Quantitation Report (Qedit)

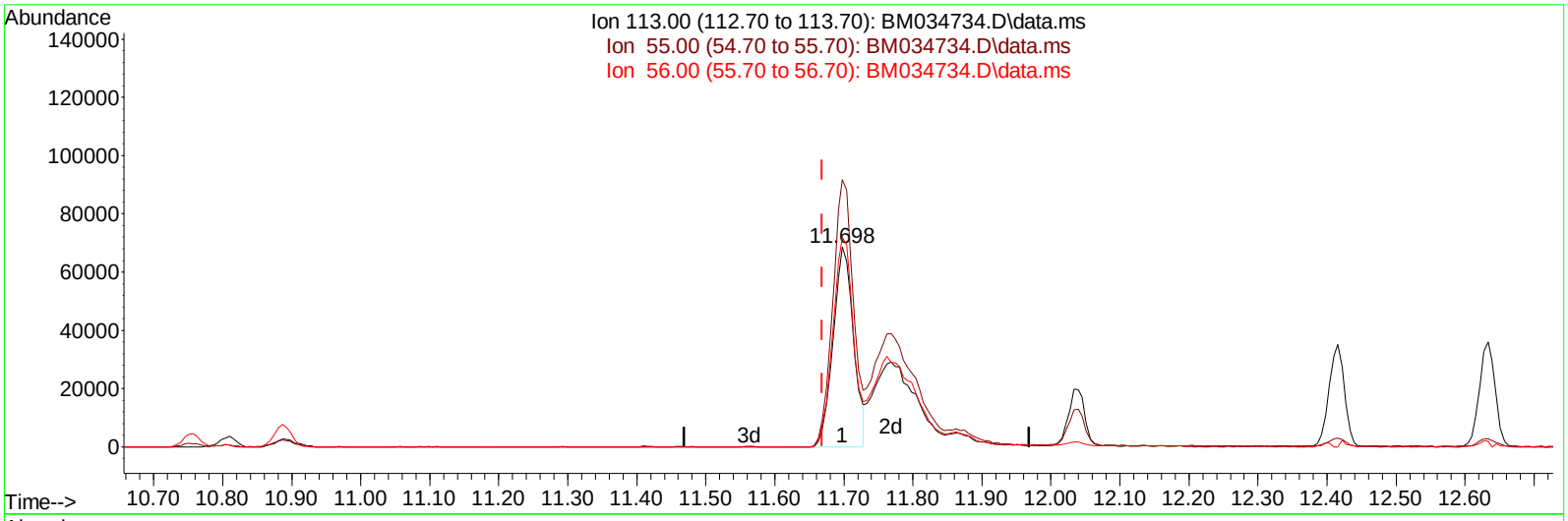
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034734.D
Acq On : 20 Apr 2022 21:23
Operator : CG/JU
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

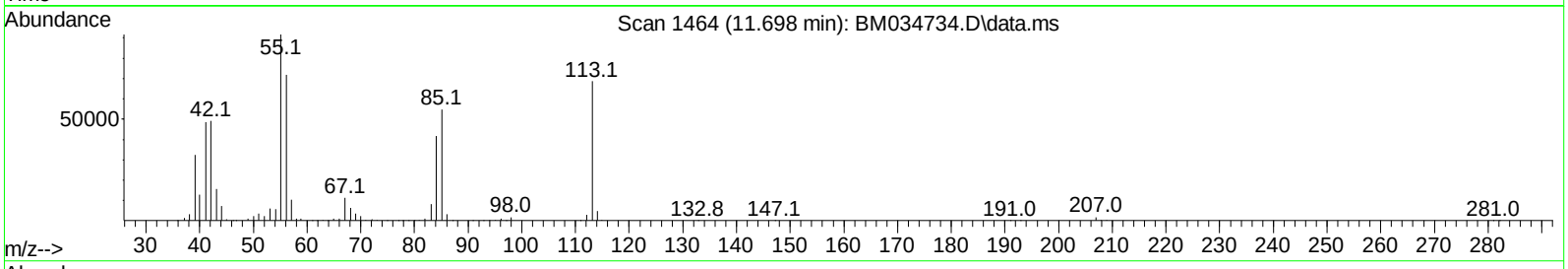
Quant Time: Apr 21 03:34:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 03:29:13 2022
Response via : Initial Calibration

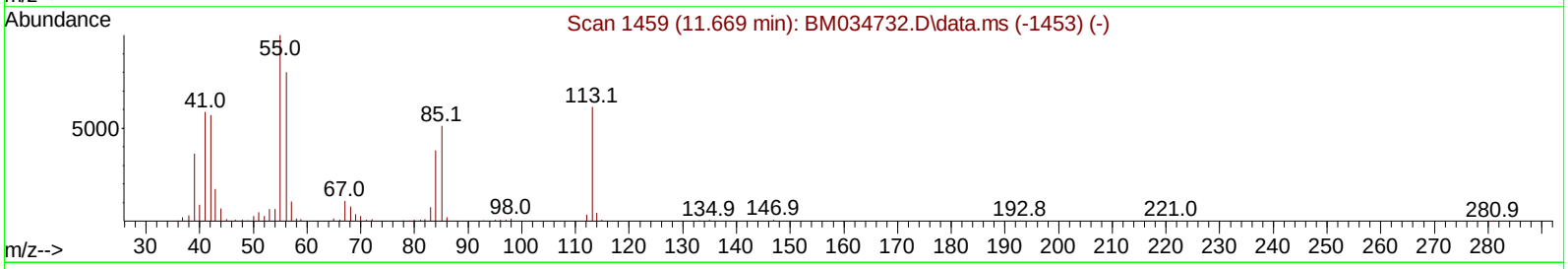
Instrument :
BNA_M
ClientSampleId :
SSTD080029

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034734.D\data.ms

(34) Caprolactam

11.698min (+ 0.029) 45.27 ng/ul

response 140630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	133.59
56.00	130.40	104.77
0.00	0.00	0.00

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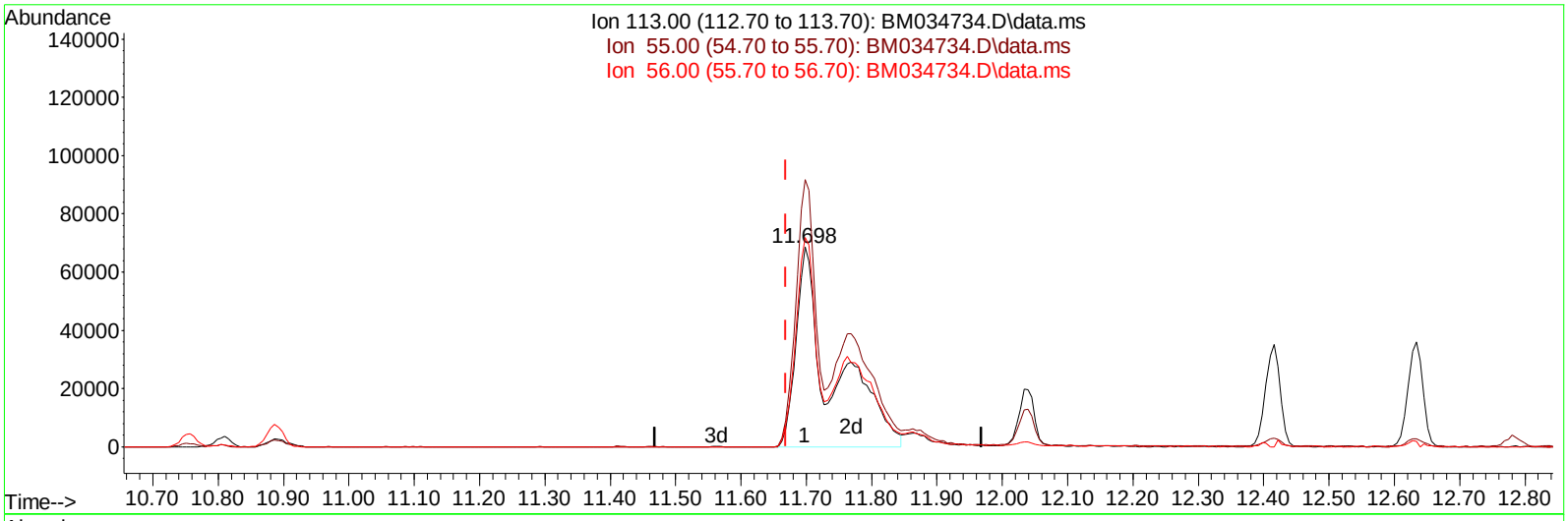

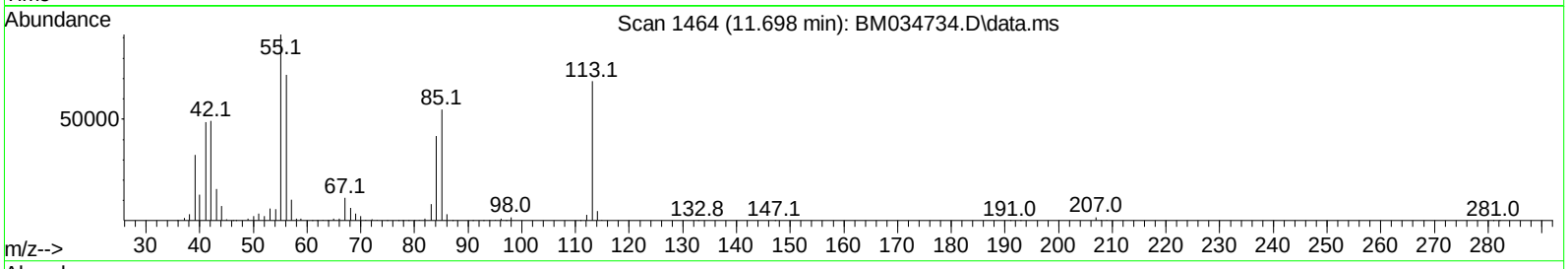

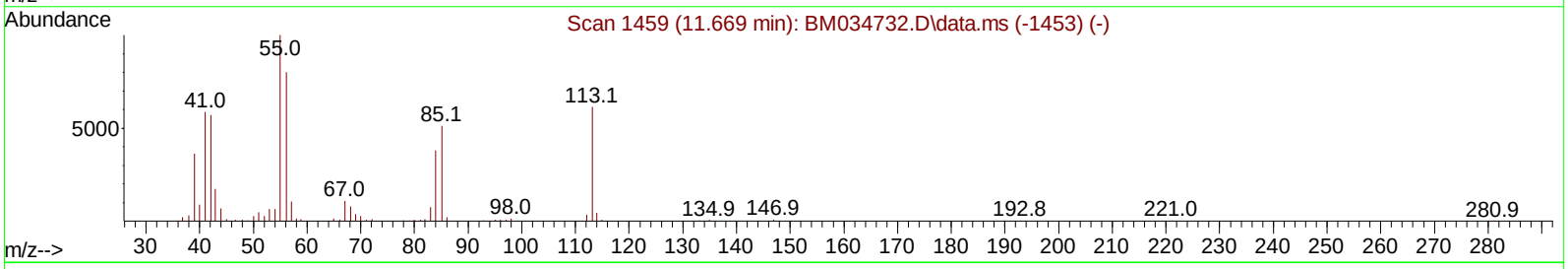

TIC: BM034734.D\data.ms

(34) Caprolactam

11.698min (+ 0.029) 85.29 ng/ul m

response 264914

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	133.59
56.00	130.40	104.77
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	7.951	152	232218	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	820999	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.580	164	522328	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1010903	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.497	240	1143062	20.000	ng/ul	# 0.00
88) Perylene-d12	23.897	264	1249153	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	150764	27.929	ng/uL	0.00
4) Pyridine-d5	3.793	84	990182	78.176	ng/ul	0.00
7) Phenol-d5	7.110	99	1317722	77.497	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	681907	71.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1175998	79.983	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	1083407	78.558	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	548206	98.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	623529	109.498	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1206224	89.020	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	1422071	80.290	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	3227136	82.437	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	4061041	81.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	542693	89.832	ng/ul	0.02
60) Fluorene-d10	15.574	176	2673935	78.732	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	566220	109.373	ng/ul	0.00
73) Anthracene-d10	17.421	188	4079112	82.556	ng/ul	0.00
81) Pyrene-d10	19.709	212	4836515	79.229	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264	5295480	82.516	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	148852	27.124	ng/uL	91
5) Pyridine	3.816	79	1016876	77.481	ng/ul	88
6) Benzaldehyde	7.087	77	449806	50.531	ng/ul	92
8) Phenol	7.140	94	1288563	76.795	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	977957	74.129	ng/ul	93
12) 2-Chlorophenol	7.516	128	1170693	78.726	ng/ul	94
13) 2-Methylphenol	8.392	108	985029	76.278	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.492	45	1095833	63.410	ng/ul#	91
16) Acetophenone	8.775	105	1620383	77.881	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.781	70	758868	77.118	ng/ul	90
18) 4-Methylphenol	8.734	108	1075091	77.920	ng/ul	98
19) Hexachloroethane	9.039	117	476915	77.316	ng/ul#	76
22) Nitrobenzene	9.151	77	1094695	86.614	ng/ul	93
23) Isophorone	9.692	82	2017361	82.196	ng/ul	97
25) 2-Nitrophenol	9.869	139	639325	100.802	ng/ul	94
26) 2,4-Dimethylphenol	9.928	107	1180455	83.079	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	1202529	77.877	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	1144157	88.154	ng/ul	97
30) Naphthalene	10.810	128	3380223	80.064	ng/ul	99
32) 4-Chloroaniline	10.910	127	1397373	79.956	ng/ul	99
33) Hexachlorobutadiene	11.104	225	902465	92.505	ng/ul	99
34) Caprolactam	11.698	113	264914m	85.287	ng/ul	
35) 4-Chloro-3-methylphenol	12.039	107	1030970	85.098	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	2394458	81.467	ng/ul	99
37) 1-Methylnaphthalene	12.633	142	2381559	80.295	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.786	216	1569388	83.826	ng/ul#	95
40) Hexachlorocyclopentadiene	12.769	237	1130240	87.808	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	956078	86.743	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	1016415	87.447	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	3227003	74.228	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2557641	75.638	ng/ul	98
45) 2-Nitroaniline	13.657	65	556279	88.146	ng/ul	87
47) Dimethylphthalate	14.045	163	3081274	81.790	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	650498	104.335	ng/ul	91
50) Acenaphthylene	14.304	152	4001386	81.312	ng/ul	98
51) 3-Nitroaniline	14.480	138	509813	95.350	ng/ul	92
52) Acenaphthene	14.645	153	2580798	80.094	ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	386923	110.955	ng/ul#	83
55) 4-Nitrophenol	14.786	109	395480	85.925	ng/ul	95
56) Dibenzofuran	14.980	168	3744303	80.319	ng/ul	97
57) 2,4-Dinitrotoluene	14.939	165	899668	102.598	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.204	232	885323	94.595	ng/ul#	84
59) Diethylphthalate	15.410	149	2928182	79.952	ng/ul	96
61) Fluorene	15.633	166	2959230	78.490	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.627	204	1660598	82.201	ng/ul	90
63) 4-Nitroaniline	15.645	138	434335	88.744	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	557004	105.567	ng/ul#	83
67) N-Nitrosodiphenylamine	15.833	169	2461308	81.232	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	1022140	86.168	ng/ul#	92
69) Hexachlorobenzene	16.633	284	1179260	84.437	ng/ul#	87
70) Atrazine	16.792	200	994980	85.244	ng/ul	96
71) Pentachlorophenol	16.974	266	770967	90.432	ng/ul	99
72) Phenanthrene	17.368	178	4441017	80.070	ng/ul	100
74) Anthracene	17.457	178	4624151	82.174	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	1588601	87.761	ng/uL	99
76) Pentachlorobenzene	14.904	250	1486155	89.126	ng/uL	99
77) Carbazole	17.721	167	4028116	81.883	ng/ul	98
78) Di-n-butylphthalate	18.298	149	4777329	85.615	ng/ul	99
80) Fluoranthene	19.374	202	5481575	77.872	ng/ul	97
82) Pyrene	19.739	202	5583283	77.240	ng/ul	95
83) Butylbenzylphthalate	20.639	149	2113771	89.373	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.415	252	1931824	81.592	ng/ul#	98
85) Benzo(a)anthracene	21.486	228	5603078	79.112	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.427	149	3231173	85.470	ng/ul#	95
87) Chrysene	21.539	228	5560754	80.747	ng/ul	99
89) Di-n-octyl phthalate	22.356	149	5709765	83.967	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	6360913	81.780	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	5956357	81.627	ng/ul	98
93) Benzo(a)pyrene	23.803	252	6260277	83.142	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.403	276	7374839	81.485	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	6377133	81.802	ng/ul	99
96) Benzo(g,h,i)perylene	27.174	276	6189498	79.985	ng/ul	99

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

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