Quantitation Report (Qedit)

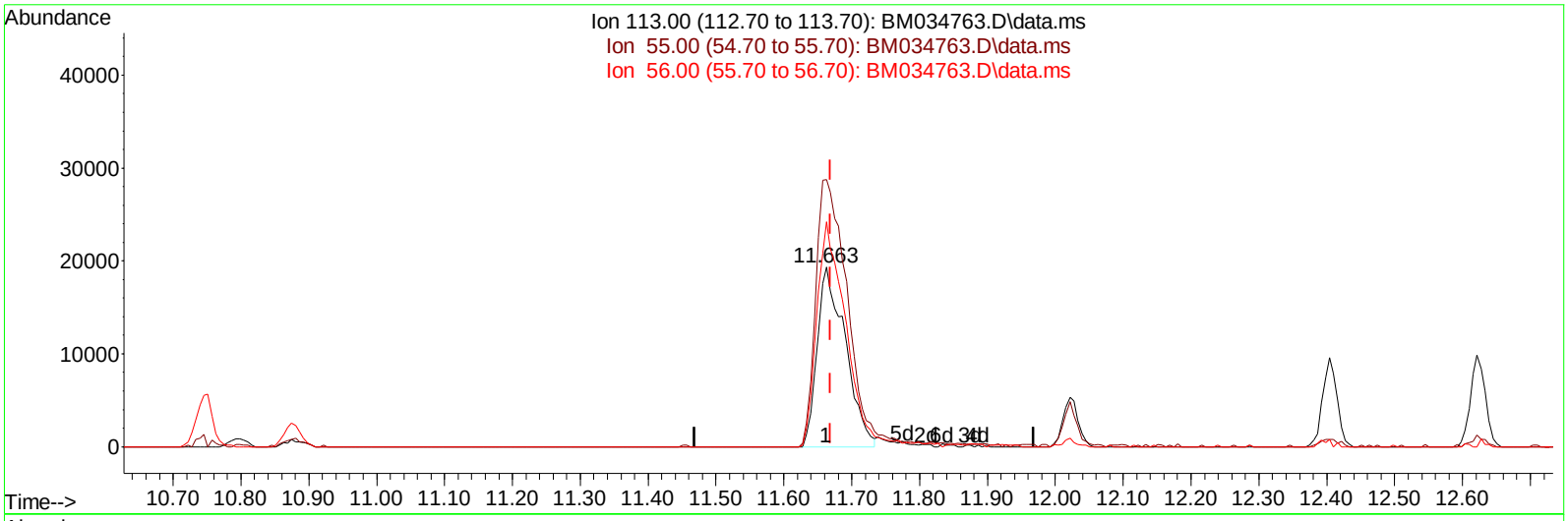
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034763.D
Acq On : 22 Apr 2022 01:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

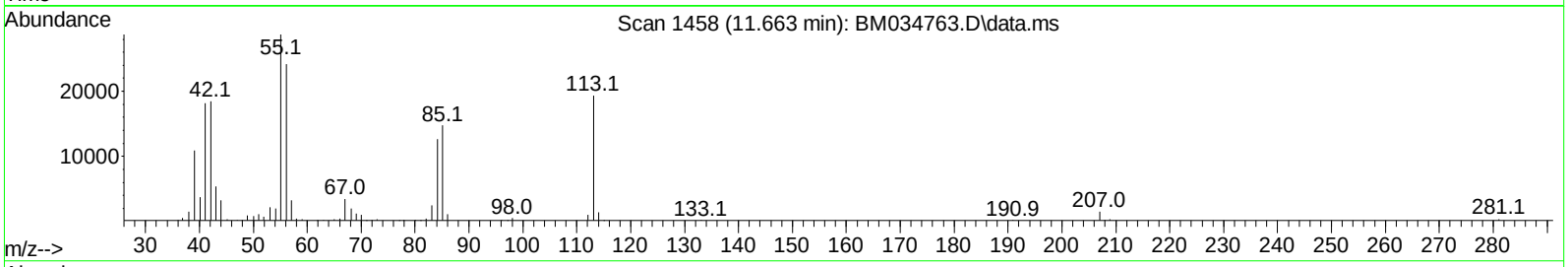
Quant Time: Apr 22 08:28:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

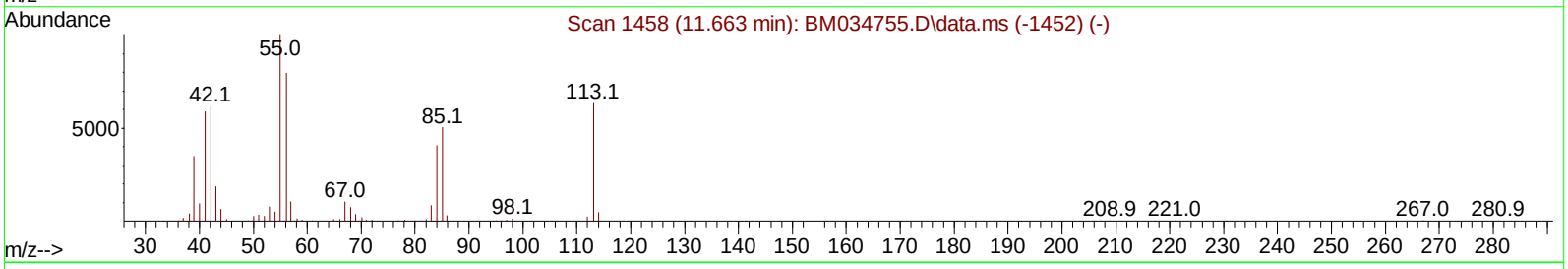
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034763.D\data.ms

(34) Caprolactam

11.663min (-0.006) 18.94 ng/ul

response 55536

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	148.39
56.00	130.40	124.92
0.00	0.00	0.00

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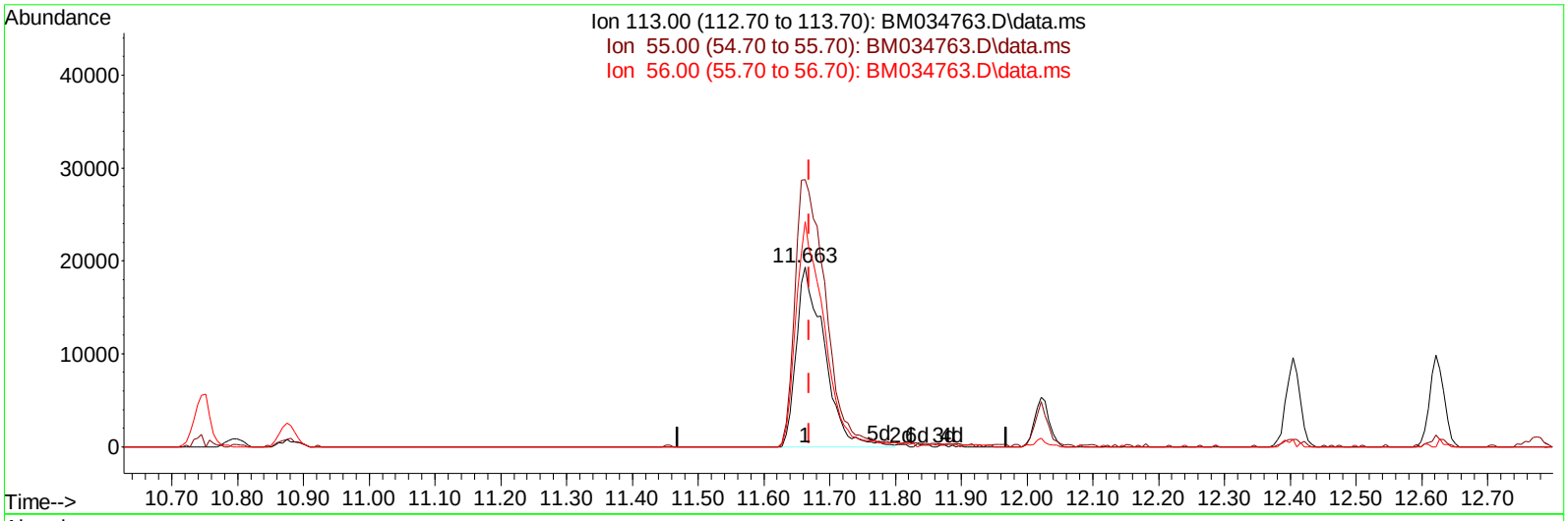

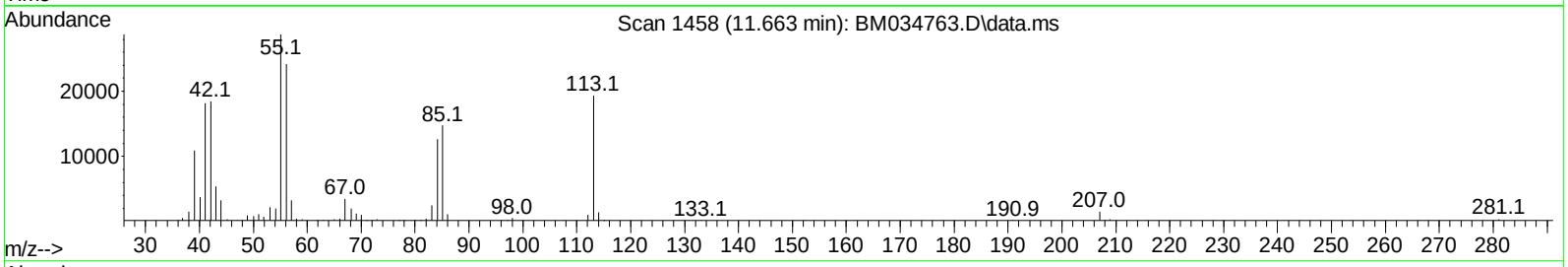

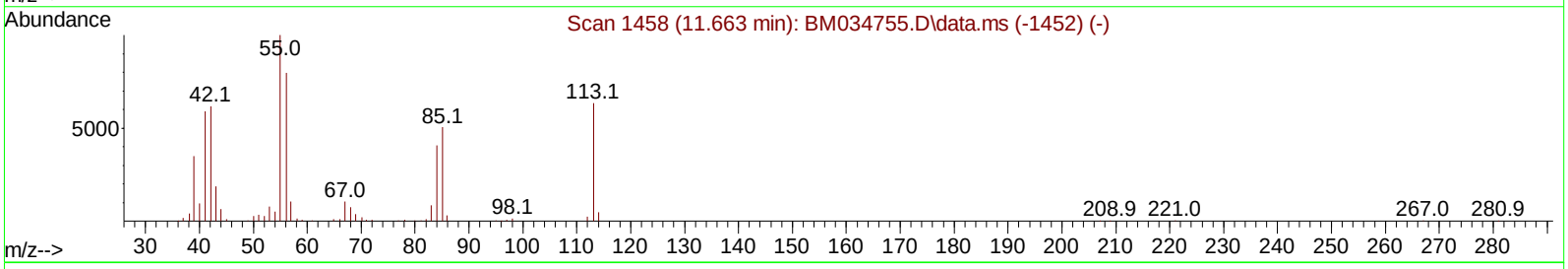

TIC: BM034763.D\data.ms

(34) Caprolactam

11.663min (-0.006) 19.59 ng/ul m

response 57441

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	148.39
56.00	130.40	124.92
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	7.945	152	197452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.745	136	754691	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	451915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	908972	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240	981477	20.000	ng/ul	#-0.01
88) Perylene-d12	23.880	264	1005955	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	39661	8.826	ng/uL	0.00
4) Pyridine-d5	3.793	84	244497	21.919	ng/ul	0.00
7) Phenol-d5	7.098	99	321158	21.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	187283	22.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	273742	21.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	252098	21.127	ng/ul	-0.01
21) Nitrobenzene-d5	9.098	128	119786	21.728	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	124182	21.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	251049	20.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	329747	20.226	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	679096	20.642	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	901385	21.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	114093	20.659	ng/ul	0.00
60) Fluorene-d10	15.563	176	602876	21.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	82165	15.756	ng/ul	0.00
73) Anthracene-d10	17.410	188	939678	21.230	ng/ul	0.00
81) Pyrene-d10	19.698	212	1114002	20.855	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1097400	21.569	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	37712	8.587	ng/uL	99
5) Pyridine	3.810	79	255434	21.831	ng/ul	99
6) Benzaldehyde	7.075	77	173127	21.969	ng/ul	97
8) Phenol	7.128	94	317320	21.622	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	244134	21.553	ng/ul	99
12) 2-Chlorophenol	7.504	128	273332	21.395	ng/ul	98
13) 2-Methylphenol	8.381	108	238087	21.397	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	357535	23.457	ng/ul	99
16) Acetophenone	8.763	105	388658	21.260	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.757	70	186435	21.261	ng/ul	99
18) 4-Methylphenol	8.710	108	258000	21.432	ng/ul	100
19) Hexachloroethane	9.028	117	112638	21.043	ng/ul	95
22) Nitrobenzene	9.139	77	279661	22.470	ng/ul	100
23) Isophorone	9.675	82	477169	20.910	ng/ul	100
25) 2-Nitrophenol	9.857	139	138670	22.063	ng/ul	98
26) 2,4-Dimethylphenol	9.916	107	282731	21.374	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.157	93	302055	21.116	ng/ul	100
29) 2,4-Dichlorophenol	10.392	162	242453	20.614	ng/ul	98
30) Naphthalene	10.798	128	816552	21.174	ng/ul	99
32) 4-Chloroaniline	10.898	127	334055	20.641	ng/ul	99
33) Hexachlorobutadiene	11.098	225	167630	19.726	ng/ul	98
34) Caprolactam	11.663	113	57441m	19.590	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	237914	21.349	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	562725	21.055	ng/ul	99
37) 1-Methylnaphthalene	12.622	142	559805	20.814	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.775	216	292627	20.336	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	188752	18.119	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	178894	20.669	ng/ul	99
42) 2,4,5-Trichlorophenol	13.074	196	194540	21.009	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	742295	21.251	ng/ul	100
44) 2-Chloronaphthalene	13.451	162	575157	21.142	ng/ul	98
45) 2-Nitroaniline	13.645	65	140396	23.938	ng/ul	97
47) Dimethylphthalate	14.033	163	670235	20.809	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	126672	21.819	ng/ul	97
50) Acenaphthylene	14.298	152	900713	21.347	ng/ul	99
51) 3-Nitroaniline	14.469	138	84624	16.411	ng/ul	97
52) Acenaphthene	14.639	153	586525	21.093	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	47728	14.108	ng/ul	98
55) 4-Nitrophenol	14.769	109	100184	22.858	ng/ul	96
56) Dibenzofuran	14.968	168	826115	20.883	ng/ul	98
57) 2,4-Dinitrotoluene	14.927	165	180938	22.192	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.192	232	152033	20.639	ng/ul	100
59) Diethylphthalate	15.398	149	664590	21.048	ng/ul	100
61) Fluorene	15.621	166	674871	21.194	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.616	204	327046	19.970	ng/ul	98
63) 4-Nitroaniline	15.627	138	74443	16.456	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.686	198	85561	16.357	ng/ul	97
67) N-Nitrosodiphenylamine	15.827	169	565141	20.213	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	190640	19.077	ng/ul	98
69) Hexachlorobenzene	16.627	284	219561	19.228	ng/ul	97
70) Atrazine	16.774	200	190105	18.487	ng/ul	99
71) Pentachlorophenol	16.962	266	149669	20.186	ng/ul	98
72) Phenanthrene	17.357	178	1054591	21.099	ng/ul	100
74) Anthracene	17.445	178	1077378	21.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	297080	19.411	ng/uL	99
76) Pentachlorobenzene	14.892	250	269619	19.112	ng/uL	99
77) Carbazole	17.709	167	896705	20.191	ng/ul	99
78) Di-n-butylphthalate	18.292	149	945667	18.655	ng/ul	99
80) Fluoranthene	19.368	202	1249136	20.000	ng/ul#	94
82) Pyrene	19.727	202	1303725	20.268	ng/ul#	93
83) Butylbenzylphthalate	20.633	149	391045	17.345	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.403	252	346355	17.201	ng/ul#	98
85) Benzo(a)anthracene	21.474	228	1289035	21.123	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	578876	16.195	ng/ul#	95
87) Chrysene	21.521	228	1278001	21.298	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	945342	16.578	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	1358215	22.090	ng/ul#	98
91) Benzo(k)fluoranthene	23.203	252	1286971	22.047	ng/ul#	98
93) Benzo(a)pyrene	23.780	252	1323701	21.476	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	1566120	21.054	ng/ul	99
95) Dibenzo(a,h)anthracene	26.385	278	1352498	21.027	ng/ul	100
96) Benzo(g,h,i)perylene	27.127	276	1323370	21.040	ng/ul	98

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

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