Quantitation Report (Qedit)

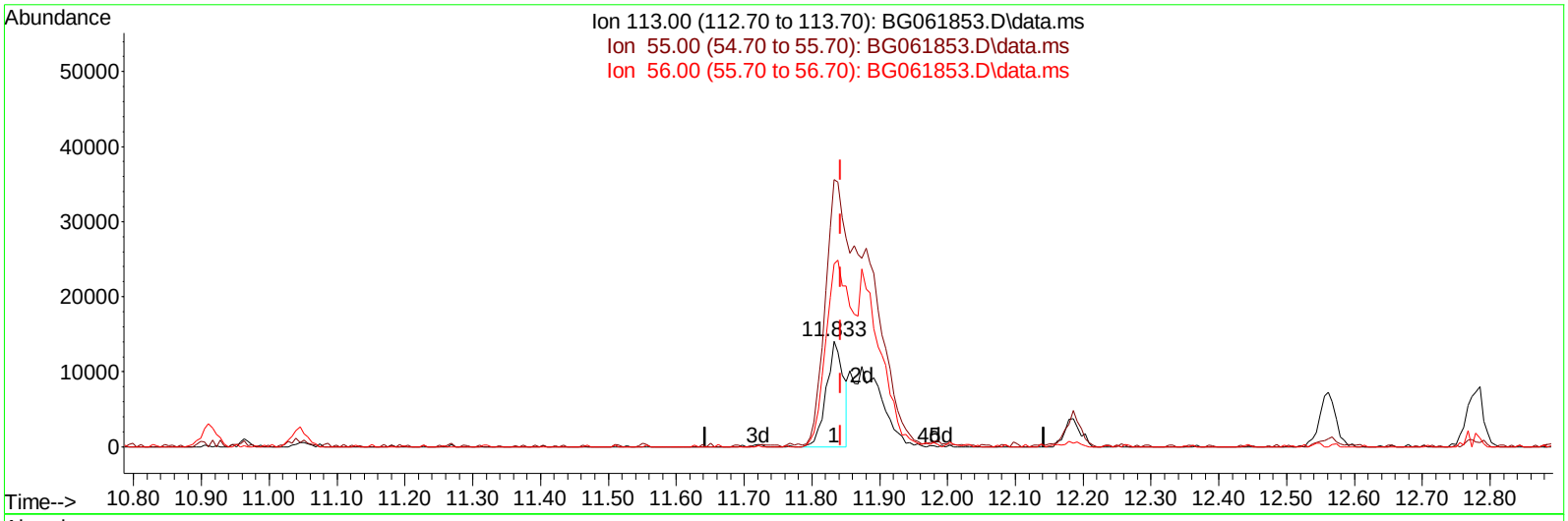
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061853.D
Acq On : 2 Jul 2024 20:39
Operator : MA/JU
Sample : SSTD04019
Misc :
ALS Vial : 5 Sample Multiplier: 1

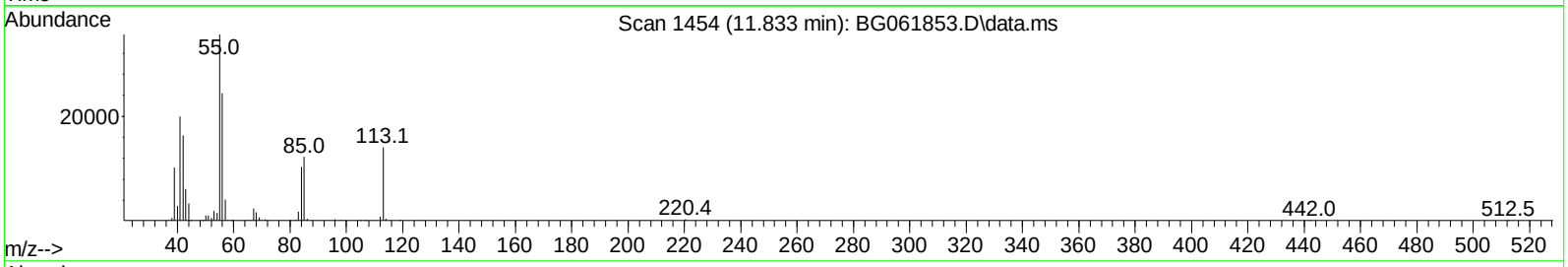
Quant Time: Jul 03 02:08:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

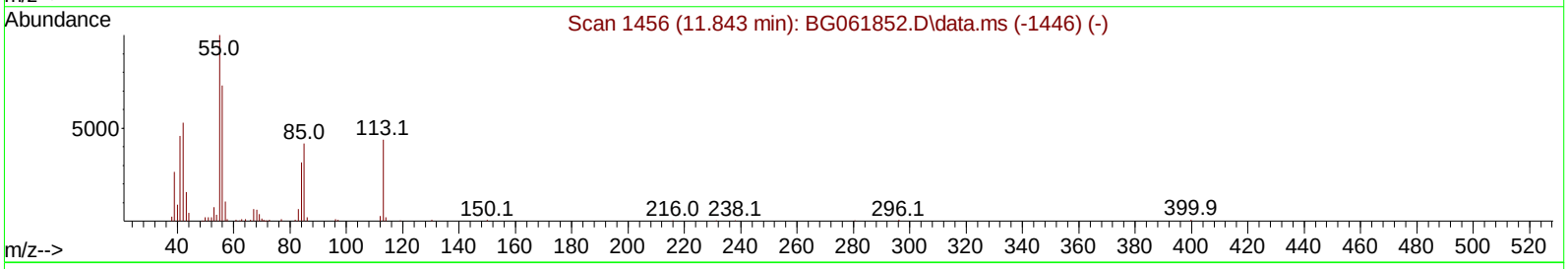
Instrument :
BNA_G
ClientSampleId :
SSTD040449

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024







TIC: BG061853.D\data.ms

(34) Caprolactam

11.833min (-0.010) 16.37 ng/ul

response 24763

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	252.69
56.00	168.80	173.14
0.00	0.00	0.00

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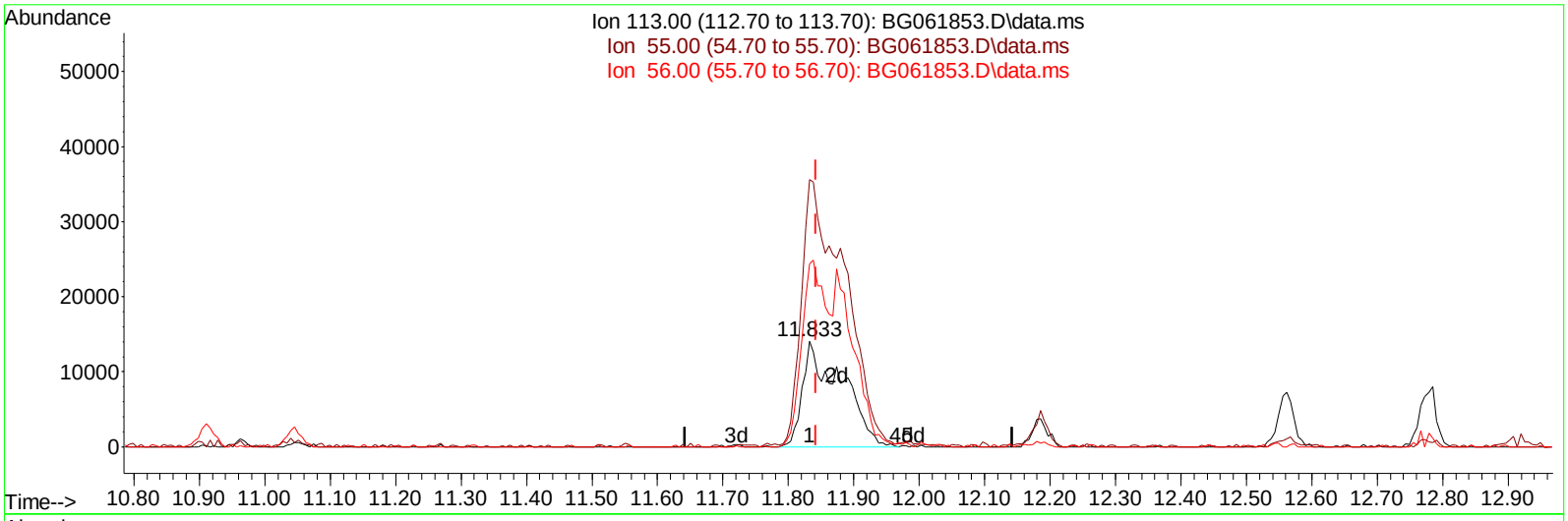

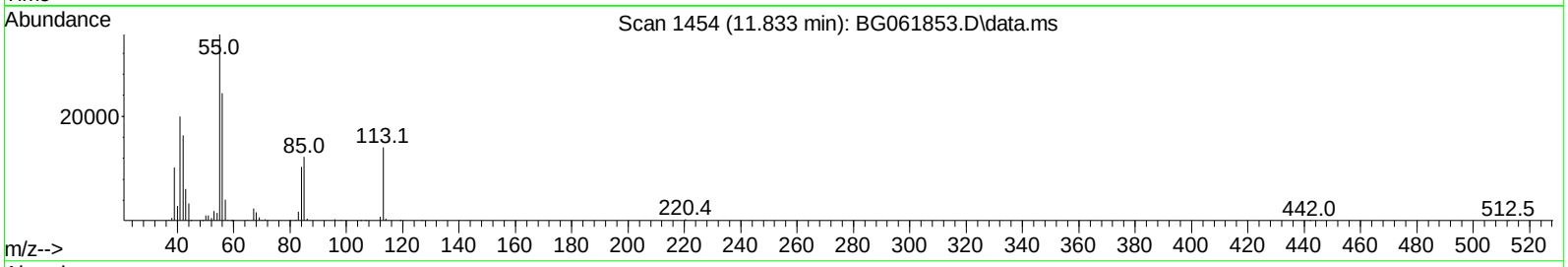

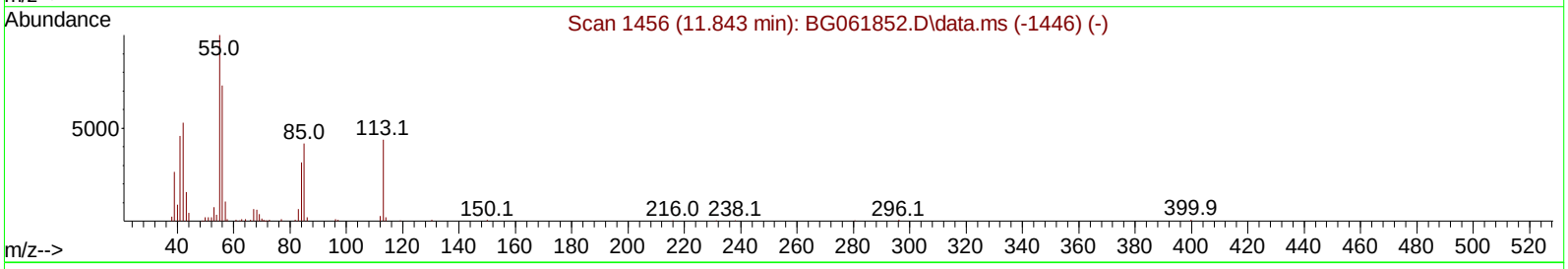

TIC: BG061853.D\data.ms

(34) Caprolactam

11.833min (-0.010) 38.31 ng/ul m

response 57953

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	252.69
56.00	168.80	173.14
0.00	0.00	0.00

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Acq On : 2 Jul 2024 20:39
Operator : MA/JU
Sample : SSTD04019
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 03 02:23:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	47087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	245230	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.718	164	172589	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.461	188	403396	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	351116	20.000	ng/ul	0.00
88) Perylene-d12	24.964	264	413096	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.490	96	21338	16.370	ng/uL	0.00
4) Pyridine-d5	3.907	84	153816	39.030	ng/ul	0.00
7) Phenol-d5	7.256	99	205475	40.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.420	67	131499	41.267	ng/ul	0.00
11) 2-Chlorophenol-d4	7.632	132	145761	41.553	ng/ul	0.00
15) 4-Methylphenol-d8	8.807	113	165522	41.886	ng/ul	0.00
21) Nitrobenzene-d5	9.265	128	75760	45.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.988	143	87903	52.124	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	168077	42.090	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	236815	39.170	ng/ul	0.00
46) Dimethylphthalate-d6	14.124	166	547675	41.236	ng/ul	0.00
49) Acenaphthylene-d8	14.418	160	600613	41.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.917	143	94641	41.491	ng/ul	0.00
60) Fluorene-d10	15.710	176	468555	40.298	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	88287	51.182	ng/ul	0.00
73) Anthracene-d10	17.561	188	752349	40.859	ng/ul	0.00
81) Pyrene-d10	19.841	212	823812	42.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.747	264	837147	42.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	21090	13.019	ng/uL	96
5) Pyridine	3.930	79	160960	37.994	ng/ul	94
6) Benzaldehyde	7.238	77	119642	47.563	ng/ul	89
8) Phenol	7.279	94	216855	40.314	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.514	93	164702	40.680	ng/ul	96
12) 2-Chlorophenol	7.661	128	145563	41.362	ng/ul	92
13) 2-Methylphenol	8.537	108	155475	41.310	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.619	45	361770	43.736	ng/ul#	97
16) Acetophenone	8.924	105	276475	42.489	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.907	70	153688	43.968	ng/ul	93
18) 4-Methylphenol	8.866	108	173913	41.247	ng/ul	98
19) Hexachloroethane	9.183	117	62128	44.029	ng/ul#	86
22) Nitrobenzene	9.306	77	216825	45.202	ng/ul	97
23) Isophorone	9.829	82	452657	41.033	ng/ul	96
25) 2-Nitrophenol	10.017	139	89387	50.688	ng/ul	98
26) 2,4-Dimethylphenol	10.076	107	207502	42.072	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.311	93	257954	41.336	ng/ul	98
29) 2,4-Dichlorophenol	10.558	162	150289	41.078	ng/ul	91
30) Naphthalene	10.963	128	536239	39.080	ng/ul	96
32) 4-Chloroaniline	11.069	127	234879	39.172	ng/ul	94
33) Hexachlorobutadiene	11.239	225	114604	45.348	ng/ul	88
34) Caprolactam	11.833	113	57953m	38.307	ng/ul	
35) 4-Chloro-3-methylphenol	12.185	107	201064	39.299	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.561	142	379901	39.238	ng/ul	96
37) 1-Methylnaphthalene	12.779	142	395565	38.290	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.920	216	210193	43.033	ng/ul	97
40) Hexachlorocyclopentadiene	12.896	237	140556	48.364	ng/ul	98
41) 2,4,6-Trichlorophenol	13.161	196	140919	44.716	ng/ul	96
42) 2,4,5-Trichlorophenol	13.237	196	149784	43.606	ng/ul	91
43) 1,1'-Biphenyl	13.560	154	523971	41.911	ng/ul	100
44) 2-Chloronaphthalene	13.607	162	395949	41.231	ng/ul	96
45) 2-Nitroaniline	13.807	65	167666	51.001	ng/ul	99
47) Dimethylphthalate	14.171	163	522641	39.628	ng/ul	99
48) 2,6-Dinitrotoluene	14.294	165	108108	49.397	ng/ul	97
50) Acenaphthylene	14.447	152	647059	39.825	ng/ul	98
51) 3-Nitroaniline	14.624	138	105067	46.879	ng/ul#	98
52) Acenaphthene	14.788	153	450629	40.049	ng/ul	94
53) 2,4-Dinitrophenol	14.829	184	54229	48.760	ng/ul	92
55) 4-Nitrophenol	14.935	109	104450	44.343	ng/ul	94
56) Dibenzofuran	15.117	168	627202	39.833	ng/ul	99
57) 2,4-Dinitrotoluene	15.082	165	157553	48.499	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.340	232	132721	39.406	ng/ul	97
59) Diethylphthalate	15.528	149	565372	41.623	ng/ul	98
61) Fluorene	15.769	166	517217	39.691	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.758	204	258363	39.939	ng/ul	95
63) 4-Nitroaniline	15.787	138	107585	45.311	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.840	198	97707	50.008	ng/ul	96
67) N-Nitrosodiphenylamine	15.969	169	440285	42.206	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	189247	45.563	ng/ul	96
69) Hexachlorobenzene	16.762	284	203755	40.424	ng/ul	98
70) Atrazine	16.915	200	175013	42.002	ng/ul	93
71) Pentachlorophenol	17.109	266	118305	38.531	ng/ul	94
72) Phenanthrene	17.508	178	848498	39.981	ng/ul	100
74) Anthracene	17.597	178	866562	39.930	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.525	216	207543	46.179	ng/ul	94
76) Pentachlorobenzene	15.035	250	233141	43.196	ng/ul	95
77) Carbazole	17.867	167	758618	41.169	ng/ul	97
78) Di-n-butylphthalate	18.413	149	945903	42.920	ng/ul	100
80) Fluoranthene	19.506	202	977179	42.941	ng/ul	99
82) Pyrene	19.870	202	1005917	41.572	ng/ul	98
83) Butylbenzylphthalate	20.746	149	421272	47.818	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.621	252	356625	48.036	ng/ul	100
85) Benzo(a)anthracene	21.709	228	1020090	41.389	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.604	149	602783	46.547	ng/ul	97
87) Chrysene	21.774	228	943169	40.443	ng/ul	98
89) Di-n-octyl phthalate	22.832	149	1044926	47.959	ng/ul	100
90) Benzo(b)fluoranthene	23.936	252	1037431	41.777	ng/ul	99
91) Benzo(k)fluoranthene	24.007	252	1045110	40.923	ng/ul	97
93) Benzo(a)pyrene	24.823	252	992393	41.511	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.678	276	1267060	42.532	ng/ul	98
95) Dibenzo(a,h)anthracene	28.742	278	1053575	42.531	ng/ul#	98
96) Benzo(g,h,i)perylene	29.829	276	1001112	41.688	ng/ul	99

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

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