Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044551.D
Acq On : 07 Mar 2024 15:17
Operator : MA/JU
Sample : P1601-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 07 15:53:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

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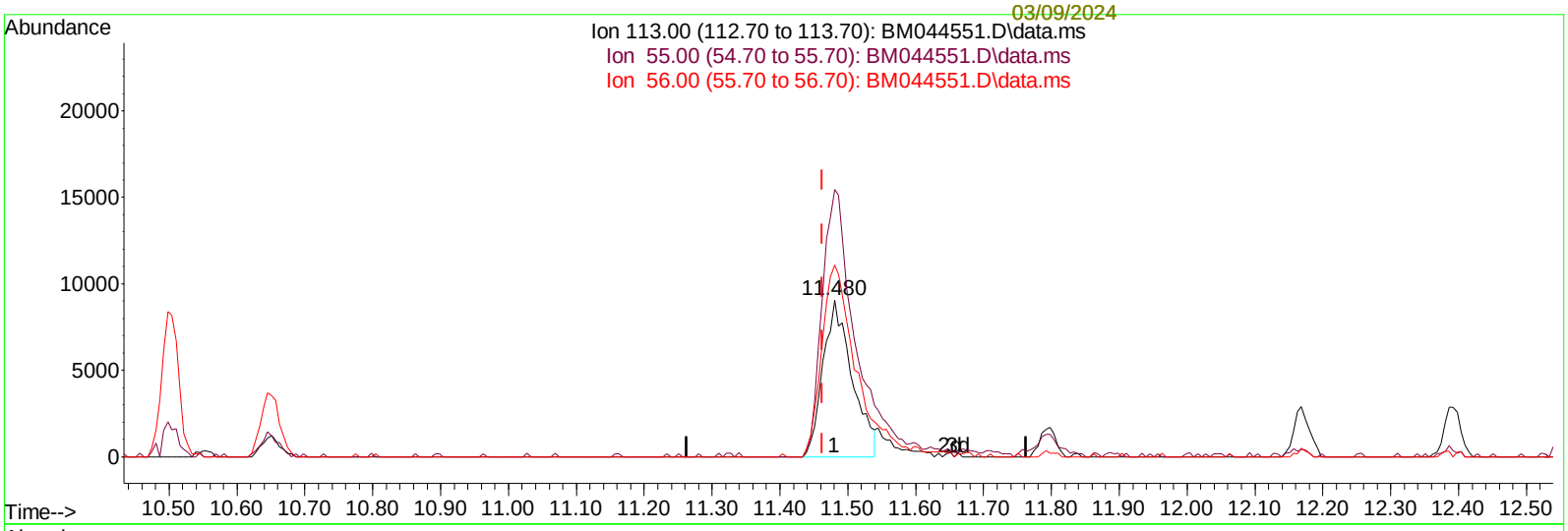
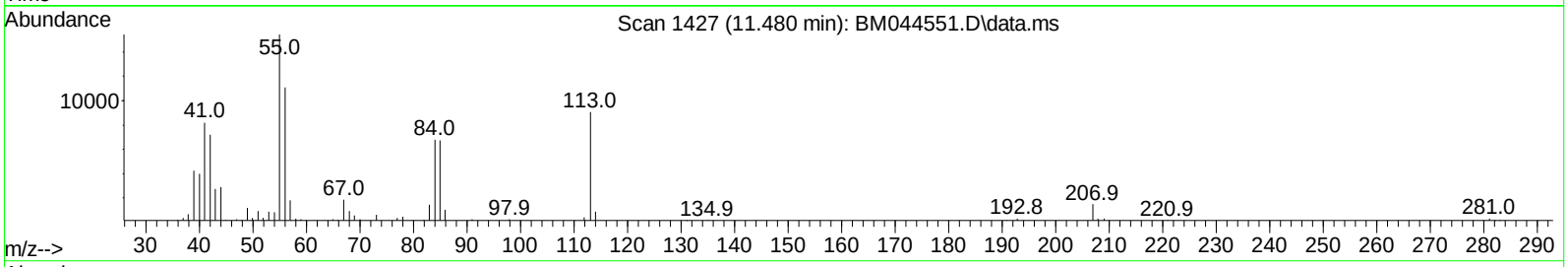
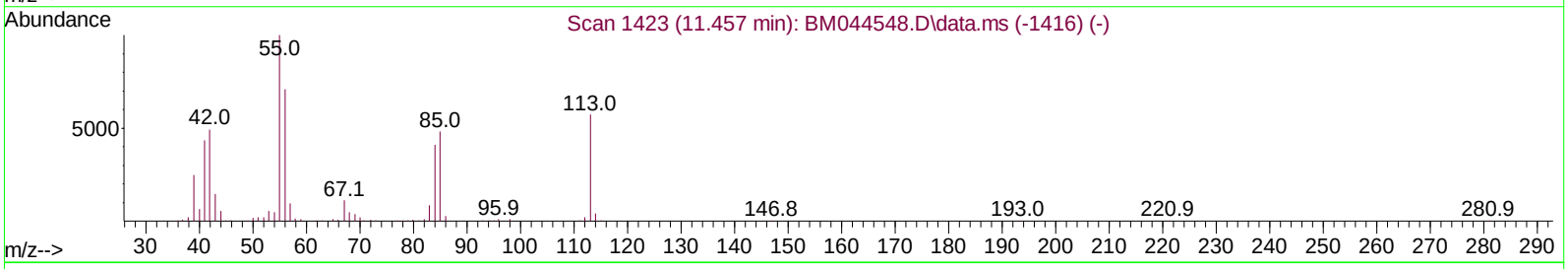
03/09/2024







TIC: BM044551.D\data.ms

(34) Caprolactam

11.480min (+ 0.018) 3.68 ng/ul

response 27012

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	170.41
56.00	127.70	122.24
0.00	0.00	0.00

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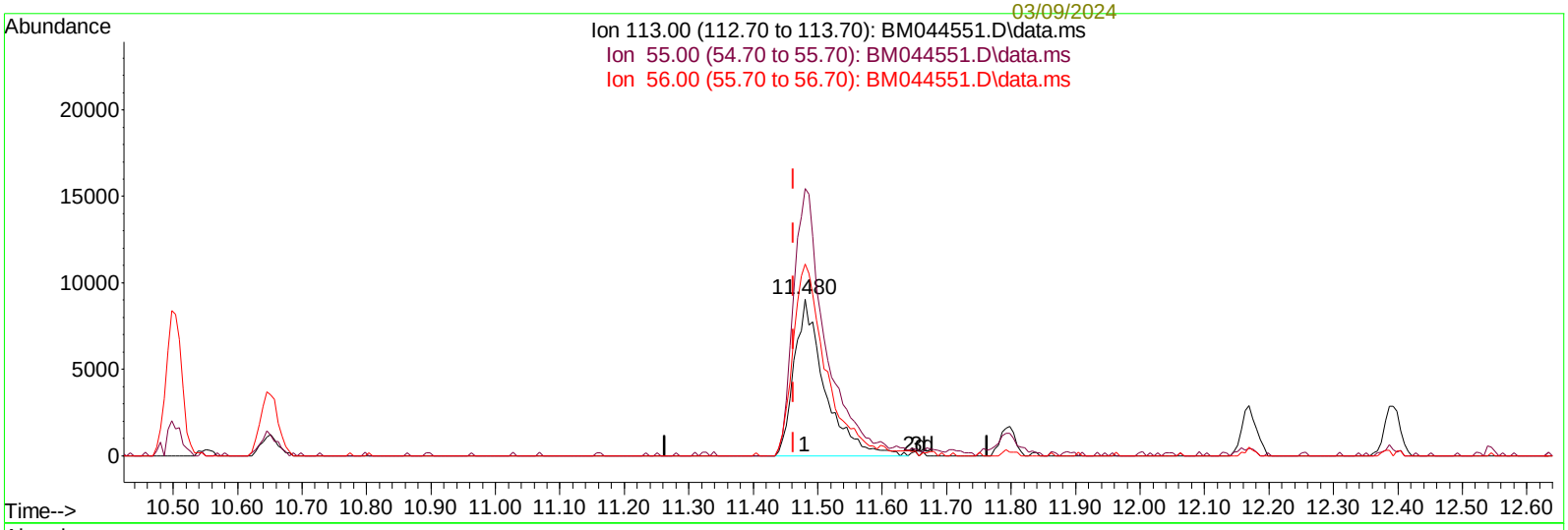

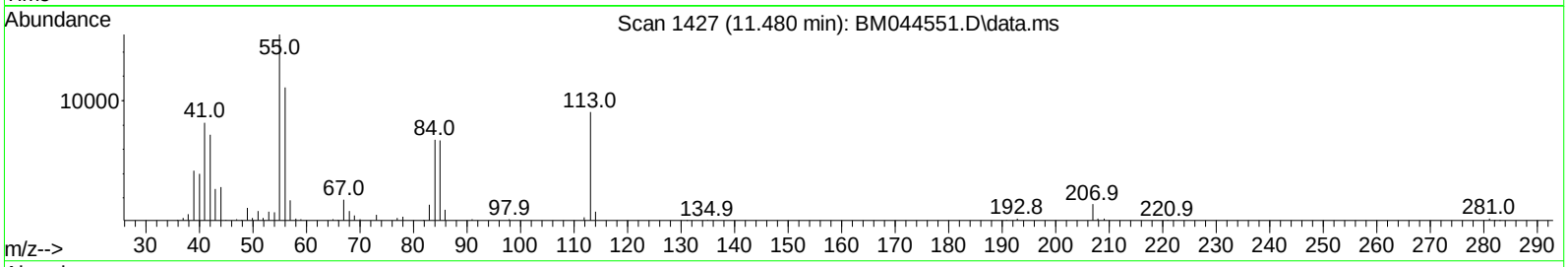

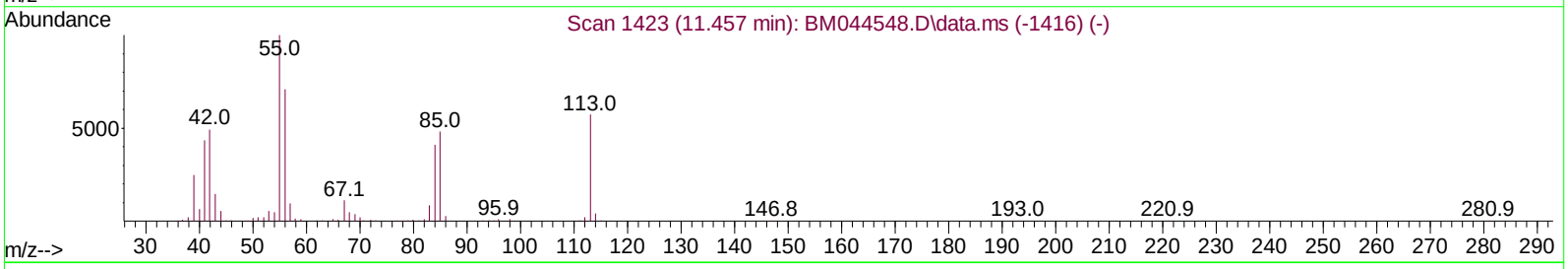

TIC: BM044551.D\data.ms

(34) Caprolactam

11.480min (+ 0.018) 4.09 ng/ul m

response 30030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	170.41
56.00	127.70	122.24
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272519	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1221888	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	768304	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1639010	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1443901	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1362039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35306	4.394	ng/uL	-0.01
4) Pyridine-d5	3.669	84	498826	21.093	ng/ul	-0.01
7) Phenol-d5	6.892	99	583121	20.812	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	373972	21.609	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	439799	21.360	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	449685	20.437	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	231483	22.498	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	249025	22.451	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	416992	22.089	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.651	131	654882	20.888	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	1300054	21.571	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1505181	21.837	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	255752	20.463	ng/ul	0.00
60) Fluorene-d10	15.363	176	1143745	22.583	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	199246	18.728	ng/ul	0.00
73) Anthracene-d10	17.215	188	1649052	21.049	ng/ul	0.00
81) Pyrene-d10	19.515	212	1961456	22.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	1593698	22.261	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	8796	1.057	ng/uL	90
5) Pyridine	3.693	79	98685	4.023	ng/ul#	65
6) Benzaldehyde	6.881	77	70308	5.761	ng/ul	97
8) Phenol	6.916	94	115321	4.033	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.163	93	97996	4.174	ng/ul	96
12) 2-Chlorophenol	7.287	128	90312	4.253	ng/ul	97
13) 2-Methylphenol	8.157	108	83749	3.860	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.245	45	140988	4.547	ng/ul	99
16) Acetophenone	8.545	105	147211	4.314	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.528	70	75235	4.267	ng/ul	94
18) 4-Methylphenol	8.486	108	92998	3.937	ng/ul	95
19) Hexachloroethane	8.781	117	36756	4.225	ng/ul	94
22) Nitrobenzene	8.922	77	108266	4.437	ng/ul	95
23) Isophorone	9.445	82	206529	4.149	ng/ul	99
25) 2-Nitrophenol	9.628	139	51525	4.261	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	71366	3.243	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.933	93	134457	4.295	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	84169	4.466	ng/ul	96
30) Naphthalene	10.551	128	308310	4.455	ng/ul	100
32) 4-Chloroaniline	10.675	127	125203	4.142	ng/ul	94
33) Hexachlorobutadiene	10.822	225	48305	4.573	ng/ul	95
34) Caprolactam	11.480	113	30030m	4.092	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	88406	4.045	ng/ul	98

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QLast Update : Tue Mar 05 23:05:11 2024
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Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

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03/09/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	203320	4.418 ng/ul	99
37) 1-Methylnaphthalene	12.392	142	211778	4.665 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.539	216	99282	4.542 ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	52599	3.625 ng/ul	94
41) 2,4,6-Trichlorophenol	12.786	196	59126	3.859 ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	66863	4.072 ng/ul	98
43) 1,1'-Biphenyl	13.192	154	268985	4.409 ng/ul	99
44) 2-Chloronaphthalene	13.233	162	206231	4.308 ng/ul	99
45) 2-Nitroaniline	13.451	65	57569	3.830 ng/ul	93
47) Dimethylphthalate	13.833	163	264871	4.319 ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	44575	3.639 ng/ul	93
50) Acenaphthylene	14.086	152	351475	4.375 ng/ul	99
51) 3-Nitroaniline	14.286	138	49409	3.734 ng/ul	94
52) Acenaphthene	14.427	153	231282	4.379 ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	34120	4.354 ng/ul	95
55) 4-Nitrophenol	14.586	109	40858	4.666 ng/ul	92
56) Dibenzofuran	14.768	168	311742	4.438 ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	68241	3.859 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	55188	4.061 ng/ul	97
59) Diethylphthalate	15.204	149	258670	4.064 ng/ul	98
61) Fluorene	15.415	166	261450	4.551 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.421	204	122551	4.596 ng/ul	98
63) 4-Nitroaniline	15.451	138	51429	4.067 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.504	198	50480	4.440 ng/ul#	90
67) N-Nitrosodiphenylamine	15.633	169	210874	4.272 ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	73102	4.459 ng/ul	96
69) Hexachlorobenzene	16.409	284	86494	4.632 ng/ul	90
70) Atrazine	16.598	200	82528	5.116 ng/ul	98
71) Pentachlorophenol	16.762	266	57873	4.694 ng/ul	97
72) Phenanthrene	17.162	178	406780	4.375 ng/ul	99
74) Anthracene	17.251	178	387455	4.121 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	95712	4.372 ng/uL	99
76) Pentachlorobenzene	14.674	250	106477	5.031 ng/uL	98
77) Carbazole	17.527	167	365047	4.131 ng/ul	100
78) Di-n-butylphthalate	18.104	149	432569	3.640 ng/ul	99
80) Fluoranthene	19.180	202	447096	4.239 ng/ul	98
82) Pyrene	19.545	202	481696	4.387 ng/ul	97
83) Butylbenzylphthalate	20.462	149	175555	3.252 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	145105	4.646 ng/ul	99
85) Benzo(a)anthracene	21.297	228	446890	4.121 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.244	149	264284	3.357 ng/ul#	99
87) Chrysene	21.350	228	412425	4.108 ng/ul	100
89) Di-n-octyl phthalate	22.133	149	447228	3.669 ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	379000	4.159 ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	404101	4.527 ng/ul	98
93) Benzo(a)pyrene	23.468	252	357558	4.194 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.844	276	370680	3.876 ng/ul	98
95) Dibenzo(a,h)anthracene	25.862	278	316217	3.966 ng/ul	97
96) Benzo(g,h,i)perylene	26.544	276	291304	3.817 ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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