Quantitation Report (Qedit)

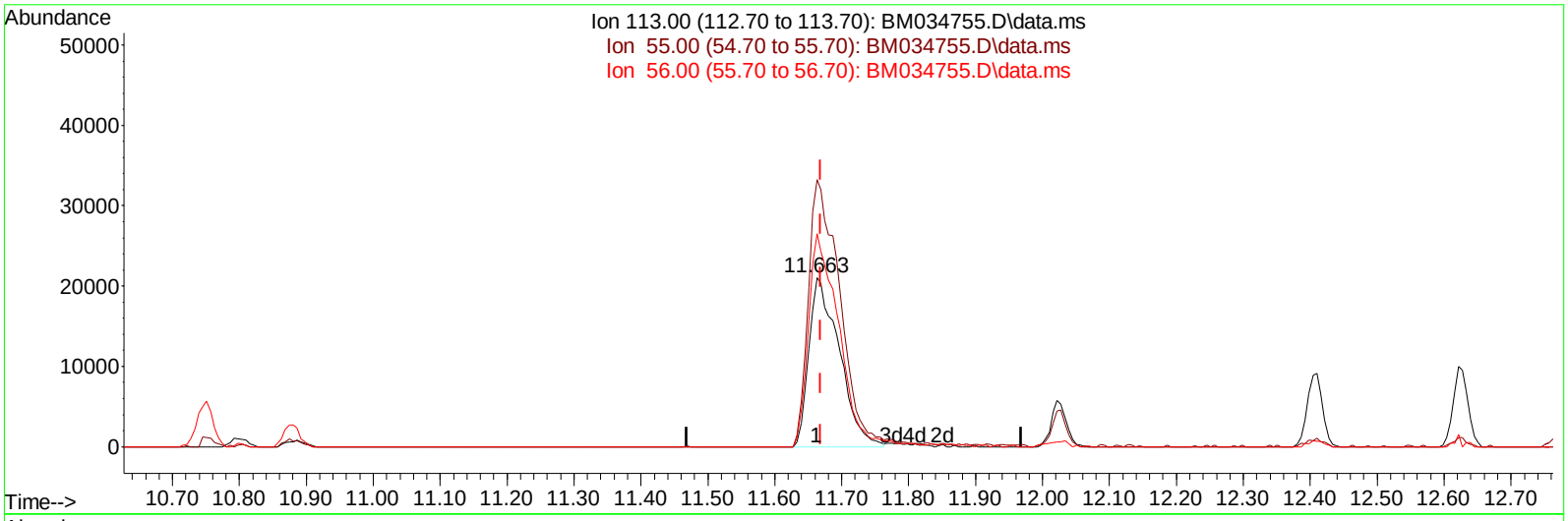
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034755.D
Acq On : 21 Apr 2022 20:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

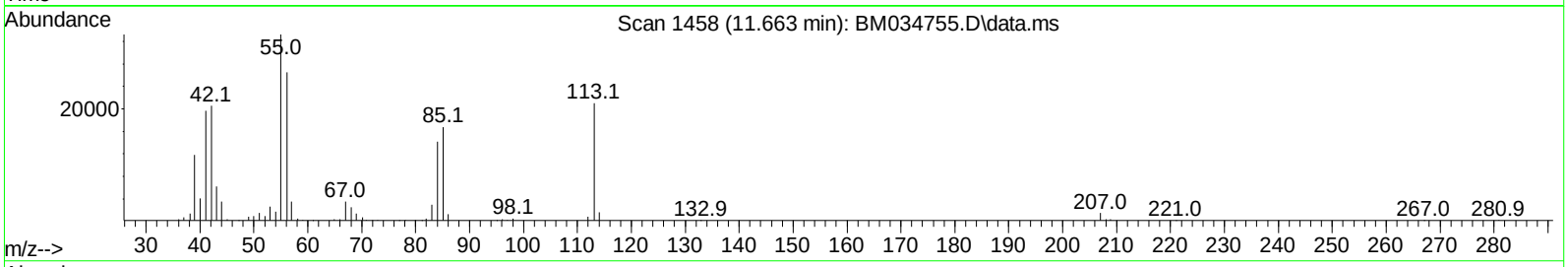
Quant Time: Apr 22 01:46:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

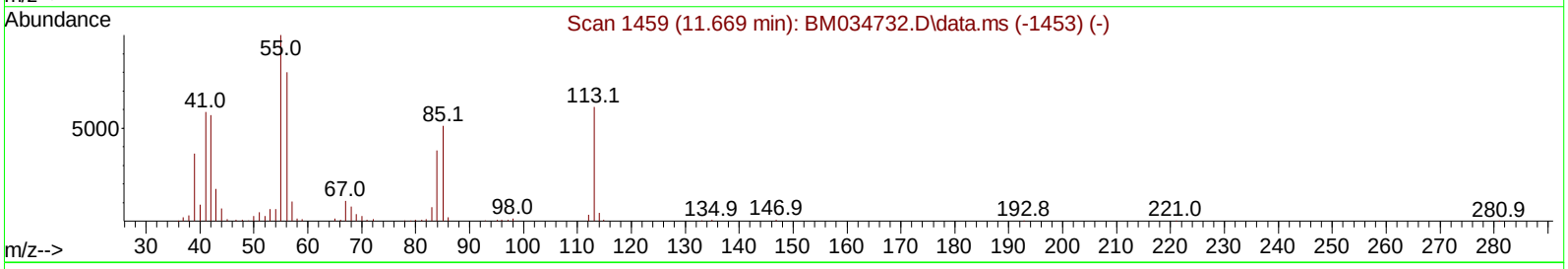
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BM034755.D\data.ms

(34) Caprolactam

11.663min (-0.006) 21.21 ng/ul

response 66243

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	157.87
56.00	130.40	125.82
0.00	0.00	0.00

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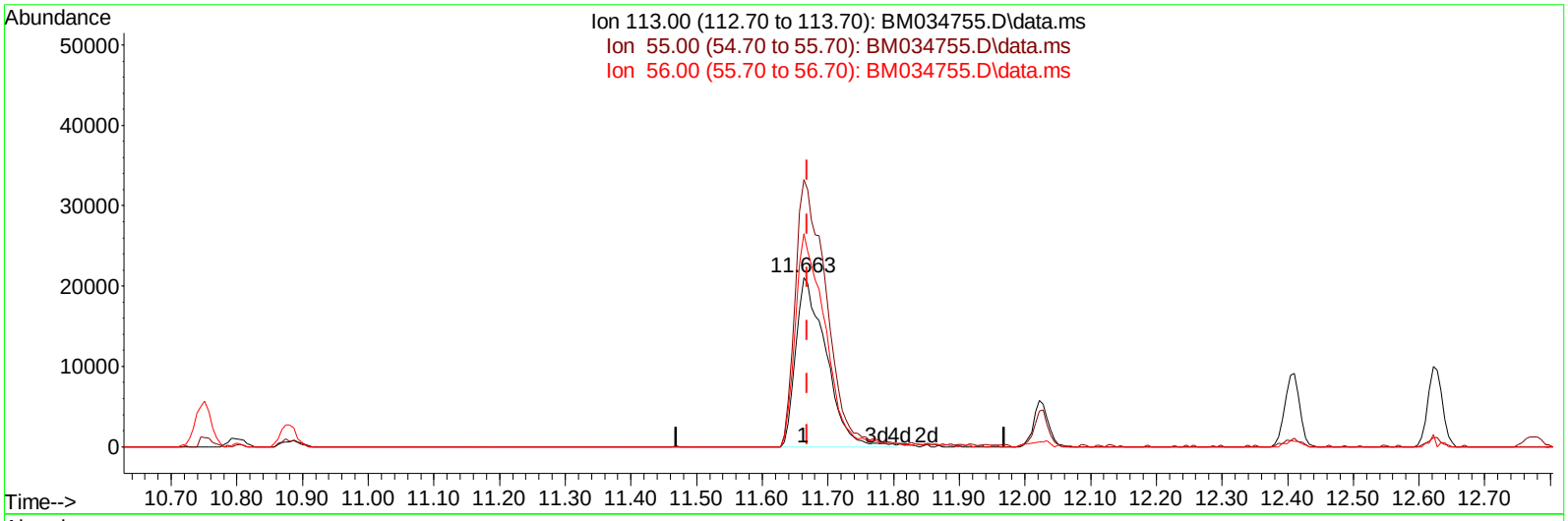

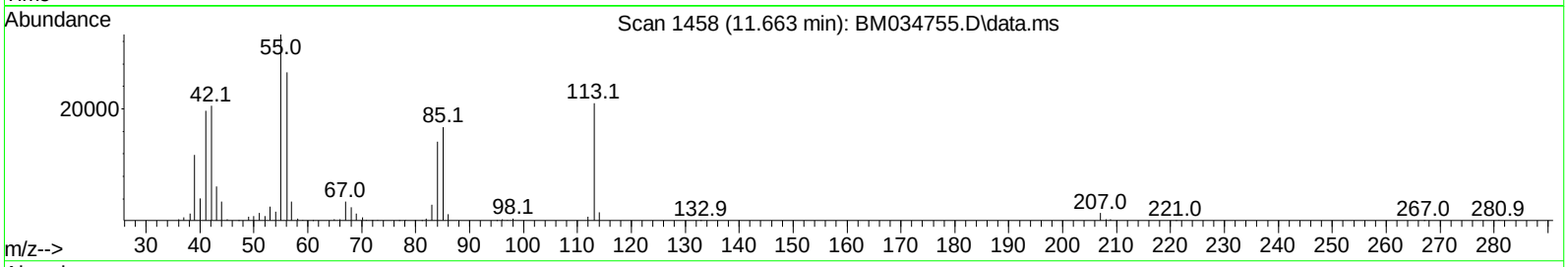

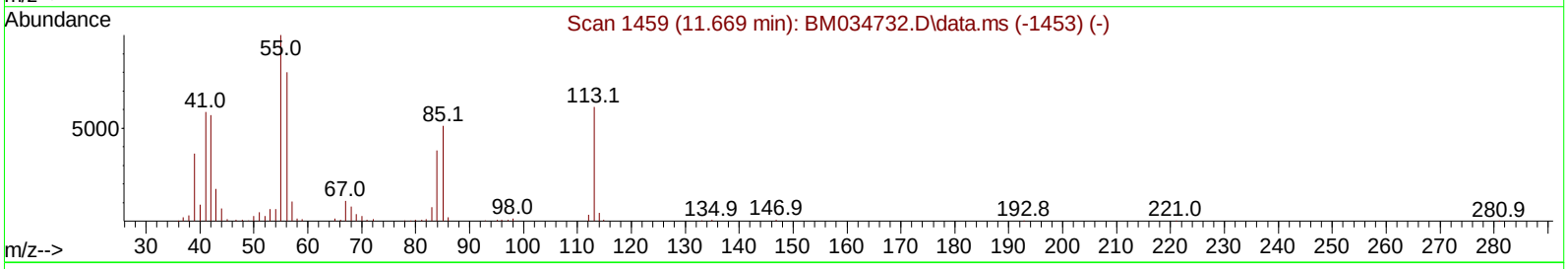

TIC: BM034755.D\data.ms

(34) Caprolactam

11.663min (-0.006) 21.48 ng/ul m

response 67093

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	157.87
56.00	130.40	125.82
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	202749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	803859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	492981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	952680	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1005144	20.000	ng/ul	# 0.00
88) Perylene-d12	23.891	264	1048242	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	41442	8.981	ng/uL	0.00
4) Pyridine-d5	3.793	84	261045	22.791	ng/ul	0.00
7) Phenol-d5	7.104	99	335755	21.925	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	195767	22.796	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	287748	22.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	261537	21.346	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	129412	22.038	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	135619	22.244	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	269397	20.977	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	366030	21.078	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	745173	20.763	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	976485	21.157	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	131274	21.789	ng/ul	0.00
60) Fluorene-d10	15.568	176	652083	20.998	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	104782	19.171	ng/ul	0.00
73) Anthracene-d10	17.415	188	978228	21.087	ng/ul	0.00
81) Pyrene-d10	19.703	212	1111792	20.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1142611	21.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	42151	9.347	ng/uL	95
5) Pyridine	3.816	79	272222	22.658	ng/ul	99
6) Benzaldehyde	7.081	77	177039	21.878	ng/ul	99
8) Phenol	7.128	94	332838	22.087	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	257508	22.139	ng/ul	100
12) 2-Chlorophenol	7.504	128	291735	22.239	ng/ul	99
13) 2-Methylphenol	8.387	108	246873	21.607	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	366983	23.448	ng/ul	98
16) Acetophenone	8.763	105	403664	21.504	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.757	70	197791	21.966	ng/ul	99
18) 4-Methylphenol	8.710	108	266717	21.577	ng/ul	98
19) Hexachloroethane	9.034	117	119351	21.715	ng/ul	99
22) Nitrobenzene	9.145	77	295960	22.325	ng/ul	99
23) Isophorone	9.675	82	516979	21.269	ng/ul	100
25) 2-Nitrophenol	9.857	139	149727	22.365	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	297091	21.086	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.157	93	327292	21.481	ng/ul	100
29) 2,4-Dichlorophenol	10.392	162	264521	21.115	ng/ul	99
30) Naphthalene	10.798	128	867517	21.119	ng/ul	99
32) 4-Chloroaniline	10.904	127	367451	21.316	ng/ul	98
33) Hexachlorobutadiene	11.098	225	176187	19.465	ng/ul	96
34) Caprolactam	11.663	113	67093m	21.482	ng/ul	
35) 4-Chloro-3-methylphenol	12.027	107	258772	21.800	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	602664	21.170	ng/ul	97
37) 1-Methylnaphthalene	12.627	142	602492	21.031	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.774	216	312938	19.936	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	207389	18.249	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	198391	21.012	ng/ul	98
42) 2,4,5-Trichlorophenol	13.080	196	213183	21.104	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	798914	20.966	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	618969	20.857	ng/ul	99
45) 2-Nitroaniline	13.645	65	152329	23.809	ng/ul	96
47) Dimethylphthalate	14.033	163	735962	20.946	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	141033	22.269	ng/ul	95
50) Acenaphthylene	14.298	152	974244	21.166	ng/ul	99
51) 3-Nitroaniline	14.468	138	95254	16.933	ng/ul#	98
52) Acenaphthene	14.639	153	637315	21.010	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	69495	18.832	ng/ul	94
55) 4-Nitrophenol	14.768	109	112353	23.499	ng/ul	96
56) Dibenzofuran	14.974	168	896544	20.775	ng/ul	97
57) 2,4-Dinitrotoluene	14.927	165	202498	22.767	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	168228	20.935	ng/ul	97
59) Diethylphthalate	15.398	149	734265	21.317	ng/ul	100
61) Fluorene	15.621	166	731892	21.070	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.615	204	362851	20.311	ng/ul	100
63) 4-Nitroaniline	15.627	138	85368	17.299	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.686	198	108696	19.826	ng/ul	99
67) N-Nitrosodiphenylamine	15.827	169	626251	21.371	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	210874	20.134	ng/ul	98
69) Hexachlorobenzene	16.627	284	240548	20.100	ng/ul	99
70) Atrazine	16.780	200	215035	19.952	ng/ul	99
71) Pentachlorophenol	16.962	266	140671	18.102	ng/ul	98
72) Phenanthrene	17.357	178	1121289	21.404	ng/ul	99
74) Anthracene	17.451	178	1135971	21.326	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	317067	19.767	ng/uL	99
76) Pentachlorobenzene	14.898	250	293548	19.853	ng/uL	99
77) Carbazole	17.715	167	1010652	21.713	ng/ul	100
78) Di-n-butylphthalate	18.292	149	1164971	21.927	ng/ul	99
80) Fluoranthene	19.368	202	1244145	19.451	ng/ul	96
82) Pyrene	19.733	202	1290593	19.592	ng/ul#	92
83) Butylbenzylphthalate	20.633	149	412115	17.850	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.409	252	365874	17.743	ng/ul#	98
85) Benzo(a)anthracene	21.474	228	1315518	21.049	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	616603	16.844	ng/ul#	94
87) Chrysene	21.527	228	1298267	21.126	ng/ul	99
89) Di-n-octyl phthalate	22.344	149	1013556	17.057	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1398144	21.822	ng/ul#	98
91) Benzo(k)fluoranthene	23.209	252	1321968	21.733	ng/ul#	97
93) Benzo(a)pyrene	23.786	252	1372241	21.365	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	1603559	20.688	ng/ul	98
95) Dibenzo(a,h)anthracene	26.397	278	1390932	20.752	ng/ul	99
96) Benzo(g,h,i)perylene	27.138	276	1357029	20.705	ng/ul	99

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

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