

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081224 SAS No.: BN081224 SDG No.: BN081224

Instrument ID: BNA_N Calibration Date/Time: 8/12/2024 1:10:34

Lab File ID: BN033344.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.590		-4.221	20.0
Fluoranthene-d10	1.069	0.989		-7.484	20.0
n-Nitrosodimethylamine	0.572	0.560		-2.098	20.0
2-Fluorophenol	1.105	1.036		-6.244	20.0
Phenol-d6	1.492	1.401		-6.099	20.0
bis(2-Chloroethyl)ether	1.209	1.176		-2.73	20.0
Nitrobenzene-d5	0.302	0.290		-3.974	20.0
Naphthalene	1.103	1.079		-2.176	20.0
Hexachlorobutadiene	0.210	0.212		0.952	20.0
2-Methylnaphthalene	0.745	0.714		-4.161	20.0
2-Fluorobiphenyl	1.640	1.667		1.646	20.0
Acenaphthylene	1.867	1.747		-6.427	20.0
Acenaphthene	1.281	1.247		-2.654	20.0
Fluorene	1.689	1.647		-2.487	20.0
4,6-Dinitro-2-methylphenol	0.049	0.040		-18.367	20.0
2,4,6-Tribromophenol	0.205	0.166		-19.024	20.0
4-Bromophenyl-phenylether	0.239	0.223		-6.695	20.0
Hexachlorobenzene	0.268	0.266		-0.746	20.0
Atrazine	0.190	0.156		-17.895	20.0
Pentachlorophenol	0.108	0.097		-10.185	20.0
Phenanthrene	1.155	1.117		-3.29	20.0
Anthracene	1.023	0.926		-9.482	20.0
Fluoranthene	1.422	1.329		-6.54	20.0
Pyrene	1.592	1.570		-1.382	20.0
Terphenyl-d14	0.756	0.740		-2.116	20.0
Benzo(a)anthracene	1.494	1.375		-7.965	20.0
Chrysene	1.504	1.504		0.0	20.0
Bis(2-ethylhexyl)phthalate	0.679	0.555		-18.262	20.0
Benzo(b)fluoranthene	1.505	1.472		-2.193	20.0
Benzo(k)fluoranthene	1.537	1.517		-1.301	20.0
Benzo(a)pyrene	1.268	1.137		-10.331	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.470		-11.071	20.0
Dibenzo(a,h)anthracene	1.305	1.162		-10.958	20.0
Benzo(g,h,i)perylene	1.448	1.342		-7.32	20.0
1,4-Dioxane	0.444	0.419		-5.631	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081224 SAS No.: BN081224 SDG No.: BN081224

Instrument ID: BNA_N Calibration Date/Time: 8/12/2024 1:17:38

Lab File ID: BN033355.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.592		-3.896	50.0
Fluoranthene-d10	1.069	0.958		-10.384	50.0
n-Nitrosodimethylamine	0.572	0.616		7.692	50.0
2-Fluorophenol	1.105	1.048		-5.158	50.0
Phenol-d6	1.492	1.422		-4.692	50.0
bis(2-Chloroethyl) ether	1.209	1.175		-2.812	50.0
Nitrobenzene-d5	0.302	0.296		-1.987	50.0
Naphthalene	1.103	1.107		0.363	50.0
Hexachlorobutadiene	0.210	0.221		5.238	50.0
2-Methylnaphthalene	0.745	0.722		-3.087	50.0
2-Fluorobiphenyl	1.640	1.661		1.28	50.0
Acenaphthylene	1.867	1.764		-5.517	50.0
Acenaphthene	1.281	1.273		-0.625	50.0
Fluorene	1.689	1.713		1.421	50.0
4,6-Dinitro-2-methylphenol	0.049	0.044		-10.204	50.0
2,4,6-Tribromophenol	0.205	0.168		-18.049	50.0
4-Bromophenyl-phenylether	0.239	0.224		-6.276	50.0
Hexachlorobenzene	0.268	0.265		-1.119	50.0
Atrazine	0.190	0.156		-17.895	50.0
Pentachlorophenol	0.108	0.101		-6.481	50.0
Phenanthrene	1.155	1.131		-2.078	50.0
Anthracene	1.023	0.945		-7.625	50.0
Fluoranthene	1.422	1.315		-7.525	50.0
Pyrene	1.592	1.686		5.905	50.0
Terphenyl-d14	0.756	0.769		1.72	50.0
Benzo(a)anthracene	1.494	1.414		-5.355	50.0
Chrysene	1.504	1.539		2.327	50.0
Bis(2-ethylhexyl)phthalate	0.679	0.568		-16.348	50.0
Benzo(b)fluoranthene	1.505	1.520		0.997	50.0
Benzo(k)fluoranthene	1.537	1.572		2.277	50.0
Benzo(a)pyrene	1.268	1.153		-9.069	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.383		-16.334	50.0
Dibenzo(a,h)anthracene	1.305	1.089		-16.552	50.0
Benzo(g,h,i)perylene	1.448	1.255		-13.329	50.0
1,4-Dioxane	0.444	0.460		3.604	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	PB162519BL	SDG No.:	BN081224
Lab Sample ID:	PB162519BL	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033345.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	PB162519BL	SDG No.:	BN081224
Lab Sample ID:	PB162519BL	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033345.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		21-128		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		13-127		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.306		28-122		76	SPK: -0.4
13127-88-3	Phenol-d6	0.301		12-126		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.345		14-112		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.369		22-114		92	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.185		10-137		46	SPK: -0.4
1718-51-0	Terphenyl-d14	0.391		21-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5394	7.58				
1146-65-2	Naphthalene-d8	14340	10.338				
15067-26-2	Acenaphthene-d10	7352	14.212				
1517-22-2	Phenanthrene-d10	19517	16.958				
1719-03-5	Chrysene-d12	15880	21.166				
1520-96-3	Perylene-d12	15398	23.355				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	PB162518BL	SDG No.:	BN081224
Lab Sample ID:	PB162518BL	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033346.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	PB162518BL	SDG No.:	BN081224
Lab Sample ID:	PB162518BL	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033346.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.32		30-150		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.342		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.305		10-92		76	SPK: -0.4
13127-88-3	Phenol-d6	0.3		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.343		11-175		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.379		10-175		95	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.189		24-148		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.392		54-171		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5002	7.58				
1146-65-2	Naphthalene-d8	13364	10.338				
15067-26-2	Acenaphthene-d10	6627	14.212				
1517-22-2	Phenanthrene-d10	17412	16.958				
1719-03-5	Chrysene-d12	13890	21.166				
1520-96-3	Perylene-d12	13288	23.352				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-01	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033347.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.4	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3.8		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	3.6		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	3.5		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.4		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	3.4		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	3.4		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	52.6	J	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	3.3		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3.2	J	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	3.3		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	3	J	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	3.5		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	3.3		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	3.3		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	3.5		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	3.3		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	3.6		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3.4	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.3		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.2	J	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	3	J	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.9	J	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.9	J	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.1	J	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	3.8	J	2.2	6.6	6.6	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-01	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033347.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.517	*	21-128		129	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.545	*	13-127		136	SPK: -0.4
367-12-4	2-Fluorophenol	0.283		28-122		71	SPK: -0.4
13127-88-3	Phenol-d6	0.303		12-126		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.351		14-112		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		22-114		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.258		10-137		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.363		21-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4191	7.58				
1146-65-2	Naphthalene-d8	11799	10.338				
15067-26-2	Acenaphthene-d10	6674	14.212				
1517-22-2	Phenanthrene-d10	16743	16.958				
1719-03-5	Chrysene-d12	14038	21.166				
1520-96-3	Perylene-d12	15192	23.352				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-01	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033348.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.6		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	7.4		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.3		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	7.2		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	7.1		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	7.3		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	7.1		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	108.3		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	7.2		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.5	J	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.6		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	7.1		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	6		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	8.6		2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.3		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7.1		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	6.7		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	7.5		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.5		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6.8		1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.6		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.7		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	6.1		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.7		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.7		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.8		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	7.2		2.2	6.6	6.6	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-01	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033348.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.545	*	21-128		136	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.554	*	13-127		138	SPK: -0.4
367-12-4	2-Fluorophenol	0.294		28-122		74	SPK: -0.4
13127-88-3	Phenol-d6	0.318		12-126		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.36		14-112		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.364		22-114		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.279		10-137		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.376		21-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4499	7.58				
1146-65-2	Naphthalene-d8	12444	10.338				
15067-26-2	Acenaphthene-d10	7158	14.212				
1517-22-2	Phenanthrene-d10	17757	16.958				
1719-03-5	Chrysene-d12	13985	21.166				
1520-96-3	Perylene-d12	14402	23.352				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033349.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.9	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3.6		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	3.6		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	3.6		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.5		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	3.4		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	3.3		0.55	3.3	3.3	ug/Kg
86-73-7	Fluorene	3.4		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3.3		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	3.4		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	2.9	J	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	3.5		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	3.3		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	3.3		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	3.6		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	3.3		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	3.5		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3.5	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.3		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.2	J	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	3	J	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	J	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.7	J	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.8	J	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	4.1	J	2.2	6.6	6.6	ug/Kg

SURROGATES

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033349.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.523	*	21-128			SPK: -0
93951-69-0	Fluoranthene-d10	0.534	*	13-127			SPK: -0
367-12-4	2-Fluorophenol	0.279	*	28-122			SPK: -0
13127-88-3	Phenol-d6	0.294	*	12-126			SPK: -0
4165-60-0	Nitrobenzene-d5	0.351	*	14-112			SPK: -0
321-60-8	2-Fluorobiphenyl	0.35	*	22-114			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.259	*	10-137			SPK: -0
1718-51-0	Terphenyl-d14	0.377	*	21-130			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4341	7.58				
1146-65-2	Naphthalene-d8	11777	10.338				
15067-26-2	Acenaphthene-d10	6946	14.212				
1517-22-2	Phenanthrene-d10	17272	16.958				
1719-03-5	Chrysene-d12	13700	21.166				
1520-96-3	Perylene-d12	13748	23.352				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033350.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.5		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	7.5		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.4		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	7.3		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	7.3		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	7.2		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	7.1		0.55	3.3	3.3	ug/Kg
86-73-7	Fluorene	7.1		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.7	J	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.8		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	7.2		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	6.1		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	6.1	J	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.3		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7.1		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	6.8		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	7.4		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.5		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6.3	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.8		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.2		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	6.2		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.8		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.8		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.9		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	7.4		2.2	6.6	6.6	ug/Kg

SURROGATES

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033350.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.552	*	21-128			SPK: -0
93951-69-0	Fluoranthene-d10	0.566	*	13-127			SPK: -0
367-12-4	2-Fluorophenol	0.298	*	28-122			SPK: -0
13127-88-3	Phenol-d6	0.323	*	12-126			SPK: -0
4165-60-0	Nitrobenzene-d5	0.364	*	14-112			SPK: -0
321-60-8	2-Fluorobiphenyl	0.357	*	22-114			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.281	*	10-137			SPK: -0
1718-51-0	Terphenyl-d14	0.371	*	21-130			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4236	7.58				
1146-65-2	Naphthalene-d8	11854	10.338				
15067-26-2	Acenaphthene-d10	7019	14.212				
1517-22-2	Phenanthrene-d10	17370	16.958				
1719-03-5	Chrysene-d12	14213	21.166				
1520-96-3	Perylene-d12	14613	23.349				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033351.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.11		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.11		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.11		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.1		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.1		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.1		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	1.58	J	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.1		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.1		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.1		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.09	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.11		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.1		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.1		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.11		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.1		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.11		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.1		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.1		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.09	J	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.08	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.09	J	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.12	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033351.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.52		30-150		130	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.536		30-150		134	SPK: -0.4
367-12-4	2-Fluorophenol	0.28		10-92		70	SPK: -0.4
13127-88-3	Phenol-d6	0.297		10-100		74	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.35		11-175		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		10-175		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.262		24-148		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.376		54-171		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4113	7.58				
1146-65-2	Naphthalene-d8	11316	10.338				
15067-26-2	Acenaphthene-d10	6603	14.212				
1517-22-2	Phenanthrene-d10	16666	16.958				
1719-03-5	Chrysene-d12	13200	21.166				
1520-96-3	Perylene-d12	13442	23.346				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033352.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.22		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.23		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.22		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.22		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.22		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.22		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.22		0.45	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.21		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.22		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.21		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.22		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.18		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.2		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.22		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.21		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.2		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.22		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.2		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.22		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.19		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.2		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.18		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.17		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.17		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.17		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.23		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033352.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.549		30-150		137	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.561		30-150		140	SPK: -0.4
367-12-4	2-Fluorophenol	0.296		10-92		74	SPK: -0.4
13127-88-3	Phenol-d6	0.323		10-100		81	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.359		11-175		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		10-175		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.28		24-148		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.366		54-171		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4250	7.58				
1146-65-2	Naphthalene-d8	11907	10.338				
15067-26-2	Acenaphthene-d10	7124	14.212				
1517-22-2	Phenanthrene-d10	17676	16.958				
1719-03-5	Chrysene-d12	14385	21.165				
1520-96-3	Perylene-d12	15149	23.346				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033353.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.11		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.11		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.11		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.11		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.1		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.1		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.1		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.1		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.1		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.09	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.11		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.1		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.1		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.12		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.1		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.11		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.1		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.1		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.09	J	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.09	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.09	J	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.13	J	0.07	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033353.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.53	*	30-150			SPK: -0
93951-69-0	Fluoranthene-d10	0.546	*	30-150			SPK: -0
367-12-4	2-Fluorophenol	0.279	*	10-92			SPK: -0
13127-88-3	Phenol-d6	0.3	*	10-100			SPK: -0
4165-60-0	Nitrobenzene-d5	0.352	*	11-175			SPK: -0
321-60-8	2-Fluorobiphenyl	0.356	*	10-175			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.266	*	24-148			SPK: -0
1718-51-0	Terphenyl-d14	0.379	*	54-171			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3876	7.58				
1146-65-2	Naphthalene-d8	10814	10.338				
15067-26-2	Acenaphthene-d10	6415	14.212				
1517-22-2	Phenanthrene-d10	16119	16.958				
1719-03-5	Chrysene-d12	13106	21.166				
1520-96-3	Perylene-d12	13544	23.349				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033354.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.22		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.22		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.22		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.22		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.21		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.22		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.21		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.21		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.2		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.21		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.18		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.2		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.22		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.21		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.2		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.22		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.2		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.23		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.2		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.21		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.18		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.17		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.17		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.17		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.22		0.07	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT3-2024	SDG No.:	BN081224
Lab Sample ID:	P3390-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033354.D	1	8/6/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.538	*	30-150			SPK: -0
93951-69-0	Fluoranthene-d10	0.557	*	30-150			SPK: -0
367-12-4	2-Fluorophenol	0.299	*	10-92			SPK: -0
13127-88-3	Phenol-d6	0.324	*	10-100			SPK: -0
4165-60-0	Nitrobenzene-d5	0.359	*	11-175			SPK: -0
321-60-8	2-Fluorobiphenyl	0.361	*	10-175			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.286	*	24-148			SPK: -0
1718-51-0	Terphenyl-d14	0.367	*	54-171			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4872	7.58				
1146-65-2	Naphthalene-d8	13474	10.338				
15067-26-2	Acenaphthene-d10	7681	14.208				
1517-22-2	Phenanthrene-d10	18979	16.952				
1719-03-5	Chrysene-d12	15214	21.169				
1520-96-3	Perylene-d12	15619	23.349				

Hit Summary Sheet SW-846

SDG No.: BN081224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT3-2024								
P3390-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	3.800	J	2.2	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	3.400		0.8	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	3.200	J	0.79	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	3.400		0.55	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	3.400		0.63	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	3.300		0.79	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	3.000	J	0.76	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	3.300		0.76	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	3.000	J	1.7	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	3.300		1.2	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	3.100	J	1.1	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	3.200	J	0.98	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	3.800		0.85	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	3.400	J	1.5	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	3.600		0.86	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	2.900	J	1.2	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	3.300		0.67	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	3.300		0.6	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	3.300		0.85	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	3.500		0.69	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	2.900	J	1.3	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	3.400	J	1.3	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	3.600		0.69	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	3.500		0.63	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	3.500		0.95	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	52.600	J	14.61	52.8	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	7.200		2.2	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	7.100		0.8	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	5.500	J	4.2	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	6.600		0.79	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	7.100		0.55	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	7.300		0.63	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	7.100		0.79	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	6.000		0.76	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	6.700		0.76	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	6.100		1.7	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	6.600		1.2	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	5.800		1.1	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	6.700		0.98	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	7.400		0.85	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	6.800		1.5	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	7.500		0.86	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	5.700		1.2	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	6.700		0.67	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	7.200		0.6	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	7.100		0.85	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	7.200		0.69	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	5.700		1.3	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	7.600		1.3	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	7.300		0.69	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	8.600		2.8	6.6	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	7.300		0.63	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	7.500		0.95	3.3	ug/Kg
P3390-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	108.000		14.61	52.8	ug/Kg

Total Svoc :

429.40

Total Concentration:

429.40

Client ID : LOD-MDL-WATER-01-QT3-2024

P3390-07	LOD-MDL-WATER-01-C	Water	1,4-Dioxane	0.120	J	0.07	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	2-Methylnaphthalene	0.100		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	4-Bromophenyl-phenylether	0.100		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Acenaphthene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Acenaphthylene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Anthracene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Atrazine	0.090	J	0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Benzo(a)anthracene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Benzo(a)pyrene	0.090	J	0.06	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Benzo(b)fluoranthene	0.100		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Benzo(g,h,i)perylene	0.090	J	0.04	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Benzo(k)fluoranthene	0.100		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	bis(2-Chloroethyl)ether	0.110		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Chrysene	0.110		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Dibenzo(a,h)anthracene	0.080	J	0.04	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Fluoranthene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Fluorene	0.100		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Hexachlorobenzene	0.100		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Hexachlorobutadiene	0.110		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C	Water	Indeno(1,2,3-cd)pyrene	0.080	J	0.04	0.1	ug/L

Hit Summary Sheet
SW-846

SDG No.: BN081224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	0.110	J	0.03	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Naphthalene	0.110		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Phenanthrene	0.110		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Pyrene	0.110		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Total PAH	1.580	J	0.45	1.6	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	0.230		0.07	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	0.220		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	4,6-Dinitro-2-methylphenol	0.180	J	0.14	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	0.210		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Acenaphthene	0.210		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	0.220		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Anthracene	0.210		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Atrazine	0.180		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	0.200		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	0.180		0.06	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	0.190		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	0.170		0.04	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	0.200		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	0.230		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	0.200		0.14	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Chrysene	0.220		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	0.170		0.04	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Fluoranthene	0.200		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Fluorene	0.220		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	0.220		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	0.220		0.03	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	0.170		0.04	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	0.220		0.03	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Naphthalene	0.220		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	0.200		0.09	0.2	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Phenanthrene	0.220		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Pyrene	0.220		0.02	0.1	ug/L
P3390-07	LOD-MDL-WATER-01-C Water	Total PAH	3.220		0.45	1.6	ug/L
Total Svoc :			12.75				
Total Concentration:			12.75				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081024 SAS No.: BN081024 SDG No.: BN081024

Instrument ID: _____ Calibration Date(s): 8/10/2024 : _____

Calibration Time(s): 13:40 _____

LAB FILE ID:		RRF0.1 = BN033334.D		RRF0.2 = BN033335.D		RRF0.4 = BN033336.D		
		RRF0.8 = BN033337.D		RRF1.6 = BN033338.D		RRF3.2 = BN033339.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.614	0.587	0.592	0.649	0.641	0.603	0.616	3.8
Fluoranthene-d10	1.035	1.021	1.015	1.097	1.118	1.079	1.069	4.2
n-Nitrosodimethylamine	0.591	0.536	0.559	0.617	0.592	0.559	0.572	4.9
2-Fluorophenol	1.200	1.136	1.125	1.133	1.102	1.016	1.105	6.0
Phenol-d6	1.592	1.460	1.513	1.524	1.510	1.403	1.492	4.1
bis(2-Chloroethyl)ether	1.244	1.185	1.187	1.281	1.252	1.150	1.209	4.1
Nitrobenzene-d5	0.309	0.297	0.294	0.310	0.310	0.290	0.302	2.7
Naphthalene	1.102	1.082	1.072	1.166	1.144	1.072	1.103	3.4
Hexachlorobutadiene	0.215	0.206	0.208	0.224	0.217	0.202	0.210	4.0
2-Methylnaphthalene	0.736	0.706	0.715	0.784	0.783	0.735	0.745	4.1
2-Fluorobiphenyl	1.637	1.596	1.632	1.729	1.700	1.583	1.640	3.4
Acenaphthylene	1.797	1.711	1.739	1.961	1.982	1.919	1.867	6.2
Acenaphthene	1.250	1.224	1.218	1.345	1.347	1.283	1.281	4.2
Fluorene	1.648	1.559	1.615	1.779	1.807	1.689	1.689	5.3
4,6-Dinitro-2-methylphenol	0.042	0.042	0.042	0.048	0.052	0.055	0.049	14.3
2,4,6-Tribromophenol	0.214	0.197	0.191	0.207	0.208	0.203	0.205	4.3
4-Bromophenyl-phenylether	0.237	0.226	0.228	0.249	0.249	0.244	0.239	4.0
Hexachlorobenzene	0.264	0.263	0.262	0.282	0.280	0.263	0.268	3.2
Atrazine	0.186	0.171	0.173	0.190	0.200	0.199	0.190	7.6
Pentachlorophenol	0.119	0.103	0.092	0.104	0.110	0.110	0.108	8.8
Phenanthrene	1.132	1.095	1.110	1.195	1.221	1.154	1.155	4.0
Anthracene	0.952	0.938	0.958	1.055	1.092	1.064	1.023	6.9
Fluoranthene	1.329	1.330	1.341	1.487	1.510	1.466	1.422	5.9
Pyrene	1.607	1.534	1.572	1.663	1.680	1.544	1.592	3.7
Terphenyl-d14	0.774	0.729	0.756	0.785	0.784	0.727	0.756	3.4
Benzo (a) anthracene	1.513	1.417	1.387	1.549	1.568	1.499	1.494	4.5
Chrysene	1.504	1.475	1.497	1.573	1.556	1.462	1.504	3.0
Bis(2-ethylhexyl)phthalate	0.774	0.587	0.588	0.634	0.686	0.710	0.679	11.7
Benzo (b) fluoranthene	1.395	1.396	1.420	1.591	1.609	1.533	1.505	6.5
Benzo (k) fluoranthene	1.404	1.380	1.487	1.637	1.668	1.577	1.537	7.4
Benzo (a) pyrene	1.198	1.156	1.155	1.318	1.363	1.316	1.268	7.5
Indeno (1,2,3-cd) pyrene	1.470	1.620	1.499	1.709	1.777	1.707	1.653	7.7
Dibenzo (a,h) anthracene	1.127	1.265	1.179	1.366	1.413	1.363	1.305	8.9
Benzo (g,h,i) perylene	1.303	1.486	1.329	1.500	1.533	1.459	1.448	6.4
1,4-Dioxane	0.514	0.479	0.426	0.451	0.425	0.416	0.444	9.0

All other compounds must meet a minimum RRF of 0.010.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081224 SAS No.: BN081224 SDG NO.: BN081224

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 11:10

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5313	7.58	15448	10.34	9171	14.21
UPPER LIMIT	10626	8.08	30896	10.838	18342	14.712
LOWER LIMIT	2656.5	7.08	7724	9.838	4585.5	13.712
EPA SAMPLE NO.						
01 PB162519BL	5394	7.58	14340	10.34	7352	14.21
02 PB162518BL	5002	7.58	13364	10.34	6627	14.21
03 LOD-MDL-SOIL-01-QT3-2024	4191	7.58	11799	10.34	6674	14.21
04 LOD-MDL-SOIL-01-QT3-2024	4499	7.58	12444	10.34	7158	14.21
05 LOD-MDL-WATER-01-QT3-2024	4113	7.58	11316	10.34	6603	14.21
06 LOD-MDL-WATER-01-QT3-2024	4250	7.58	11907	10.34	7124	14.21

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.: BN081224 SAS No.: BN081224 SDG NO.: BN081224

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BN033344.D Time Analyzed: 11:10

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4255	7.58	12204	10.34	7050	14.21
UPPER LIMIT	8510	8.08	24408	10.838	14100	14.712
LOWER LIMIT	2127.5	7.08	6102	9.838	3525	13.712
EPA SAMPLE NO.						
01 PB162519BL	5394	7.58	14340	10.34	7352	14.21
02 PB162518BL	5002	7.58	13364	10.34	6627	14.21
03 LOD-MDL-SOIL-01-QT3-2024	4191	7.58	11799	10.34	6674	14.21
04 LOD-MDL-SOIL-01-QT3-2024	4499	7.58	12444	10.34	7158	14.21
05 LOD-MDL-WATER-01-QT3-2024	4113	7.58	11316	10.34	6603	14.21
06 LOD-MDL-WATER-01-QT3-2024	4250	7.58	11907	10.34	7124	14.21

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.: BN081224 SAS No.: BN081224 SDG NO.: BN081224

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 11:10

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	22066	16.958	19273	21.166	19885	23.349
UPPER LIMIT	44132	17.458	38546	21.666	39770	23.849
LOWER LIMIT	11033	16.458	9636.5	20.666	9942.5	22.849
EPA SAMPLE NO.						
01 PB162519BL	19517	16.96	15880	21.17	15398	23.36
02 PB162518BL	17412	16.96	13890	21.17	13288	23.35
03 LOD-MDL-SOIL-01-QT3-2024	16743	16.96	14038	21.17	15192	23.35
04 LOD-MDL-SOIL-01-QT3-2024	17757	16.96	13985	21.17	14402	23.35
05 LOD-MDL-WATER-01-QT3-2024	16666	16.96	13200	21.17	13442	23.35
06 LOD-MDL-WATER-01-QT3-2024	17676	16.96	14385	21.17	15149	23.35

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.: BN081224 SAS No.: BN081224 SDG NO.: BN081224

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BN033344.D Time Analyzed: 11:10

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	17355	16.958	14912	21.166	15067	23.352
UPPER LIMIT	34710	17.458	29824	21.666	30134	23.852
LOWER LIMIT	8677.5	16.458	7456	20.666	7533.5	22.852
EPA SAMPLE NO.						
01 PB162519BL	19517	16.96	15880	21.17	15398	23.36
02 PB162518BL	17412	16.96	13890	21.17	13288	23.35
03 LOD-MDL-SOIL-01-QT3-2024	16743	16.96	14038	21.17	15192	23.35
04 LOD-MDL-SOIL-01-QT3-2024	17757	16.96	13985	21.17	14402	23.35
05 LOD-MDL-WATER-01-QT3-2024	16666	16.96	13200	21.17	13442	23.35
06 LOD-MDL-WATER-01-QT3-2024	17676	16.96	14385	21.17	15149	23.35

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.: BN081224

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P3390-08	n-Nitrosodimethylamine	0.2	0.11	ug/L	55		*		70	130	
	n-Nitrosodimethylamine	0.2	0.22	ug/L	110				70	130	
	bis(2-Chloroethyl)ether	0.1	0.22	ug/L	220		*		70	130	
	bis(2-Chloroethyl)ether	0.1	0.11	ug/L	110				70	130	
	Naphthalene	0.1	0.22	ug/L	220		*		70	130	
	Naphthalene	0.1	0.11	ug/L	110				70	130	
	Hexachlorobutadiene	0.1	0.11	ug/L	110				70	130	
	Hexachlorobutadiene	0.1	0.22	ug/L	220		*		70	130	
	2-Methylnaphthalene	0.1	0.21	ug/L	210		*		70	130	
	2-Methylnaphthalene	0.1	0.11	ug/L	110				70	130	
	Acenaphthylene	0.1	0.1	ug/L	100				70	130	
	Acenaphthylene	0.1	0.22	ug/L	220		*		70	130	
	Acenaphthene	0.1	0.21	ug/L	210		*		70	130	
	Acenaphthene	0.1	0.1	ug/L	100				70	130	
	Fluorene	0.1	0.1	ug/L	100				70	130	
	Fluorene	0.1	0.21	ug/L	210		*		70	130	
	4,6-Dinitro-2-methylphenol	0.2	0.18	ug/L	90				70	130	
	4,6-Dinitro-2-methylphenol	0.2	0	ug/L	0		*		70	130	
	4-Bromophenyl-phenylether	0.1	0.1	ug/L	100				70	130	
	4-Bromophenyl-phenylether	0.1	0.2	ug/L	200		*		70	130	
	Hexachlorobenzene	0.1	0.21	ug/L	210		*		70	130	
	Hexachlorobenzene	0.1	0.1	ug/L	100				70	130	
	Atrazine	0.1	0.09	ug/L	90				70	130	
	Atrazine	0.1	0.18	ug/L	180		*		70	130	
	Pentachlorophenol	0.2	0	ug/L	0		*		70	130	
	Pentachlorophenol	0.2	0.2	ug/L	100				70	130	
	Phenanthrene	0.1	0.22	ug/L	220		*		70	130	
	Phenanthrene	0.1	0.11	ug/L	110				70	130	
	Anthracene	0.1	0.21	ug/L	210		*		70	130	
	Anthracene	0.1	0.1	ug/L	100				70	130	
	Fluoranthene	0.1	0.1	ug/L	100				70	130	
	Fluoranthene	0.1	0.2	ug/L	200		*		70	130	
	Pyrene	0.1	0.22	ug/L	220		*		70	130	
	Pyrene	0.1	0.12	ug/L	120				70	130	
	Benzo(a)anthracene	0.1	0.2	ug/L	200		*		70	130	
	Benzo(a)anthracene	0.1	0.1	ug/L	100				70	130	
	Chrysene	0.1	0.11	ug/L	110				70	130	
	Chrysene	0.1	0.23	ug/L	230		*		70	130	
	bis(2-Ethylhexyl)phthalate	0.2	0.19	ug/L	95				70	130	
	bis(2-Ethylhexyl)phthalate	0.2	0	ug/L	0		*		70	130	
	Benzo(b)fluoranthene	0.1	0.1	ug/L	100				70	130	
	Benzo(b)fluoranthene	0.1	0.2	ug/L	200		*		70	130	
	Benzo(k)fluoranthene	0.1	0.21	ug/L	210		*		70	130	
	Benzo(k)fluoranthene	0.1	0.1	ug/L	100				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081224

Client: _____

Analytical Method: 8270-Modified DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	
								Qual		High	RPD
P3390-08	Benzo(a)pyrene	0.1	0.09	ug/L	90				70	130	
	Benzo(a)pyrene	0.1	0.18	ug/L	180		*		70	130	
	Indeno(1,2,3-cd)pyrene	0.1	0.09	ug/L	90				70	130	
	Indeno(1,2,3-cd)pyrene	0.1	0.17	ug/L	170		*		70	130	
	Dibenz(a,h)anthracene	0.1	0.17	ug/L	170		*		70	130	
	Dibenz(a,h)anthracene	0.1	0.08	ug/L	80				70	130	
	Benzo(g,h,i)perylene	0.1	0.09	ug/L	90				70	130	
	Benzo(g,h,i)perylene	0.1	0.17	ug/L	170		*		70	130	
	1,4-Dioxane	0.2	0.22	ug/L	110				70	130	
	1,4-Dioxane	0.2	0.13	ug/L	65		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081224

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P3390-02	n-Nitrosodimethylamine	6.6	3.9	ug/Kg	59		*		70	130	
	n-Nitrosodimethylamine	6.6	7.5	ug/Kg	114				70	130	
	bis(2-Chloroethyl)ether	3.3	7.5	ug/Kg	227		*		70	130	
	bis(2-Chloroethyl)ether	3.3	3.6	ug/Kg	109				70	130	
	Naphthalene	3.3	3.6	ug/Kg	109				70	130	
	Naphthalene	3.3	7.4	ug/Kg	224		*		70	130	
	Hexachlorobutadiene	3.3	7.3	ug/Kg	221		*		70	130	
	Hexachlorobutadiene	3.3	3.6	ug/Kg	109				70	130	
	2-Methylnaphthalene	3.3	7.3	ug/Kg	221		*		70	130	
	2-Methylnaphthalene	3.3	3.5	ug/Kg	106				70	130	
	Acenaphthylene	3.3	3.4	ug/Kg	103				70	130	
	Acenaphthylene	3.3	7.2	ug/Kg	218		*		70	130	
	Acenaphthene	3.3	3.3	ug/Kg	100				70	130	
	Acenaphthene	3.3	7.1	ug/Kg	215		*		70	130	
	Fluorene	3.3	7.1	ug/Kg	215		*		70	130	
	Fluorene	3.3	3.4	ug/Kg	103				70	130	
	4,6-Dinitro-2-methylphenol	6.6	5.7	ug/Kg	86				70	130	
	4,6-Dinitro-2-methylphenol	6.6	0	ug/Kg	0		*		70	130	
	4-Bromophenyl-phenylether	3.3	3.3	ug/Kg	100				70	130	
	4-Bromophenyl-phenylether	3.3	6.8	ug/Kg	206		*		70	130	
	Hexachlorobenzene	3.3	3.4	ug/Kg	103				70	130	
	Hexachlorobenzene	3.3	7.2	ug/Kg	218		*		70	130	
	Atrazine	3.3	6.1	ug/Kg	185		*		70	130	
	Atrazine	3.3	2.9	ug/Kg	88				70	130	
	Pentachlorophenol	6.6	0	ug/Kg	0		*		70	130	
	Pentachlorophenol	6.6	6.1	ug/Kg	92				70	130	
	Phenanthrene	3.3	7.3	ug/Kg	221		*		70	130	
	Phenanthrene	3.3	3.5	ug/Kg	106				70	130	
	Anthracene	3.3	7.1	ug/Kg	215		*		70	130	
	Anthracene	3.3	3.3	ug/Kg	100				70	130	
	Fluoranthene	3.3	3.3	ug/Kg	100				70	130	
	Fluoranthene	3.3	6.8	ug/Kg	206		*		70	130	
	Pyrene	3.3	7.4	ug/Kg	224		*		70	130	
	Pyrene	3.3	3.6	ug/Kg	109				70	130	
	Benzo(a)anthracene	3.3	6.7	ug/Kg	203		*		70	130	
	Benzo(a)anthracene	3.3	3.3	ug/Kg	100				70	130	
	Chrysene	3.3	3.5	ug/Kg	106				70	130	
	Chrysene	3.3	7.5	ug/Kg	227		*		70	130	
	bis(2-Ethylhexyl)phthalate	6.6	6.3	ug/Kg	95				70	130	
	bis(2-Ethylhexyl)phthalate	6.6	3.5	ug/Kg	53		*		70	130	
	Benzo(b)fluoranthene	3.3	3.3	ug/Kg	100				70	130	
	Benzo(b)fluoranthene	3.3	6.8	ug/Kg	206		*		70	130	
	Benzo(k)fluoranthene	3.3	3.2	ug/Kg	97				70	130	
	Benzo(k)fluoranthene	3.3	7.2	ug/Kg	218		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081224

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
P3390-02	Benzo(a)pyrene	3.3	3	ug/Kg	91				70	130	
	Benzo(a)pyrene	3.3	6.2	ug/Kg	188		*		70	130	
	Indeno(1,2,3-cd)pyrene	3.3	2.8	ug/Kg	85				70	130	
	Indeno(1,2,3-cd)pyrene	3.3	5.8	ug/Kg	176		*		70	130	
	Dibenz(a,h)anthracene	3.3	5.8	ug/Kg	176		*		70	130	
	Dibenz(a,h)anthracene	3.3	2.7	ug/Kg	82				70	130	
	Benzo(g,h,i)perylene	3.3	2.8	ug/Kg	85				70	130	
	Benzo(g,h,i)perylene	3.3	5.9	ug/Kg	179		*		70	130	
	1,4-Dioxane	6.6	7.4	ug/Kg	112				70	130	
	1,4-Dioxane	6.6	4.1	ug/Kg	62		*		70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162518BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081224

SAS No.: BN081224 SDG NO.: BN081224

Lab File ID: BN033346.D

Lab Sample ID: PB162518BL

Instrument ID: BNA_N

Date Extracted: 08/06/2024

Matrix: (soil/water) Water

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 11:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-WATER-01-QT3-2024	P3390-07	BN033351.D	08/12/2024
LOD-MDL-WATER-01-QT3-2024	P3390-07	BN033352.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162519BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081224

SAS No.: BN081224 SDG NO.: BN081224

Lab File ID: BN033345.D

Lab Sample ID: PB162519BL

Instrument ID: BNA_N

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 11:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT3-2024	P3390-01	BN033347.D	08/12/2024
LOD-MDL-SOIL-01-QT3-2024	P3390-01	BN033348.D	08/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN081224**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3390-07	LOD-MDL-WATE	BN033351.D	2-Methylnaphthalene-d10	0.4	0.52	130		30	150
		BN033352.D	2-Methylnaphthalene-d10	0.4	0.55	137		30	150
			Fluoranthene-d10	0.4	0.56	140		30	150
		BN033351.D	Fluoranthene-d10	0.4	0.54	134		30	150
			2-Fluorophenol	0.4	0.28	70		10	92
		BN033352.D	2-Fluorophenol	0.4	0.30	74		10	92
			Phenol-d6	0.4	0.32	81		10	100
		BN033351.D	Phenol-d6	0.4	0.30	74		10	100
		BN033352.D	Nitrobenzene-d5	0.4	0.36	90		11	175
		BN033351.D	Nitrobenzene-d5	0.4	0.35	88		11	175
			2-Fluorobiphenyl	0.4	0.35	88		10	175
		BN033352.D	2-Fluorobiphenyl	0.4	0.35	88		10	175
			2,4,6-Tribromophenol	0.4	0.28	70		24	148
		BN033351.D	2,4,6-Tribromophenol	0.4	0.26	65		24	148
			Terphenyl-d14	0.4	0.38	94		54	171
		BN033352.D	Terphenyl-d14	0.4	0.37	91		54	171
PB162518BL	PB162518BL	BN033346.D	2-Methylnaphthalene-d10	0.4	0.32	80		30	150
			Fluoranthene-d10	0.4	0.34	86		30	150
			2-Fluorophenol	0.4	0.31	76		10	92
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.34	86		11	175
			2-Fluorobiphenyl	0.4	0.38	95		10	175
			2,4,6-Tribromophenol	0.4	0.19	47		24	148
			Terphenyl-d14	0.4	0.39	98		54	171

Surrogate Summary

SW-846

SDG No.: **BN081224**

Client:

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-01	LOD-MDL-SOIL-0	BN033347.D	2-Methylnaphthalene-d10	0.4	0.52	129	*	21	128
		BN033348.D	2-Methylnaphthalene-d10	0.4	0.55	136	*	21	128
			Fluoranthene-d10	0.4	0.55	138	*	13	127
		BN033347.D	Fluoranthene-d10	0.4	0.55	136	*	13	127
		BN033348.D	2-Fluorophenol	0.4	0.29	74		28	122
		BN033347.D	2-Fluorophenol	0.4	0.28	71		28	122
		BN033348.D	Phenol-d6	0.4	0.32	79		12	126
		BN033347.D	Phenol-d6	0.4	0.30	76		12	126
			Nitrobenzene-d5	0.4	0.35	88		14	112
		BN033348.D	Nitrobenzene-d5	0.4	0.36	90		14	112
			2-Fluorobiphenyl	0.4	0.36	91		22	114
		BN033347.D	2-Fluorobiphenyl	0.4	0.36	90		22	114
			2,4,6-Tribromophenol	0.4	0.26	64		10	137
		BN033348.D	2,4,6-Tribromophenol	0.4	0.28	70		10	137
		BN033347.D	Terphenyl-d14	0.4	0.36	91		21	130
		BN033348.D	Terphenyl-d14	0.4	0.38	94		21	130
PB162519BL	PB162519BL	BN033345.D	2-Methylnaphthalene-d10	0.4	0.32	81		21	128
			Fluoranthene-d10	0.4	0.35	86		13	127
			2-Fluorophenol	0.4	0.31	76		28	122
			Phenol-d6	0.4	0.30	75		12	126
			Nitrobenzene-d5	0.4	0.35	86		14	112
			2-Fluorobiphenyl	0.4	0.37	92		22	114
			2,4,6-Tribromophenol	0.4	0.19	46		10	137
			Terphenyl-d14	0.4	0.39	98		21	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081224

Lab Code: CHEM

SAS No.: BN081224

SDG NO.: BN081224

Lab File ID: BN033343.D

DFTPP Injection Date: 08/12/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.4
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	45.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	9.1
442	Greater than 50% of mass 198	58.5
443	15.0 - 24.0% of mass 442	10.7 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033344.D	08/12/2024	10:34
PB162519BL	PB162519BL	BN033345.D	08/12/2024	11:10
PB162518BL	PB162518BL	BN033346.D	08/12/2024	11:46
LOD-MDL-SOIL-01-QT3-2024	P3390-01	BN033347.D	08/12/2024	12:22
LOD-MDL-SOIL-01-QT3-2024	P3390-01	BN033348.D	08/12/2024	12:58
LOD-MDL-WATER-01-QT3-2024	P3390-07	BN033351.D	08/12/2024	14:47
LOD-MDL-WATER-01-QT3-2024	P3390-07	BN033352.D	08/12/2024	15:24
SSTDCCC0.4EC	SSTDCCC0.4	BN033355.D	08/12/2024	17:38