Quantitation Report (Qedit)

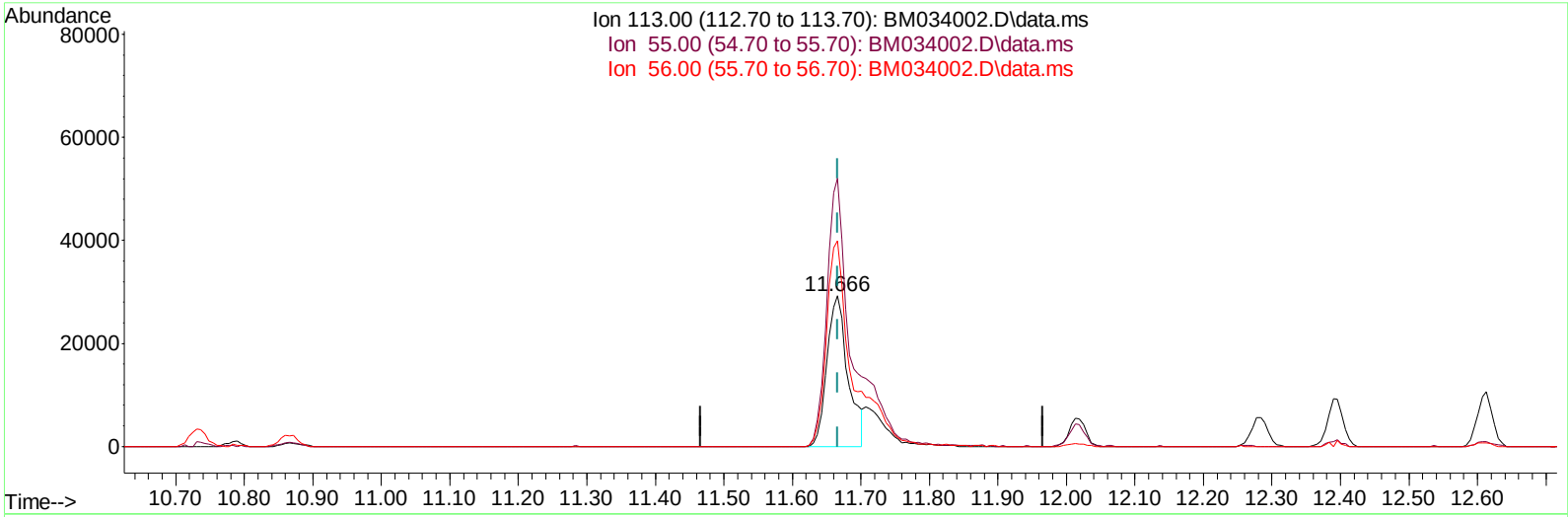
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020322\
Data File : BM034002.D
Acq On : 03 Feb 2022 15:12
Operator : CG/JU
Sample : PB142441BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

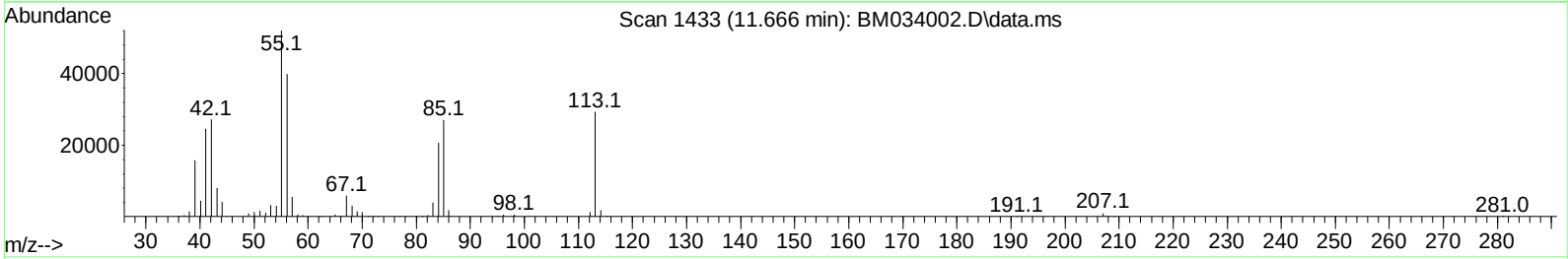
Quant Time: Feb 04 00:06:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

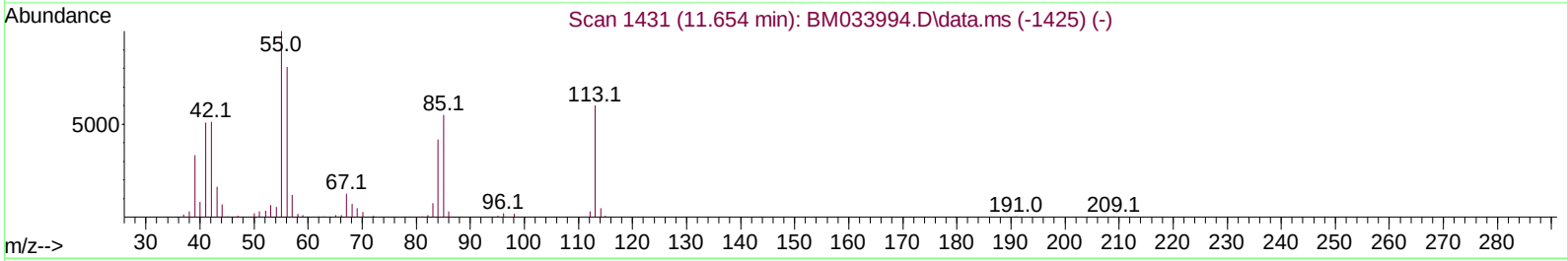
Instrument :
BNA_M
ClientSampleId :
SLCS441

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2022
Supervised By :mohammad ahmed 02/04/2022







TIC: BM034002.D\data.ms

(34) Caprolactam

11.666min (-0.000) 31.32 ng/ul

response 62282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	177.63
56.00	164.70	136.47
0.00	0.00	0.00

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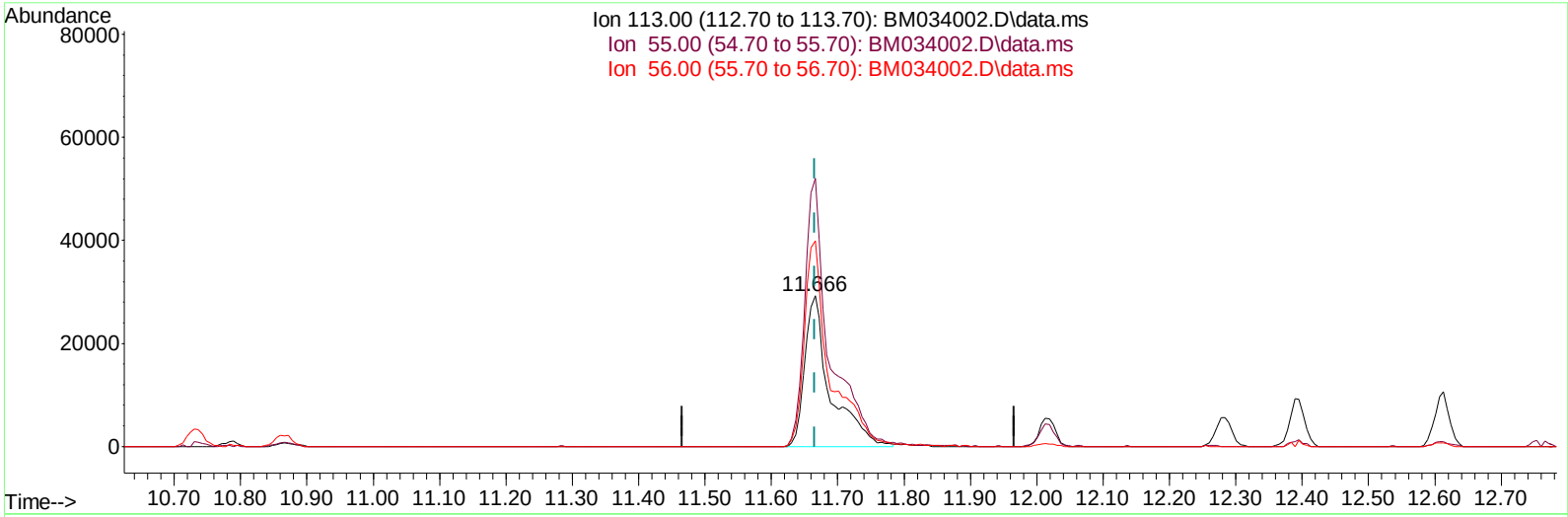

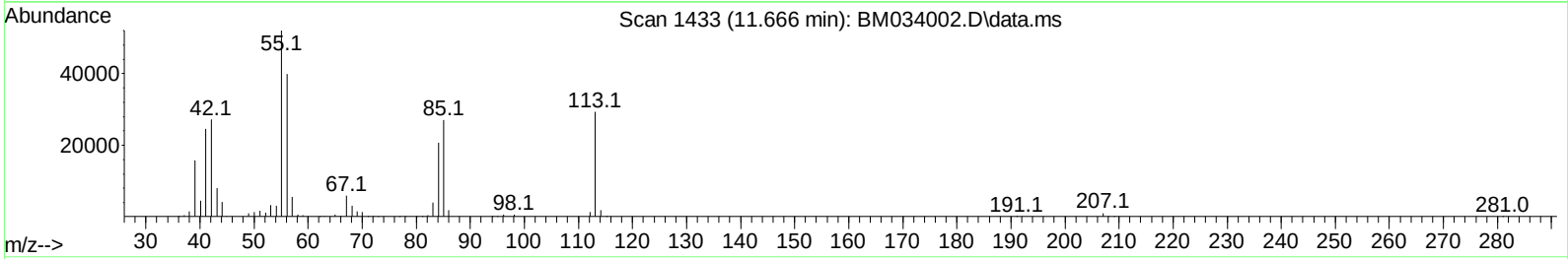

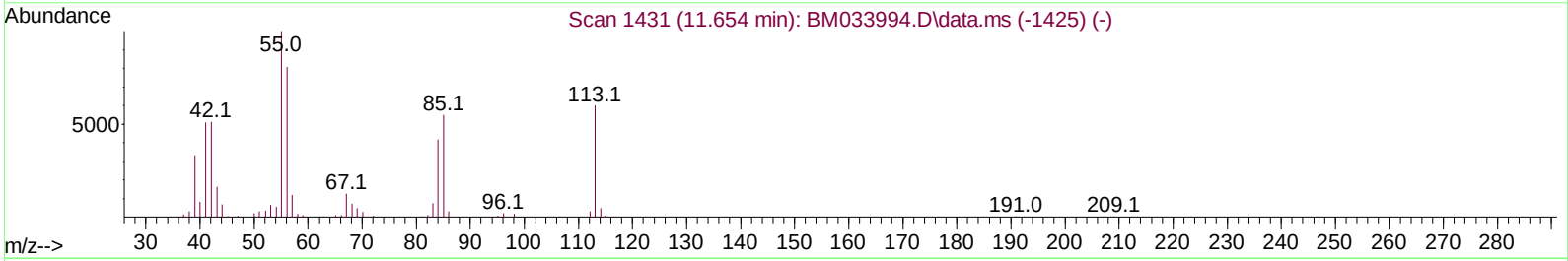

TIC: BM034002.D\data.ms

(34) Caprolactam

11.666min (-0.000) 39.29 ng/ul m

response 78126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	177.63
56.00	164.70	136.47
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	7.919	152	100628	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.731	136	445927	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.560	164	295023	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.295	188	609824	20.000	ng/ul	-0.01
79) Chrysene-d12	21.465	240	488594	20.000	ng/ul	0.00
88) Perylene-d12	23.847	264	419686	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	16134	6.323	ng/uL	0.00
4) Pyridine-d5	3.708	84	211714	29.728	ng/ul	-0.01
7) Phenol-d5	7.078	99	303652	36.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	181707	35.354	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.448	132	240700	35.637	ng/ul	-0.01
15) 4-Methylphenol-d8	8.637	113	254877	38.154	ng/ul	0.00
21) Nitrobenzene-d5	9.084	128	124835	34.889	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.813	143	137361	35.549	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	254681	36.423	ng/ul	0.00
31) 4-Chloroaniline-d4	10.866	131	321577	33.304	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	826312	37.481	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	983335	36.411	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	137670	36.551	ng/ul	0.00
60) Fluorene-d10	15.548	176	681891	37.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	131074	34.237	ng/ul	0.00
73) Anthracene-d10	17.395	188	1064072	36.435	ng/ul	0.00
81) Pyrene-d10	19.683	212	1122211	38.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	810896	36.786	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	31661	11.371	ng/uL#	90
5) Pyridine	3.731	79	213945	29.104	ng/ul	87
6) Benzaldehyde	7.049	77	157779	30.997	ng/ul	88
8) Phenol	7.107	94	290340	33.584	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.337	93	225730	33.057	ng/ul	92
12) 2-Chlorophenol	7.484	128	233340	32.974	ng/ul	90
13) 2-Methylphenol	8.366	108	226648	34.711	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.460	45	315614	34.334	ng/ul	95
16) Acetophenone	8.748	105	371692	35.049	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.737	70	196662	36.527	ng/ul#	90
18) 4-Methylphenol	8.695	108	249129	35.763	ng/ul	95
19) Hexachloroethane	9.007	117	100997	32.895	ng/ul	95
22) Nitrobenzene	9.125	77	287192	32.421	ng/ul	93
23) Isophorone	9.660	82	554161	34.858	ng/ul	97
25) 2-Nitrophenol	9.842	139	137754	33.228	ng/ul#	82
26) 2,4-Dimethylphenol	9.907	107	300627	33.243	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.142	93	327884	33.175	ng/ul	98
29) 2,4-Dichlorophenol	10.378	162	235892	33.766	ng/ul	98
30) Naphthalene	10.784	128	793290	32.161	ng/ul	99
32) 4-Chloroaniline	10.889	127	286968	29.270	ng/ul	100
33) Hexachlorobutadiene	11.078	225	162954	31.521	ng/ul	97
34) Caprolactam	11.666	113	78126m	39.294	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	291345	36.392	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.395	142	549793	33.832	ng/ul	98
37) 1-Methylnaphthalene	12.613	142	569370	34.178	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.766	216	294293	31.364	ng/ul	98
40) Hexachlorocyclopentadiene	12.748	237	183588	26.522	ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	196407	33.615	ng/ul	96
42) 2,4,5-Trichlorophenol	13.072	196	213666	34.473	ng/ul	92
43) 1,1'-Biphenyl	13.401	154	766720	32.420	ng/ul	98
44) 2-Chloronaphthalene	13.442	162	572727	32.120	ng/ul	98
45) 2-Nitroaniline	13.636	65	189739	36.160	ng/ul#	84
47) Dimethylphthalate	14.019	163	776505	35.069	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	157464	37.259	ng/ul	92
50) Acenaphthylene	14.283	152	968491	33.635	ng/ul	100
51) 3-Nitroaniline	14.460	138	143268	34.338	ng/ul	85
52) Acenaphthene	14.624	153	633093	33.583	ng/ul	96
53) 2,4-Dinitrophenol	14.666	184	79938	30.996	ng/ul	89
55) 4-Nitrophenol	14.766	109	121863	33.515	ng/ul	86
56) Dibenzofuran	14.960	168	904199	34.083	ng/ul	98
57) 2,4-Dinitrotoluene	14.919	165	230170	38.171	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.183	232	183406	35.966	ng/ul	97
59) Diethylphthalate	15.377	149	817010	36.227	ng/ul	99
61) Fluorene	15.607	166	740696	34.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.595	204	373100	34.404	ng/ul	97
63) 4-Nitroaniline	15.619	138	154678	38.433	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.677	198	123160	32.197	ng/ul	97
67) N-Nitrosodiphenylamine	15.807	169	634053	33.505	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	224521	34.075	ng/ul	99
69) Hexachlorobenzene	16.607	284	256392	34.031	ng/ul	97
70) Atrazine	16.760	200	233672	32.816	ng/ul	98
71) Pentachlorophenol	16.948	266	156466	32.380	ng/ul	97
72) Phenanthrene	17.336	178	1150187	33.541	ng/ul	99
74) Anthracene	17.430	178	1166209	33.840	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.366	216	300047	28.153	ng/uL	98
76) Pentachlorobenzene	14.883	250	304743	32.075	ng/uL	98
77) Carbazole	17.695	167	1006623	32.999	ng/ul	99
78) Di-n-butylphthalate	18.265	149	1398647	36.873	ng/ul	99
80) Fluoranthene	19.348	202	1261834	36.545	ng/ul	99
82) Pyrene	19.712	202	1272547	36.059	ng/ul	99
83) Butylbenzylphthalate	20.601	149	563786	39.209	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.377	252	303770	31.243	ng/ul	96
85) Benzo(a)anthracene	21.448	228	1073678	33.921	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.377	149	840761	40.095	ng/ul	99
87) Chrysene	21.501	228	1029967	33.297	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	1303352	42.887	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	989000	34.691	ng/ul	100
91) Benzo(k)fluoranthene	23.171	252	905913	34.612	ng/ul	100
93) Benzo(a)pyrene	23.747	252	912329	33.843	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.341	276	995949	31.963	ng/ul	98
95) Dibenzo(a,h)anthracene	26.359	278	855964	31.737	ng/ul	97
96) Benzo(g,h,i)perylene	27.112	276	831477	31.736	ng/ul	99

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

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