	24.59
10	WC-C2-COMPMS	635719	17.28	634972	21.53	753696	24.59
11	WC-C2-COMPMSD	621734	17.28	619672	21.53	726331	24.59
12	WC-D1-COMP	608130	17.28	631913	21.52	733059	24.58
13	WC-D2-COMP	580298	17.28	607766	21.52	701383	24.58

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.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-01	n-Nitrosodimethylamine	50000	42500	ug/L	85				55	108	
	Pyridine	50000	30600	ug/L	61				29	97	
	Benzaldehyde	50000	67900	ug/L	136				10	162	
	Aniline	50000	29600	ug/L	59				10	130	
	Phenol	50000	49600	ug/L	99				66	118	
	bis(2-Chloroethyl)ether	50000	42300	ug/L	85				62	103	
	2-Chlorophenol	50000	47500	ug/L	95				70	117	
	1,2-Dichlorobenzene	50000	41300	ug/L	83				72	102	
	1,3-Dichlorobenzene	50000	41200	ug/L	82				71	103	
	1,4-Dichlorobenzene	50000	42200	ug/L	84				76	103	
	Benzyl Alcohol	50000	45500	ug/L	91				36	93	
	2-Methylphenol	50000	43900	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50000	39200	ug/L	78				65	100	
	Acetophenone	50000	41100	ug/L	82				60	104	
	3+4-Methylphenols	50000	42000	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50000	36600	ug/L	73				57	107	
	Hexachloroethane	50000	38200	ug/L	76				76	118	
	Nitrobenzene	50000	42500	ug/L	85				58	106	
	Isophorone	50000	38700	ug/L	77				61	102	
	2-Nitrophenol	50000	45900	ug/L	92				70	115	
	2,4-Dimethylphenol	50000	49300	ug/L	99				42	142	
	bis(2-Chloroethoxy)methane	50000	41100	ug/L	82				58	109	
	2,4-Dichlorophenol	50000	48600	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50000	42900	ug/L	86				41	115	
	Benzoic acid	50000	42900	ug/L	86				10	125	
	Naphthalene	50000	42400	ug/L	85				64	107	
	4-Chloroaniline	50000	26000	ug/L	52				10	85	
	Hexachlorobutadiene	50000	42400	ug/L	85				69	101	
	Caprolactam	50000	47500	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50000	45900	ug/L	92				65	114	
	2-Methylnaphthalene	50000	42100	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100000	121300	ug/L	121				36	160	
	2,4,6-Trichlorophenol	50000	47600	ug/L	95				61	110	
	2,4,5-Trichlorophenol	50000	48000	ug/L	96				70	106	
	1,1-Biphenyl	50000	41600	ug/L	83				72	98	
	2-Chloronaphthalene	50000	42000	ug/L	84				59	106	
	2-Nitroaniline	50000	52500	ug/L	105				73	114	
	Dimethylphthalate	50000	44000	ug/L	88				64	103	
	Acenaphthylene	50000	47000	ug/L	94				79	103	
	2,6-Dinitrotoluene	50000	47900	ug/L	96				64	110	
	3-Nitroaniline	50000	40400	ug/L	81				28	100	
	Acenaphthene	50000	41700	ug/L	83				59	113	
	Total PAH	800000	731000	ug/L	91				59	113	
	2,4-Dinitrophenol	100000	114500	ug/L	115				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG090624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-01	4-Nitrophenol	100000	111100	ug/L	111				45	147	
	Dibenzofuran	50000	45200	ug/L	90				65	106	
	2,4-Dinitrotoluene	50000	54000	ug/L	108				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	101900	ug/L	102				60	115	
	Diethylphthalate	50000	45600	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50000	45800	ug/L	92				61	104	
	Fluorene	50000	45100	ug/L	90				64	107	
	4-Nitroaniline	50000	51600	ug/L	103				55	125	
	4,6-Dinitro-2-methylphenol	50000	50000	ug/L	100				62	132	
	N-Nitrosodiphenylamine	50000	42100	ug/L	84				61	109	
	Azobenzene	50000	45100	ug/L	90				59	106	
	4-Bromophenyl-phenylether	50000	42500	ug/L	85				73	103	
	Hexachlorobenzene	50000	42400	ug/L	85				73	106	
	Atrazine	50000	45300	ug/L	91				76	120	
	Pentachlorophenol	100000	85300	ug/L	85				47	114	
	Phenanthrene	50000	43700	ug/L	87				62	109	
	Anthracene	50000	44400	ug/L	89				65	110	
	Carbazole	50000	43600	ug/L	87				62	106	
	Di-n-butylphthalate	50000	44400	ug/L	89				64	106	
	Fluoranthene	50000	44600	ug/L	89				64	110	
	Benzidine	100000	12700	ug/L	13				10	94	
	Pyrene	50000	42000	ug/L	84				71	103	
	Butylbenzylphthalate	50000	45000	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50000	37400	ug/L	75				43	108	
	Benzo(a)anthracene	50000	44000	ug/L	88				62	107	
	Chrysene	50000	43700	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50000	42900	ug/L	86				59	110	
	Di-n-octyl phthalate	50000	42400	ug/L	85				52	139	
	Benzo(b)fluoranthene	50000	48000	ug/L	96				77	113	
	Benzo(k)fluoranthene	50000	48600	ug/L	97				77	105	
	Benzo(a)pyrene	50000	49600	ug/L	99				72	131	
	Indeno(1,2,3-cd)pyrene	50000	49600	ug/L	99				72	105	
	Dibenz(a,h)anthracene	50000	50100	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50000	46500	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	42600	ug/L	85				72	101	
	1,4-Dioxane	50000	34300	ug/L	69				38	125	
	2,3,4,6-Tetrachlorophenol	50000	51500	ug/L	103				63	116	
	1-Methylnaphthalene	50000	39400	ug/L	79				51	114	
IDOC-02	n-Nitrosodimethylamine	50000	43400	ug/L	87				55	108	
	Pyridine	50000	25000	ug/L	50				29	97	
	Benzaldehyde	50000	7400	ug/L	15				10	162	
	Aniline	50000	22900	ug/L	46				10	130	
	Phenol	50000	46700	ug/L	93				66	118	
	bis(2-Chloroethyl)ether	50000	40500	ug/L	81				62	103	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
IDOC-02	2-Chlorophenol	50000	46900	ug/L	94				70	117	
	1,2-Dichlorobenzene	50000	40200	ug/L	80				72	102	
	1,3-Dichlorobenzene	50000	40800	ug/L	82				71	103	
	1,4-Dichlorobenzene	50000	40600	ug/L	81				76	103	
	Benzyl Alcohol	50000	46700	ug/L	93				36	93	
	2-Methylphenol	50000	44800	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50000	38700	ug/L	77				65	100	
	Acetophenone	50000	38000	ug/L	76				60	104	
	3+4-Methylphenols	50000	42200	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50000	37600	ug/L	75				57	107	
	Hexachloroethane	50000	38100	ug/L	76				76	118	
	Nitrobenzene	50000	40800	ug/L	82				58	106	
	Isophorone	50000	38900	ug/L	78				61	102	
	2-Nitrophenol	50000	48000	ug/L	96				70	115	
	2,4-Dimethylphenol	50000	48100	ug/L	96				42	142	
	bis(2-Chloroethoxy)methane	50000	39700	ug/L	79				58	109	
	2,4-Dichlorophenol	50000	48700	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50000	43200	ug/L	86				41	115	
	Benzoic acid	50000	42700	ug/L	85				10	125	
	Naphthalene	50000	42000	ug/L	84				64	107	
	4-Chloroaniline	50000	24600	ug/L	49				10	85	
	Hexachlorobutadiene	50000	41700	ug/L	83				69	101	
	Caprolactam	50000	45600	ug/L	91				58	128	
	4-Chloro-3-methylphenol	50000	46900	ug/L	94				65	114	
	2-Methylnaphthalene	50000	41800	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100000	98600	ug/L	99				36	160	
	2,4,6-Trichlorophenol	50000	46600	ug/L	93				61	110	
	2,4,5-Trichlorophenol	50000	47000	ug/L	94				70	106	
	1,1-Biphenyl	50000	37100	ug/L	74				72	98	
	2-Chloronaphthalene	50000	40100	ug/L	80				59	106	
	2-Nitroaniline	50000	52500	ug/L	105				73	114	
	Dimethylphthalate	50000	43600	ug/L	87				64	103	
	Acenaphthylene	50000	45100	ug/L	90				79	103	
	2,6-Dinitrotoluene	50000	49100	ug/L	98				64	110	
	3-Nitroaniline	50000	39100	ug/L	78				28	100	
	Acenaphthene	50000	41300	ug/L	83				59	113	
	Total PAH	800000	729000	ug/L	91				59	113	
	2,4-Dinitrophenol	100000	114500	ug/L	115				36	166	
	4-Nitrophenol	100000	101500	ug/L	102				45	147	
	Dibenzofuran	50000	43700	ug/L	87				65	106	
	2,4-Dinitrotoluene	50000	53700	ug/L	107				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100000	102800	ug/L	103				60	115	
	Diethylphthalate	50000	44100	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50000	43800	ug/L	88				61	104	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-02	Fluorene	50000	43500	ug/L	87				64	107	
	4-Nitroaniline	50000	48000	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50000	52700	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50000	42300	ug/L	85				61	109	
	Azobenzene	50000	43800	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50000	42900	ug/L	86				73	103	
	Hexachlorobenzene	50000	42500	ug/L	85				73	106	
	Atrazine	50000	39100	ug/L	78				76	120	
	Pentachlorophenol	100000	83400	ug/L	83				47	114	
	Phenanthrene	50000	42300	ug/L	85				62	109	
	Anthracene	50000	42900	ug/L	86				65	110	
	Carbazole	50000	42100	ug/L	84				62	106	
	Di-n-butylphthalate	50000	41500	ug/L	83				64	106	
	Fluoranthene	50000	41300	ug/L	83				64	110	
	Benzidine	100000	8200	ug/L	8		*		10	94	
	Pyrene	50000	39300	ug/L	79				71	103	
	Butylbenzylphthalate	50000	45200	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50000	33900	ug/L	68				43	108	
	Benzo(a)anthracene	50000	42600	ug/L	85				62	107	
	Chrysene	50000	42300	ug/L	85				61	108	
	bis(2-Ethylhexyl)phthalate	50000	43000	ug/L	86				59	110	
	Di-n-octyl phthalate	50000	42600	ug/L	85				52	139	
	Benzo(b)fluoranthene	50000	49900	ug/L	100				77	113	
	Benzo(k)fluoranthene	50000	51000	ug/L	102				77	105	
	Benzo(a)pyrene	50000	51900	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50000	52000	ug/L	104				72	105	
	Dibenz(a,h)anthracene	50000	52500	ug/L	105				78	115	
	Benzo(g,h,i)perylene	50000	49100	ug/L	98				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	38800	ug/L	78				72	101	
	1,4-Dioxane	50000	27100	ug/L	54				38	125	
	2,3,4,6-Tetrachlorophenol	50000	51200	ug/L	102				63	116	
	1-Methylnaphthalene	50000	39500	ug/L	79				51	114	
IDOC-03	n-Nitrosodimethylamine	50000	42700	ug/L	85				55	108	
	Pyridine	50000	28200	ug/L	56				29	97	
	Benzaldehyde	50000	66300	ug/L	133				10	162	
	Aniline	50000	27700	ug/L	55				10	130	
	Phenol	50000	45800	ug/L	92				66	118	
	bis(2-Chloroethyl)ether	50000	40000	ug/L	80				62	103	
	2-Chlorophenol	50000	47500	ug/L	95				70	117	
	1,2-Dichlorobenzene	50000	41300	ug/L	83				72	102	
	1,3-Dichlorobenzene	50000	42000	ug/L	84				71	103	
	1,4-Dichlorobenzene	50000	41700	ug/L	83				76	103	
	Benzyl Alcohol	50000	45200	ug/L	90				36	93	
	2-Methylphenol	50000	44400	ug/L	89				69	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-03	2,2-oxybis(1-Chloropropane)	50000	38700	ug/L	77				65	100	
	Acetophenone	50000	40600	ug/L	81				60	104	
	3+4-Methylphenols	50000	41600	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50000	35200	ug/L	70				57	107	
	Hexachloroethane	50000	38800	ug/L	78				76	118	
	Nitrobenzene	50000	42400	ug/L	85				58	106	
	Isophorone	50000	38500	ug/L	77				61	102	
	2-Nitrophenol	50000	48700	ug/L	97				70	115	
	2,4-Dimethylphenol	50000	49200	ug/L	98				42	142	
	bis(2-Chloroethoxy)methane	50000	41500	ug/L	83				58	109	
	2,4-Dichlorophenol	50000	49000	ug/L	98				66	115	
	1,2,4-Trichlorobenzene	50000	42900	ug/L	86				41	115	
	Benzoic acid	50000	45000	ug/L	90				10	125	
	Naphthalene	50000	41800	ug/L	84				64	107	
	4-Chloroaniline	50000	24500	ug/L	49				10	85	
	Hexachlorobutadiene	50000	43300	ug/L	87				69	101	
	Caprolactam	50000	47400	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50000	46400	ug/L	93				65	114	
	2-Methylnaphthalene	50000	41900	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100000	123500	ug/L	124				36	160	
	2,4,6-Trichlorophenol	50000	47100	ug/L	94				61	110	
	2,4,5-Trichlorophenol	50000	47700	ug/L	95				70	106	
	1,1-Biphenyl	50000	41200	ug/L	82				72	98	
	2-Chloronaphthalene	50000	41400	ug/L	83				59	106	
	2-Nitroaniline	50000	53300	ug/L	107				73	114	
	Dimethylphthalate	50000	44200	ug/L	88				64	103	
	Acenaphthylene	50000	46000	ug/L	92				79	103	
	2,6-Dinitrotoluene	50000	49500	ug/L	99				64	110	
	3-Nitroaniline	50000	38200	ug/L	76				28	100	
	Acenaphthene	50000	41600	ug/L	83				59	113	
	Total PAH	800000	724100	ug/L	91				59	113	
	2,4-Dinitrophenol	100000	116500	ug/L	117				36	166	
	4-Nitrophenol	100000	108300	ug/L	108				45	147	
	Dibenzofuran	50000	44200	ug/L	88				65	106	
2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	103800	ug/L	104				60	115		
2,4-Dinitrotoluene	50000	54300	ug/L	109				60	115		
Diethylphthalate	50000	45000	ug/L	90				63	105		
4-Chlorophenyl-phenylether	50000	44400	ug/L	89				61	104		
Fluorene	50000	44300	ug/L	89				64	107		
4-Nitroaniline	50000	49700	ug/L	99				55	125		
4,6-Dinitro-2-methylphenol	50000	51900	ug/L	104				62	132		
N-Nitrosodiphenylamine	50000	42200	ug/L	84				61	109		
Azobenzene	50000	43900	ug/L	88				59	106		
4-Bromophenyl-phenylether	50000	42500	ug/L	85				73	103		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
IDOC-03	Hexachlorobenzene	50000	42700	ug/L	85				73	106		
	Atrazine	50000	45500	ug/L	91				76	120		
	Pentachlorophenol	100000	86700	ug/L	87				47	114		
	Phenanthrene	50000	43000	ug/L	86				62	109		
	Anthracene	50000	44400	ug/L	89				65	110		
	Carbazole	50000	42900	ug/L	86				62	106		
	Di-n-butylphthalate	50000	43400	ug/L	87				64	106		
	Fluoranthene	50000	43200	ug/L	86				64	110		
	Benzidine	100000	12400	ug/L	12				10	94		
	Pyrene	50000	40500	ug/L	81				71	103		
	Butylbenzylphthalate	50000	45300	ug/L	91				61	105		
	3,3-Dichlorobenzidine	50000	37200	ug/L	74				43	108		
	Benzo(a)anthracene	50000	43200	ug/L	86				62	107		
	Chrysene	50000	43500	ug/L	87				61	108		
	bis(2-Ethylhexyl)phthalate	50000	43000	ug/L	86				59	110		
	Di-n-octyl phthalate	50000	42800	ug/L	86				52	139		
	Benzo(b)fluoranthene	50000	46700	ug/L	93				77	113		
	Benzo(k)fluoranthene	50000	49700	ug/L	99				77	105		
	Benzo(a)pyrene	50000	49600	ug/L	99				72	131		
	Indeno(1,2,3-cd)pyrene	50000	49800	ug/L	100				72	105		
	Dibenz(a,h)anthracene	50000	49900	ug/L	100				78	115		
	Benzo(g,h,i)perylene	50000	46900	ug/L	94				75	118		
	1,2,4,5-Tetrachlorobenzene	50000	43400	ug/L	87				72	101		
	1,4-Dioxane	50000	32000	ug/L	64				38	125		
	2,3,4,6-Tetrachlorophenol	50000	51900	ug/L	104				63	116		
	1-Methylnaphthalene	50000	39300	ug/L	79				51	114		
IDOC-04	n-Nitrosodimethylamine	50000	43400	ug/L	87				55	108		
	Pyridine	50000	25000	ug/L	50				29	97		
	Benzaldehyde	50000	7500	ug/L	15				10	162		
	Aniline	50000	23300	ug/L	47				10	130		
	Phenol	50000	46900	ug/L	94				66	118		
	bis(2-Chloroethyl)ether	50000	40500	ug/L	81				62	103		
	2-Chlorophenol	50000	47100	ug/L	94				70	117		
	1,2-Dichlorobenzene	50000	40100	ug/L	80				72	102		
	1,3-Dichlorobenzene	50000	39900	ug/L	80				71	103		
	1,4-Dichlorobenzene	50000	40600	ug/L	81				76	103		
	Benzyl Alcohol	50000	46300	ug/L	93				36	93		
	2-Methylphenol	50000	44000	ug/L	88				69	109		
	2,2-oxybis(1-Chloropropane)	50000	38400	ug/L	77				65	100		
	Acetophenone	50000	36600	ug/L	73				60	104		
	3+4-Methylphenols	50000	41800	ug/L	84				67	106		
	N-Nitroso-di-n-propylamine	50000	36100	ug/L	72				57	107		
	Hexachloroethane	50000	38500	ug/L	77				76	118		
	Nitrobenzene	50000	42100	ug/L	84				58	106		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
IDOC-04	Isophorone	50000	39400	ug/L	79				61	102	
	2-Nitrophenol	50000	49200	ug/L	98				70	115	
	2,4-Dimethylphenol	50000	49200	ug/L	98				42	142	
	bis(2-Chloroethoxy)methane	50000	41400	ug/L	83				58	109	
	2,4-Dichlorophenol	50000	49200	ug/L	98				66	115	
	1,2,4-Trichlorobenzene	50000	42600	ug/L	85				41	115	
	Benzoic acid	50000	43600	ug/L	87				10	125	
	Naphthalene	50000	41400	ug/L	83				64	107	
	4-Chloroaniline	50000	24100	ug/L	48				10	85	
	Hexachlorobutadiene	50000	42000	ug/L	84				69	101	
	Caprolactam	50000	43700	ug/L	87				58	128	
	4-Chloro-3-methylphenol	50000	46500	ug/L	93				65	114	
	2-Methylnaphthalene	50000	41900	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100000	100300	ug/L	100				36	160	
	2,4,6-Trichlorophenol	50000	46700	ug/L	93				61	110	
	2,4,5-Trichlorophenol	50000	47300	ug/L	95				70	106	
	1,1-Biphenyl	50000	37600	ug/L	75				72	98	
	2-Chloronaphthalene	50000	40500	ug/L	81				59	106	
	2-Nitroaniline	50000	53600	ug/L	107				73	114	
	Dimethylphthalate	50000	43700	ug/L	87				64	103	
	Acenaphthylene	50000	44900	ug/L	90				79	103	
	2,6-Dinitrotoluene	50000	49200	ug/L	98				64	110	
	3-Nitroaniline	50000	39400	ug/L	79				28	100	
	Acenaphthene	50000	41000	ug/L	82				59	113	
	Total PAH	800000	727500	ug/L	91				59	113	
	2,4-Dinitrophenol	100000	114800	ug/L	115				36	166	
	4-Nitrophenol	100000	101300	ug/L	101				45	147	
	Dibenzofuran	50000	43500	ug/L	87				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100000	102700	ug/L	103				60	115	
	2,4-Dinitrotoluene	50000	53500	ug/L	107				60	115	
	Diethylphthalate	50000	44100	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50000	43600	ug/L	87				61	104	
	Fluorene	50000	43000	ug/L	86				64	107	
	4-Nitroaniline	50000	47800	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50000	53500	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50000	42500	ug/L	85				61	109	
	Azobenzene	50000	43300	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50000	43700	ug/L	87				73	103	
	Hexachlorobenzene	50000	43500	ug/L	87				73	106	
	Atrazine	50000	39100	ug/L	78				76	120	
	Pentachlorophenol	100000	83900	ug/L	84				47	114	
	Phenanthrene	50000	42800	ug/L	86				62	109	
	Anthracene	50000	43200	ug/L	86				65	110	
	Carbazole	50000	41900	ug/L	84				62	106	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
IDOC-04	Di-n-butylphthalate	50000	42900	ug/L	86				64	106	
	Fluoranthene	50000	41700	ug/L	83				64	110	
	Benzidine	100000	8400	ug/L	8		*		10	94	
	Pyrene	50000	40200	ug/L	80				71	103	
	Butylbenzylphthalate	50000	46500	ug/L	93				61	105	
	3,3-Dichlorobenzidine	50000	35000	ug/L	70				43	108	
	Benzo(a)anthracene	50000	43200	ug/L	86				62	107	
	Chrysene	50000	42900	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50000	44000	ug/L	88				59	110	
	Di-n-octyl phthalate	50000	43900	ug/L	88				52	139	
	Benzo(b)fluoranthene	50000	48900	ug/L	98				77	113	
	Benzo(k)fluoranthene	50000	50200	ug/L	100				77	105	
	Benzo(a)pyrene	50000	51600	ug/L	103				72	131	
	Indeno(1,2,3-cd)pyrene	50000	51700	ug/L	103				72	105	
	Dibenz(a,h)anthracene	50000	51900	ug/L	104				78	115	
	Benzo(g,h,i)perylene	50000	48900	ug/L	98				75	118	
	1,2,4,5-Tetrachlorobenzene	50000	39500	ug/L	79				72	101	
	1,4-Dioxane	50000	27300	ug/L	55				38	125	
	2,3,4,6-Tetrachlorophenol	50000	51400	ug/L	103				63	116	
	1-Methylnaphthalene	50000	39600	ug/L	79				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163179BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	4100	ug/Kg	241		*		10	133	
	Aniline	1700	900	ug/Kg	53				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	820	ug/Kg	48				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	24300	ug/Kg	89				57	104	
	2,4-Dinitrophenol	3300	4000	ug/Kg	121				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163179BS	4-Nitrophenol	3300	3700	ug/Kg	112				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3600	ug/Kg	106				60	106	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	390	ug/Kg	12				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

IDOC-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG090624

SAS No.: BG090624 SDG NO.: BG090624

Lab File ID: BG062675.D

Lab Sample ID: IDOC-01

Instrument ID: BNA_G

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 10:37

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	BG062675.D	09/06/2024
IDOC-02	IDOC-02	BG062676.D	09/06/2024
IDOC-03	IDOC-03	BG062677.D	09/06/2024
IDOC-04	IDOC-04	BG062678.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163160BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG090624

SAS No.: BG090624 SDG NO.: BG090624

Lab File ID: BG062674.D

Lab Sample ID: PB163160BL

Instrument ID: BNA_G

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 09:56

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.

PB163179BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG090624

SAS No.: BG090624 SDG NO.: BG090624

Lab File ID: BG062679.D

Lab Sample ID: PB163179BL

Instrument ID: BNA_G

Date Extracted: 09/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 13:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163179BS	PB163179BS	BG062680.D	09/06/2024
WC-C1-COMP	P3857-01	BG062681.D	09/06/2024
WC-C2-COMP	P3857-04	BG062682.D	09/06/2024
WC-C2-COMPMS	P3857-04MS	BG062683.D	09/06/2024
WC-C2-COMPMSD	P3857-04MSD	BG062684.D	09/06/2024
WC-D1-COMP	P3857-07	BG062685.D	09/06/2024
WC-D2-COMP	P3857-10	BG062686.D	09/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3857-04MS		Client Sample ID: WC-C2-COMPMS		DataFile: BG062683.D							
n-Nitrosodimethylamine	2000		1800	ug/Kg	90				66	124	
Pyridine	2000		1500	ug/Kg	75				45	119	
Benzaldehyde	2000		670	ug/Kg	34				10	86	
Aniline	2000		1500	ug/Kg	75				10	88	
Phenol	2000		1900	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	2000		1700	ug/Kg	85				54	125	
2-Chlorophenol	2000		1900	ug/Kg	95				79	107	
1,2-Dichlorobenzene	2000		1800	ug/Kg	90				61	105	
1,3-Dichlorobenzene	2000		1800	ug/Kg	90				62	101	
1,4-Dichlorobenzene	2000		1800	ug/Kg	90				63	104	
Benzyl Alcohol	2000		1900	ug/Kg	95				47	126	
2-Methylphenol	2000		1800	ug/Kg	90				66	122	
2,2-oxybis(1-Chloropropane)	2000		1700	ug/Kg	85				65	110	
Acetophenone	2000		1700	ug/Kg	85				75	111	
3+4-Methylphenols	2000		1700	ug/Kg	85				66	104	
N-Nitroso-di-n-propylamine	2000		1500	ug/Kg	75				59	119	
Hexachloroethane	2000		1800	ug/Kg	90				65	117	
Nitrobenzene	2000		1800	ug/Kg	90				70	119	
Isophorone	2000		1700	ug/Kg	85				76	122	
2-Nitrophenol	2000		2200	ug/Kg	110				54	145	
2,4-Dimethylphenol	2000		2300	ug/Kg	115				44	135	
bis(2-Chloroethoxy)methane	2000		1800	ug/Kg	90				68	112	
2,4-Dichlorophenol	2000		2100	ug/Kg	105				72	118	
1,2,4-Trichlorobenzene	2000		1900	ug/Kg	95				57	103	
Benzoic acid	2000		1600	ug/Kg	80				50	104	
Naphthalene	2000		1900	ug/Kg	95				72	110	
4-Chloroaniline	2000		740	ug/Kg	37				10	91	
Hexachlorobutadiene	2000		2000	ug/Kg	100				66	114	
Caprolactam	2000		1700	ug/Kg	85				51	134	
4-Chloro-3-methylphenol	2000		1900	ug/Kg	95				57	132	
2-Methylnaphthalene	2000		1800	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	4100		8000	ug/Kg	195	*			10	175	
2,4,6-Trichlorophenol	2000		2200	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	2000		2100	ug/Kg	105				72	117	
1,1-Biphenyl	2000		1900	ug/Kg	95				75	113	
2-Chloronaphthalene	2000		1900	ug/Kg	95				67	118	
2-Nitroaniline	2000		2200	ug/Kg	110				69	127	
Dimethylphthalate	2000		1900	ug/Kg	95				70	113	
Acenaphthylene	2000		2000	ug/Kg	100				79	118	
2,6-Dinitrotoluene	2000		2000	ug/Kg	100				70	125	
3-Nitroaniline	2000		1300	ug/Kg	65				30	99	
Acenaphthene	2000		2000	ug/Kg	100				70	121	
Total PAH	32000	0	32200	ug/Kg	101				70	121	
2,4-Dinitrophenol	4100		5100	ug/Kg	124				10	155	
4-Nitrophenol	4100		4300	ug/Kg	105				45	133	
Dibenzofuran	2000		2000	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2200	ug/Kg	110				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4200	ug/Kg	105				55	128	
Diethylphthalate	2000		1800	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	2000		1900	ug/Kg	95				71	108	
Fluorene	2000		1900	ug/Kg	95				68	116	
4-Nitroaniline	2000		2000	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	2000		2400	ug/Kg	120				10	160	
N-Nitrosodiphenylamine	2000		2000	ug/Kg	100				73	118	
Azobenzene	2000		2000	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2000		2100	ug/Kg	105				65	121	
Hexachlorobenzene	2000		2100	ug/Kg	105				67	118	
Atrazine	2000		2600	ug/Kg	130	*			79	127	
Pentachlorophenol	4100		4100	ug/Kg	100				47	128	
Phenanthrene	2000	150	2100	ug/Kg	98				52	128	
Anthracene	2000		2100	ug/Kg	105				62	124	
Carbazole	2000		1900	ug/Kg	95				59	119	
Di-n-butylphthalate	2000		2000	ug/Kg	100				69	118	
Fluoranthene	2000	160	2000	ug/Kg	92				44	125	
Benzidine	4100		2700	ug/Kg	66				10	119	
Pyrene	2000	110	2000	ug/Kg	95				26	142	
Butylbenzylphthalate	2000		2100	ug/Kg	105				64	126	
3,3-Dichlorobenzidine	2000		1100	ug/Kg	55				33	116	
Benzo(a)anthracene	2000		2000	ug/Kg	100				71	114	
Chrysene	2000		2000	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	2000		2100	ug/Kg	105				42	169	
Di-n-octyl phthalate	2000		2100	ug/Kg	105				23	175	
Benzo(b)fluoranthene	2000		2000	ug/Kg	100				67	121	
Benzo(k)fluoranthene	2000		2000	ug/Kg	100				57	134	
Benzo(a)pyrene	2000		2100	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	2000		2100	ug/Kg	105				40	129	
Dibenz(a,h)anthracene	2000		2100	ug/Kg	105				43	123	
Benzo(g,h,i)perylene	2000		1900	ug/Kg	95				24	125	
1,2,4,5-Tetrachlorobenzene	2000		2000	ug/Kg	100				69	124	
1,4-Dioxane	2000		1600	ug/Kg	80				46	112	
2,3,4,6-Tetrachlorophenol	2000		2200	ug/Kg	110				69	112	
1-Methylnaphthalene	2000		1700	ug/Kg	85				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3857-04MSD		Client Sample ID: WC-C2-COMPMSD		DataFile: BG062684.D							
n-Nitrosodimethylamine	2000		1800	ug/Kg	90		0		66	124	20
Pyridine	2000		1500	ug/Kg	75		0		45	119	20
Benzaldehyde	2000		660	ug/Kg	33		3		10	86	20
Aniline	2000		1500	ug/Kg	75		0		10	88	20
Phenol	2000		1900	ug/Kg	95		0		67	126	20
bis(2-Chloroethyl)ether	2000		1700	ug/Kg	85		0		54	125	20
2-Chlorophenol	2000		1900	ug/Kg	95		0		79	107	20
1,2-Dichlorobenzene	2000		1800	ug/Kg	90		0		61	105	20
1,3-Dichlorobenzene	2000		1800	ug/Kg	90		0		62	101	20
1,4-Dichlorobenzene	2000		1800	ug/Kg	90		0		63	104	20
Benzyl Alcohol	2000		1900	ug/Kg	95		0		47	126	20
2-Methylphenol	2000		1800	ug/Kg	90		0		66	122	20
2,2-oxybis(1-Chloropropane)	2000		1700	ug/Kg	85		0		65	110	20
Acetophenone	2000		1800	ug/Kg	90		6		75	111	20
3+4-Methylphenols	2000		1700	ug/Kg	85		0		66	104	20
N-Nitroso-di-n-propylamine	2000		1500	ug/Kg	75		0		59	119	20
Hexachloroethane	2000		1800	ug/Kg	90		0		65	117	20
Nitrobenzene	2000		1900	ug/Kg	95		5		70	119	20
Isophorone	2000		1700	ug/Kg	85		0		76	122	20
2-Nitrophenol	2000		2200	ug/Kg	110		0		54	145	20
2,4-Dimethylphenol	2000		2400	ug/Kg	120		4		44	135	20
bis(2-Chloroethoxy)methane	2000		1800	ug/Kg	90		0		68	112	20
2,4-Dichlorophenol	2000		2200	ug/Kg	110		5		72	118	20
1,2,4-Trichlorobenzene	2000		2000	ug/Kg	100		5		57	103	20
Benzoic acid	2000		1700	ug/Kg	85		6		50	104	20
Naphthalene	2000		1900	ug/Kg	95		0		72	110	20
4-Chloroaniline	2000		800	ug/Kg	40		8		10	91	20
Hexachlorobutadiene	2000		2100	ug/Kg	105		5		66	114	20
Caprolactam	2000		1800	ug/Kg	90		6		51	134	20
4-Chloro-3-methylphenol	2000		1900	ug/Kg	95		0		57	132	20
2-Methylnaphthalene	2000		1900	ug/Kg	95		5		59	123	20
Hexachlorocyclopentadiene	4100		8100	ug/Kg	198	*	2		10	175	20
2,4,6-Trichlorophenol	2000		2300	ug/Kg	115		4		72	117	20
2,4,5-Trichlorophenol	2000		2200	ug/Kg	110		5		72	117	20
1,1-Biphenyl	2000		2000	ug/Kg	100		5		75	113	20
2-Chloronaphthalene	2000		2000	ug/Kg	100		5		67	118	20
2-Nitroaniline	2000		2300	ug/Kg	115		4		69	127	20
Dimethylphthalate	2000		1900	ug/Kg	95		0		70	113	20
Acenaphthylene	2000		2100	ug/Kg	105		5		79	118	20
2,6-Dinitrotoluene	2000		2200	ug/Kg	110		10		70	125	20
3-Nitroaniline	2000		1400	ug/Kg	70		7		30	99	20
Acenaphthene	2000		2100	ug/Kg	105		5		70	121	20
Total PAH	32000	0	33300	ug/Kg	104		3		70	121	20
2,4-Dinitrophenol	4100		5400	ug/Kg	132		6		10	155	20
4-Nitrophenol	4100		4500	ug/Kg	110		5		45	133	20
Dibenzofuran	2000		2100	ug/Kg	105		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2300	ug/Kg	115		4		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4500	ug/Kg	113		7		55	128	20
Diethylphthalate	2000		1900	ug/Kg	95		5		70	112	20
4-Chlorophenyl-phenylether	2000		2000	ug/Kg	100		5		71	108	20
Fluorene	2000		2000	ug/Kg	100		5		68	116	20
4-Nitroaniline	2000		2100	ug/Kg	105		5		55	120	20
4,6-Dinitro-2-methylphenol	2000		2500	ug/Kg	125		4		10	160	20
N-Nitrosodiphenylamine	2000		2100	ug/Kg	105		5		73	118	20
Azobenzene	2000		2100	ug/Kg	105		5		73	110	20
4-Bromophenyl-phenylether	2000		2100	ug/Kg	105		0		65	121	20
Hexachlorobenzene	2000		2100	ug/Kg	105		0		67	118	20
Atrazine	2000		2600	ug/Kg	130	*	0		79	127	20
Pentachlorophenol	4100		4200	ug/Kg	102		2		47	128	20
Phenanthrene	2000	150	2200	ug/Kg	103		5		52	128	20
Anthracene	2000		2100	ug/Kg	105		0		62	124	20
Carbazole	2000		2000	ug/Kg	100		5		59	119	20
Di-n-butylphthalate	2000		2000	ug/Kg	100		0		69	118	20
Fluoranthene	2000	160	2100	ug/Kg	97		5		44	125	20
Benzydine	4100		2800	ug/Kg	68		3		10	119	20
Pyrene	2000	110	2000	ug/Kg	95		0		26	142	20
Butylbenzylphthalate	2000		2200	ug/Kg	110		5		64	126	20
3,3-Dichlorobenzidine	2000		1200	ug/Kg	60		9		33	116	20
Benzo(a)anthracene	2000		2100	ug/Kg	105		5		71	114	20
Chrysene	2000		2100	ug/Kg	105		5		57	121	20
bis(2-Ethylhexyl)phthalate	2000		2100	ug/Kg	105		0		42	169	20
Di-n-octyl phthalate	2000		2100	ug/Kg	105		0		23	175	20
Benzo(b)fluoranthene	2000		2100	ug/Kg	105		5		67	121	20
Benzo(k)fluoranthene	2000		2000	ug/Kg	100		0		57	134	20
Benzo(a)pyrene	2000		2200	ug/Kg	110		5		70	142	20
Indeno(1,2,3-cd)pyrene	2000		2200	ug/Kg	110		5		40	129	20
Dibenz(a,h)anthracene	2000		2100	ug/Kg	105		0		43	123	20
Benzo(g,h,i)perylene	2000		2000	ug/Kg	100		5		24	125	20
1,2,4,5-Tetrachlorobenzene	2000		2100	ug/Kg	105		5		69	124	20
1,4-Dioxane	2000		1600	ug/Kg	80		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000		2300	ug/Kg	115	*	4		69	112	20
1-Methylnaphthalene	2000		1800	ug/Kg	90		6		70	130	20

Surrogate Summary

SW-846

SDG No.: **BG090624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
IDOC-01	IDOC-01	BG062675.D	2-Fluorophenol	150	147,947.00	98631	*	10	139
			Phenol-d6	150	140,595.00	93730	*	10	134
			Nitrobenzene-d5	100	88,931.00	88931	*	49	133
			2-Fluorobiphenyl	100	83,555.00	83555	*	52	132
			2,4,6-Tribromophenol	150	152,159.00	101439	*	44	137
			Terphenyl-d14	100	83,408.00	83408	*	48	125
IDOC-02	IDOC-02	BG062676.D	2-Fluorophenol	150	133,637.00	89091	*	10	139
			Phenol-d6	150	121,975.00	81317	*	10	134
			Nitrobenzene-d5	100	82,145.00	82145	*	49	133
			2-Fluorobiphenyl	100	75,513.00	75513	*	52	132
			2,4,6-Tribromophenol	150	139,084.00	92723	*	44	137
			Terphenyl-d14	100	72,490.00	72490	*	48	125
IDOC-03	IDOC-03	BG062677.D	2-Fluorophenol	150	141,212.00	94141	*	10	139
			Phenol-d6	150	130,227.00	86818	*	10	134
			Nitrobenzene-d5	100	89,918.00	89918	*	49	133
			2-Fluorobiphenyl	100	83,343.00	83343	*	52	132
			2,4,6-Tribromophenol	150	153,096.00	102064	*	44	137
			Terphenyl-d14	100	81,068.00	81068	*	48	125
IDOC-04	IDOC-04	BG062678.D	2-Fluorophenol	150	133,036.00	88691	*	10	139
			Phenol-d6	150	124,447.00	82965	*	10	134
			Nitrobenzene-d5	100	84,695.00	84695	*	49	133
			2-Fluorobiphenyl	100	75,255.00	75255	*	52	132
			2,4,6-Tribromophenol	150	139,755.00	93170	*	44	137
			Terphenyl-d14	100	73,764.00	73764	*	48	125

Surrogate Summary

SW-846

SDG No.: BG090624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163160BL	PB163160BL	BG062674.D	2-Fluorophenol	150	134.66	90		10	139
			Phenol-d6	150	122.22	81		10	134
			Nitrobenzene-d5	100	83.63	84		49	133
			2-Fluorobiphenyl	100	82.64	83		52	132
			2,4,6-Tribromophenol	150	142.06	95		44	137
			Terphenyl-d14	100	76.44	76		48	125

Surrogate Summary

SW-846

SDG No.: **BG090624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3857-01	WC-C1-COMP	BG062681.D	2-Fluorophenol	150	90.63	60		18	112
			Phenol-d6	150	87.39	58		15	107
			Nitrobenzene-d5	100	64.54	65		18	107
			2-Fluorobiphenyl	100	61.52	62		20	109
			2,4,6-Tribromophenol	150	109.52	73		10	116
			Terphenyl-d14	100	58.40	58		10	105
P3857-04	WC-C2-COMP	BG062682.D	2-Fluorophenol	150	84.61	56		18	112
			Phenol-d6	150	83.69	56		15	107
			Nitrobenzene-d5	100	59.48	59		18	107
			2-Fluorobiphenyl	100	60.46	60		20	109
			2,4,6-Tribromophenol	150	106.41	71		10	116
			Terphenyl-d14	100	58.57	59		10	105
P3857-04MS	WC-C2-COMPMS	BG062683.D	2-Fluorophenol	150	89.78	60		18	112
			Phenol-d6	150	89.53	60		15	107
			Nitrobenzene-d5	100	61.64	62		18	107
			2-Fluorobiphenyl	100	62.24	62		20	109
			2,4,6-Tribromophenol	150	105.48	70		10	116
			Terphenyl-d14	100	61.27	61		10	105
P3857-04MSD	WC-C2-COMPMSIB	BG062684.D	2-Fluorophenol	150	89.03	59		18	112
			Phenol-d6	150	89.77	60		15	107
			Nitrobenzene-d5	100	63.15	63		18	107
			2-Fluorobiphenyl	100	64.20	64		20	109
			2,4,6-Tribromophenol	150	112.24	75		10	116
			Terphenyl-d14	100	63.98	64		10	105
P3857-07	WC-D1-COMP	BG062685.D	2-Fluorophenol	150	83.90	56		18	112
			Phenol-d6	150	81.02	54		15	107
			Nitrobenzene-d5	100	59.76	60		18	107
			2-Fluorobiphenyl	100	59.04	59		20	109
			2,4,6-Tribromophenol	150	101.69	68		10	116
			Terphenyl-d14	100	58.05	58		10	105
P3857-10	WC-D2-COMP	BG062686.D	2-Fluorophenol	150	92.14	61		18	112
			Phenol-d6	150	88.91	59		15	107
			Nitrobenzene-d5	100	63.84	64		18	107
			2-Fluorobiphenyl	100	62.17	62		20	109
			2,4,6-Tribromophenol	150	109.90	73		10	116
			Terphenyl-d14	100	58.11	58		10	105
PB163179BL	PB163179BL	BG062679.D	2-Fluorophenol	150	137.38	92		18	112
			Phenol-d6	150	114.00	76		15	107
			Nitrobenzene-d5	100	81.48	81		18	107
			2-Fluorobiphenyl	100	80.12	80		20	109
			2,4,6-Tribromophenol	150	148.11	99		10	116
			Terphenyl-d14	100	77.89	78		10	105
PB163179BS	PB163179BS	BG062680.D	2-Fluorophenol	150	149.70	100		18	112
			Phenol-d6	150	133.05	89		15	107
			Nitrobenzene-d5	100	92.18	92		18	107
			2-Fluorobiphenyl	100	84.56	85		20	109
			2,4,6-Tribromophenol	150	157.83	105		10	116
			Terphenyl-d14	100	81.48	81		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG090624

Lab Code: CHEM

SAS No.: BG090624 SDG NO.: BG090624

Lab File ID: BG062672.D

DFTPP Injection Date: 09/06/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.5
68	Less than 2.0% of mass 69	0.1 (0.5) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	29.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (18.5) 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	BG062673.D	09/06/2024	09:14
PB163160BL	PB163160BL	BG062674.D	09/06/2024	09:56
IDOC-01	IDOC-01	BG062675.D	09/06/2024	10:37
IDOC-02	IDOC-02	BG062676.D	09/06/2024	11:17
IDOC-03	IDOC-03	BG062677.D	09/06/2024	11:57
IDOC-04	IDOC-04	BG062678.D	09/06/2024	12:38
PB163179BL	PB163179BL	BG062679.D	09/06/2024	13:31
PB163179BS	PB163179BS	BG062680.D	09/06/2024	14:12
WC-C1-COMP	P3857-01	BG062681.D	09/06/2024	15:02
WC-C2-COMP	P3857-04	BG062682.D	09/06/2024	15:42
WC-C2-COMPMS	P3857-04MS	BG062683.D	09/06/2024	16:22
WC-C2-COMPMSD	P3857-04MSD	BG062684.D	09/06/2024	17:04
WC-D1-COMP	P3857-07	BG062685.D	09/06/2024	17:45
WC-D2-COMP	P3857-10	BG062686.D	09/06/2024	18:26