

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081324 SAS No.: BN081324 SDG No.: BN081324

Instrument ID: BNA_N Calibration Date/Time: 8/13/2024 1:08:55

Lab File ID: BN033357.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	0.583		-5.357	20.0
Fluoranthene-d10	1.069	0.965		-9.729	20.0
n-Nitrosodimethylamine	0.572	0.611		6.818	20.0
2-Fluorophenol	1.105	1.023		-7.421	20.0
Phenol-d6	1.492	1.398		-6.3	20.0
bis(2-Chloroethyl) ether	1.209	1.158		-4.218	20.0
Nitrobenzene-d5	0.302	0.301		-0.331	20.0
Naphthalene	1.103	1.104		0.091	20.0
Hexachlorobutadiene	0.210	0.223		6.19	20.0
2-Methylnaphthalene	0.745	0.722		-3.087	20.0
2-Fluorobiphenyl	1.640	1.685		2.744	20.0
Acenaphthylene	1.867	1.764		-5.517	20.0
Acenaphthene	1.281	1.277		-0.312	20.0
Fluorene	1.689	1.694		0.296	20.0
4,6-Dinitro-2-methylphenol	0.049	0.045		-8.163	20.0
2,4,6-Tribromophenol	0.205	0.171		-16.585	20.0
4-Bromophenyl-phenylether	0.239	0.227		-5.021	20.0
Hexachlorobenzene	0.268	0.276		2.985	20.0
Atrazine	0.190	0.153		-19.474	20.0
Pentachlorophenol	0.108	0.109		0.926	20.0
Phenanthrene	1.155	1.151		-0.346	20.0
Anthracene	1.023	0.943		-7.82	20.0
Fluoranthene	1.422	1.326		-6.751	20.0
Pyrene	1.592	1.686		5.905	20.0
Terphenyl-d14	0.756	0.761		0.661	20.0
Benzo(a)anthracene	1.494	1.366		-8.568	20.0
Chrysene	1.504	1.573		4.588	20.0
Bis(2-ethylhexyl)phthalate	0.679	0.553		-18.557	20.0
Benzo(b)fluoranthene	1.505	1.476		-1.927	20.0
Benzo(k)fluoranthene	1.537	1.565		1.822	20.0
Benzo(a)pyrene	1.268	1.135		-10.489	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.371		-17.06	20.0
Dibenzo(a,h)anthracene	1.305	1.075		-17.625	20.0
Benzo(g,h,i)perylene	1.448	1.243		-14.157	20.0
1,4-Dioxane	0.444	0.450		1.351	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.: BN081324 SAS No.: BN081324 SDG No.: BN081324

Instrument ID: BNA_N Calibration Date/Time: 8/13/2024 1:14:22

Lab File ID: BN033364.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	0.589		-4.383	50.0
Fluoranthene-d10	1.069	0.980		-8.326	50.0
n-Nitrosodimethylamine	0.572	0.634		10.839	50.0
2-Fluorophenol	1.105	1.028		-6.968	50.0
Phenol-d6	1.492	1.423		-4.625	50.0
bis(2-Chloroethyl)ether	1.209	1.178		-2.564	50.0
Nitrobenzene-d5	0.302	0.306		1.325	50.0
Naphthalene	1.103	1.111		0.725	50.0
Hexachlorobutadiene	0.210	0.217		3.333	50.0
2-Methylnaphthalene	0.745	0.727		-2.416	50.0
2-Fluorobiphenyl	1.640	1.701		3.72	50.0
Acenaphthylene	1.867	1.773		-5.035	50.0
Acenaphthene	1.281	1.289		0.625	50.0
Fluorene	1.689	1.699		0.592	50.0
4,6-Dinitro-2-methylphenol	0.049	0.045		-8.163	50.0
2,4,6-Tribromophenol	0.205	0.168		-18.049	50.0
4-Bromophenyl-phenylether	0.239	0.225		-5.858	50.0
Hexachlorobenzene	0.268	0.267		-0.373	50.0
Atrazine	0.190	0.157		-17.368	50.0
Pentachlorophenol	0.108	0.104		-3.704	50.0
Phenanthrene	1.155	1.164		0.779	50.0
Anthracene	1.023	0.964		-5.767	50.0
Fluoranthene	1.422	1.345		-5.415	50.0
Pyrene	1.592	1.640		3.015	50.0
Terphenyl-d14	0.756	0.746		-1.323	50.0
Benzo(a)anthracene	1.494	1.418		-5.087	50.0
Chrysene	1.504	1.534		1.995	50.0
Bis(2-ethylhexyl)phthalate	0.679	0.579		-14.728	50.0
Benzo(b)fluoranthene	1.505	1.489		-1.063	50.0
Benzo(k)fluoranthene	1.537	1.568		2.017	50.0
Benzo(a)pyrene	1.268	1.133		-10.647	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.400		-15.306	50.0
Dibenzo(a,h)anthracene	1.305	1.122		-14.023	50.0
Benzo(g,h,i)perylene	1.448	1.269		-12.362	50.0
1,4-Dioxane	0.444	0.448		0.901	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162554BL	SDG No.:	BN081324
Lab Sample ID:	PB162554BL	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
BN033358.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162554BL	SDG No.:	BN081324
Lab Sample ID:	PB162554BL	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
BN033358.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.339		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.344		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.316		10-100		79	SPK: -0.4
13127-88-3	Phenol-d6	0.312		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		27-123		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.388		34-132		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.232		10-131		58	SPK: -0.4
1718-51-0	Terphenyl-d14	0.417		35-157		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4387	7.573				
1146-65-2	Naphthalene-d8	11417	10.338				
15067-26-2	Acenaphthene-d10	5896	14.212				
1517-22-2	Phenanthrene-d10	15738	16.958				
1719-03-5	Chrysene-d12	11871	21.166				
1520-96-3	Perylene-d12	10657	23.346				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162555BL	SDG No.:	BN081324
Lab Sample ID:	PB162555BL	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033359.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162555BL	SDG No.:	BN081324
Lab Sample ID:	PB162555BL	Matrix:	Solid
Analytical Method:	8270-Modified	% 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
BN033359.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.343		17-161		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.354		23-138		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.321		28-122		80	SPK: -0.4
13127-88-3	Phenol-d6	0.313		25-125		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.379		33-121		95	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.4		32-121		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.238		19-110		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.426		21-130		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4591	7.573				
1146-65-2	Naphthalene-d8	11855	10.338				
15067-26-2	Acenaphthene-d10	6031	14.212				
1517-22-2	Phenanthrene-d10	16305	16.958				
1719-03-5	Chrysene-d12	12117	21.166				
1520-96-3	Perylene-d12	10892	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:	MDL-SOIL-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.04 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
BN033360.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

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	3.7		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	3.5		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	52.8		14.61	3.3	52.8	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	3.2	J	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	3.5		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	3.6		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	3.4		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	3.8		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	3.7		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3.8	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	5.2	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:	MDL-SOIL-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.04 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
BN033360.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.511		17-161		128	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.538		23-138		134	SPK: -0.4
367-12-4	2-Fluorophenol	0.27		28-122		68	SPK: -0.4
13127-88-3	Phenol-d6	0.291		25-125		73	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.356		33-121		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.359		32-121		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.266		19-110		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.386		21-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3974	7.573				
1146-65-2	Naphthalene-d8	10822	10.338				
15067-26-2	Acenaphthene-d10	6144	14.212				
1517-22-2	Phenanthrene-d10	15339	16.958				
1719-03-5	Chrysene-d12	11804	21.166				
1520-96-3	Perylene-d12	12083	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:	MDL-SOIL-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.04 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
BN033361.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.4		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	7.4		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	7.2		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	7.1		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	7.1		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	6.1	J	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.7		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	6.9		2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.4		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7.2		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	7.6		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.8		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.6		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	6.5		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	5.9		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	5.8		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	8.3		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:	MDL-SOIL-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.04 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
BN033361.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.545		17-161		136	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.55		23-138		138	SPK: -0.4
367-12-4	2-Fluorophenol	0.287		28-122		72	SPK: -0.4
13127-88-3	Phenol-d6	0.312		25-125		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		33-121		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.36		32-121		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.274		19-110		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.373		21-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4331	7.573				
1146-65-2	Naphthalene-d8	11781	10.338				
15067-26-2	Acenaphthene-d10	6912	14.212				
1517-22-2	Phenanthrene-d10	16982	16.958				
1719-03-5	Chrysene-d12	13145	21.166				
1520-96-3	Perylene-d12	13803	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:	MDL-WATER-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-09	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
BN033362.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

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
Total PAH	Total PAH	1.59	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	0.12		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	0.08	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	0.14	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:	MDL-WATER-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-09	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
BN033362.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.521		20-139		130	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.524		30-150		131	SPK: -0.4
367-12-4	2-Fluorophenol	0.271		10-100		68	SPK: -0.4
13127-88-3	Phenol-d6	0.292		10-100		73	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.356		27-123		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		34-132		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.26		10-131		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.383		35-157		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4411	7.573				
1146-65-2	Naphthalene-d8	12058	10.338				
15067-26-2	Acenaphthene-d10	6983	14.212				
1517-22-2	Phenanthrene-d10	17465	16.958				
1719-03-5	Chrysene-d12	13286	21.166				
1520-96-3	Perylene-d12	13724	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:	MDL-WATER-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-09	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
BN033363.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.23		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
83-32-9	Acenaphthene	0.22		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.26		0.45	0.1	1.6	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	0.2		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	0.18	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.23		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	0.23		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.21		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	0.22		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	0.17		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	0.18		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	0.24		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:	MDL-WATER-03-QT3-2024	SDG No.:	BN081324
Lab Sample ID:	P3390-09	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
BN033363.D	1	8/7/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162554

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.546		20-139		137	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.554		30-150		138	SPK: -0.4
367-12-4	2-Fluorophenol	0.298		10-100		75	SPK: -0.4
13127-88-3	Phenol-d6	0.324		10-100		81	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.369		27-123		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.367		34-132		92	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.279		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.377		35-157		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5623	7.573				
1146-65-2	Naphthalene-d8	15598	10.338				
15067-26-2	Acenaphthene-d10	8913	14.212				
1517-22-2	Phenanthrene-d10	21603	16.958				
1719-03-5	Chrysene-d12	16734	21.165				
1520-96-3	Perylene-d12	17983	23.346				

Hit Summary Sheet SW-846

SDG No.: BN081324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT3-2024								
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dioxane	5.200	J	2.2	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylnaphthalene	3.400		0.8	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Bromophenyl-phenylether	3.200	J	0.79	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthene	3.400		0.55	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthylene	3.500		0.63	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Anthracene	3.400		0.79	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Atrazine	3.000	J	0.76	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(a)anthracene	3.300		0.76	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(a)pyrene	3.000	J	1.7	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(b)fluoranthene	3.300		1.2	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(g,h,i)perylene	2.800	J	1.1	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(k)fluoranthene	3.200	J	0.98	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	bis(2-Chloroethyl)ether	3.700		0.85	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Bis(2-ethylhexyl)phthalate	3.800	J	1.5	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Chrysene	3.700		0.86	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Dibenzo(a,h)anthracene	2.700	J	1.2	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluoranthene	3.300		0.67	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluorene	3.400		0.6	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobenzene	3.500		0.85	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobutadiene	3.500		0.69	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Indeno(1,2,3-cd)pyrene	2.800	J	1.3	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	n-Nitrosodimethylamine	3.900	J	1.3	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Naphthalene	3.600		0.69	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Phenanthrene	3.600		0.63	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyrene	3.800		0.95	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Total PAH	52.800		14.61	52.8	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dioxane	8.300		2.2	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylnaphthalene	7.200		0.8	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4,6-Dinitro-2-methylphenol	6.100	J	4.2	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Bromophenyl-phenylether	6.700		0.79	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthene	7.100		0.55	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthylene	7.100		0.63	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Anthracene	7.200		0.79	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Atrazine	6.000		0.76	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(a)anthracene	6.800		0.76	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(a)pyrene	5.900		1.7	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(b)fluoranthene	6.500		1.2	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(g,h,i)perylene	5.700		1.1	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(k)fluoranthene	6.700		0.98	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	bis(2-Chloroethyl)ether	7.400		0.85	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Bis(2-ethylhexyl)phthalate	6.800		1.5	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Chrysene	7.600		0.86	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Dibenzo(a,h)anthracene	5.800		1.2	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluoranthene	6.700		0.67	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluorene	7.100		0.6	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobenzene	7.100		0.85	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobutadiene	7.300		0.69	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Indeno(1,2,3-cd)pyrene	5.700		1.3	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	n-Nitrosodimethylamine	7.400		1.3	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Naphthalene	7.400		0.69	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pentachlorophenol	6.900		2.8	6.6	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Phenanthrene	7.400		0.63	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyrene	7.600		0.95	3.3	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Total PAH	108.000		14.61	52.8	ug/Kg

Total Svoc :

432.30

Total Concentration:

432.30

Client ID : MDL-WATER-03-QT3-2024

P3390-09	MDL-WATER-03-QT3-2024	Water	1,4-Dioxane	0.140	J	0.07	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	2-Methylnaphthalene	0.110		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	4-Bromophenyl-phenylether	0.100		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Acenaphthene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Acenaphthylene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Anthracene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Atrazine	0.090	J	0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Benzo(a)anthracene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Benzo(a)pyrene	0.090	J	0.06	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Benzo(b)fluoranthene	0.100		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Benzo(g,h,i)perylene	0.090	J	0.04	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Benzo(k)fluoranthene	0.100		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	bis(2-Chloroethyl)ether	0.110		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Chrysene	0.110		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Dibenzo(a,h)anthracene	0.080	J	0.04	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Fluoranthene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Fluorene	0.100		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Hexachlorobenzene	0.100		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Hexachlorobutadiene	0.110		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	Indeno(1,2,3-cd)pyrene	0.080	J	0.04	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN081324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	0.110	J	0.03	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	0.110		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	0.110		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	0.120		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	1.590	J	0.45	1.6	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dioxane	0.240		0.07	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	0.220		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4,6-Dinitro-2-methylphenol	0.180	J	0.14	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	0.200		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	0.220		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	0.220		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Anthracene	0.210		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Atrazine	0.180		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	0.210		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	0.170		0.06	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	0.190		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	0.170		0.04	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	0.200		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	0.230		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	0.220		0.14	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Chrysene	0.220		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	0.180		0.04	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	0.200		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluorene	0.220		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	0.210		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	0.220		0.03	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	0.170		0.04	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	0.230		0.03	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	0.220		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pentachlorophenol	0.180	J	0.09	0.2	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	0.230		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	0.230		0.02	0.1	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	3.260		0.45	1.6	ug/L
Total Svoc :					12.88		
Total Concentration:					12.88		

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.: BN081324 SAS No.: BN081324 SDG NO.: BN081324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 09:34

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 PB162554BL	4387	7.57	11417	10.34	5896	14.21
02 PB162555BL	4591	7.57	11855	10.34	6031	14.21
03 MDL-SOIL-03-QT3-2024	3974	7.57	10822	10.34	6144	14.21
04 MDL-SOIL-03-QT3-2024	4331	7.57	11781	10.34	6912	14.21
05 MDL-WATER-03-QT3-2024	4411	7.57	12058	10.34	6983	14.21
06 MDL-WATER-03-QT3-2024	5623	7.57	15598	10.34	8913	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.: BN081324 SAS No.: BN081324 SDG NO.: BN081324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033357.D Time Analyzed: 09:34

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	3864	7.573	10668	10.34	6200	14.21
UPPER LIMIT	7728	8.073	21336	10.838	12400	14.712
LOWER LIMIT	1932	7.073	5334	9.838	3100	13.712
EPA SAMPLE NO.						
01 PB162554BL	4387	7.57	11417	10.34	5896	14.21
02 PB162555BL	4591	7.57	11855	10.34	6031	14.21
03 MDL-SOIL-03-QT3-2024	3974	7.57	10822	10.34	6144	14.21
04 MDL-SOIL-03-QT3-2024	4331	7.57	11781	10.34	6912	14.21
05 MDL-WATER-03-QT3-2024	4411	7.57	12058	10.34	6983	14.21
06 MDL-WATER-03-QT3-2024	5623	7.57	15598	10.34	8913	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.: BN081324 SAS No.: BN081324 SDG NO.: BN081324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 09:34

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 PB162554BL	15738	16.96	11871	21.17	10657	23.35
02 PB162555BL	16305	16.96	12117	21.17	10892	23.35
03 MDL-SOIL-03-QT3-2024	15339	16.96	11804	21.17	12083	23.35
04 MDL-SOIL-03-QT3-2024	16982	16.96	13145	21.17	13803	23.35
05 MDL-WATER-03-QT3-2024	17465	16.96	13286	21.17	13724	23.35
06 MDL-WATER-03-QT3-2024	21603	16.96	16734	21.17	17983	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.: BN081324 SAS No.: BN081324 SDG NO.: BN081324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033357.D Time Analyzed: 09:34

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	15498	16.958	12286	21.166	11784	23.349
UPPER LIMIT	30996	17.458	24572	21.666	23568	23.849
LOWER LIMIT	7749	16.458	6143	20.666	5892	22.849
EPA SAMPLE NO.						
01 PB162554BL	15738	16.96	11871	21.17	10657	23.35
02 PB162555BL	16305	16.96	12117	21.17	10892	23.35
03 MDL-SOIL-03-QT3-2024	15339	16.96	11804	21.17	12083	23.35
04 MDL-SOIL-03-QT3-2024	16982	16.96	13145	21.17	13803	23.35
05 MDL-WATER-03-QT3-2024	17465	16.96	13286	21.17	13724	23.35
06 MDL-WATER-03-QT3-2024	21603	16.96	16734	21.17	17983	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162554BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081324

SAS No.: BN081324 SDG NO.: BN081324

Lab File ID: BN033358.D

Lab Sample ID: PB162554BL

Instrument ID: BNA_N

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 09:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT3-2024	P3390-09	BN033362.D	08/13/2024
MDL-WATER-03-QT3-2024	P3390-09	BN033363.D	08/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162555BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081324

SAS No.: BN081324 SDG NO.: BN081324

Lab File ID: BN033359.D

Lab Sample ID: PB162555BL

Instrument ID: BNA_N

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT3-2024	P3390-03	BN033360.D	08/13/2024
MDL-SOIL-03-QT3-2024	P3390-03	BN033361.D	08/13/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN081324

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-09	MDL-WATER-03-C	BN033362.D	2-Methylnaphthalene-d10	0.4	0.52	130		20	139
		BN033363.D	2-Methylnaphthalene-d10	0.4	0.55	137		20	139
			Fluoranthene-d10	0.4	0.55	138		30	150
		BN033362.D	Fluoranthene-d10	0.4	0.52	131		30	150
			2-Fluorophenol	0.4	0.27	68		10	100
		BN033363.D	2-Fluorophenol	0.4	0.30	75		10	100
			Phenol-d6	0.4	0.32	81		10	100
		BN033362.D	Phenol-d6	0.4	0.29	73		10	100
		BN033363.D	Nitrobenzene-d5	0.4	0.37	92		27	123
		BN033362.D	Nitrobenzene-d5	0.4	0.36	89		27	123
			2-Fluorobiphenyl	0.4	0.36	90		34	132
		BN033363.D	2-Fluorobiphenyl	0.4	0.37	92		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
		BN033362.D	2,4,6-Tribromophenol	0.4	0.26	65		10	131
			Terphenyl-d14	0.4	0.38	96		35	157
PB162554BL	PB162554BL	BN033363.D	Terphenyl-d14	0.4	0.38	94		35	157
		BN033358.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.34	86		30	150
			2-Fluorophenol	0.4	0.32	79		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.37	92		27	123
			2-Fluorobiphenyl	0.4	0.39	97		34	132
			2,4,6-Tribromophenol	0.4	0.23	58		10	131
			Terphenyl-d14	0.4	0.42	104		35	157

Surrogate Summary

SW-846

SDG No.: **BN081324**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-03	MDL-SOIL-03-QT	BN033360.D	2-Methylnaphthalene-d10	0.4	0.51	128		17	161
		BN033361.D	2-Methylnaphthalene-d10	0.4	0.55	136		17	161
			Fluoranthene-d10	0.4	0.55	138		23	138
		BN033360.D	Fluoranthene-d10	0.4	0.54	134		23	138
		BN033361.D	2-Fluorophenol	0.4	0.29	72		28	122
		BN033360.D	2-Fluorophenol	0.4	0.27	68		28	122
		BN033361.D	Phenol-d6	0.4	0.31	78		25	125
		BN033360.D	Phenol-d6	0.4	0.29	73		25	125
			Nitrobenzene-d5	0.4	0.36	89		33	121
		BN033361.D	Nitrobenzene-d5	0.4	0.37	92		33	121
			2-Fluorobiphenyl	0.4	0.36	90		32	121
		BN033360.D	2-Fluorobiphenyl	0.4	0.36	90		32	121
			2,4,6-Tribromophenol	0.4	0.27	67		19	110
		BN033361.D	2,4,6-Tribromophenol	0.4	0.27	68		19	110
		BN033360.D	Terphenyl-d14	0.4	0.39	97		21	130
		BN033361.D	Terphenyl-d14	0.4	0.37	93		21	130
PB162555BL	PB162555BL	BN033359.D	2-Methylnaphthalene-d10	0.4	0.34	86		17	161
			Fluoranthene-d10	0.4	0.35	88		23	138
			2-Fluorophenol	0.4	0.32	80		28	122
			Phenol-d6	0.4	0.31	78		25	125
			Nitrobenzene-d5	0.4	0.38	95		33	121
			2-Fluorobiphenyl	0.4	0.40	100		32	121
			2,4,6-Tribromophenol	0.4	0.24	60		19	110
			Terphenyl-d14	0.4	0.43	106		21	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081324

Lab Code: CHEM

SAS No.: BN081324

SDG NO.: BN081324

Lab File ID: BN033356.D

DFTPP Injection Date: 08/13/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.1
68	Less than 2.0% of mass 69	0.8 (1.6) 1
69	Mass 69 relative abundance	46.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	9.6
442	Greater than 50% of mass 198	60.4
443	15.0 - 24.0% of mass 442	11.5 (19.1) 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	BN033357.D	08/13/2024	08:55
PB162554BL	PB162554BL	BN033358.D	08/13/2024	09:34
PB162555BL	PB162555BL	BN033359.D	08/13/2024	10:17
MDL-SOIL-03-QT3-2024	P3390-03	BN033360.D	08/13/2024	11:14
MDL-SOIL-03-QT3-2024	P3390-03	BN033361.D	08/13/2024	11:50
MDL-WATER-03-QT3-2024	P3390-09	BN033362.D	08/13/2024	12:27
MDL-WATER-03-QT3-2024	P3390-09	BN033363.D	08/13/2024	13:03
SSTDCCC0.4EC	SSTDCCC0.4	BN033364.D	08/13/2024	14:22