Quantitation Report (Qedit)

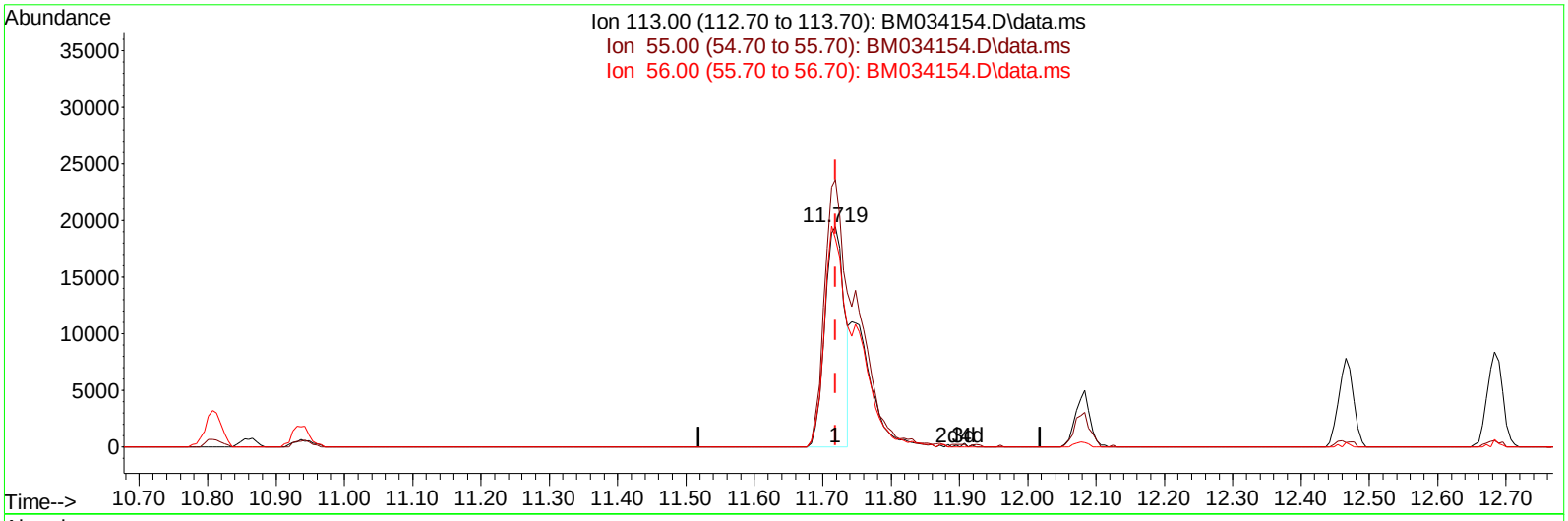
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034154.D
Acq On : 08 Mar 2022 18:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 13 Sample Multiplier: 1

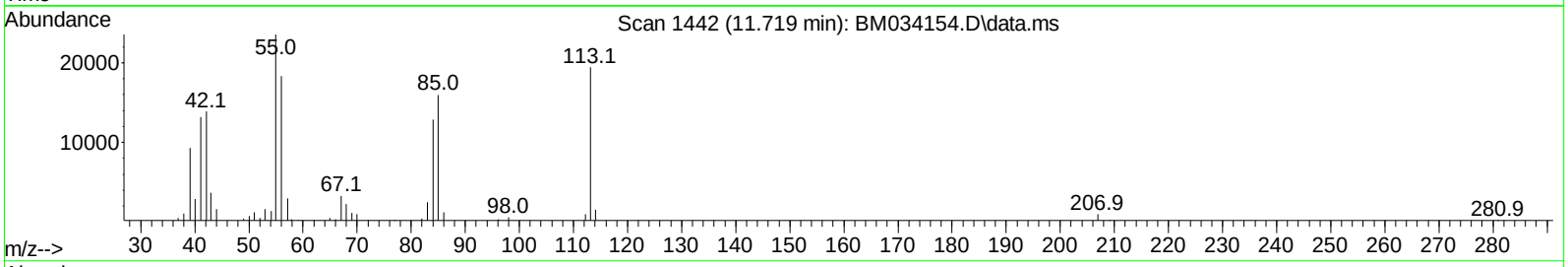
Quant Time: Mar 09 00:51:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 13:09:16 2022
Response via : Initial Calibration

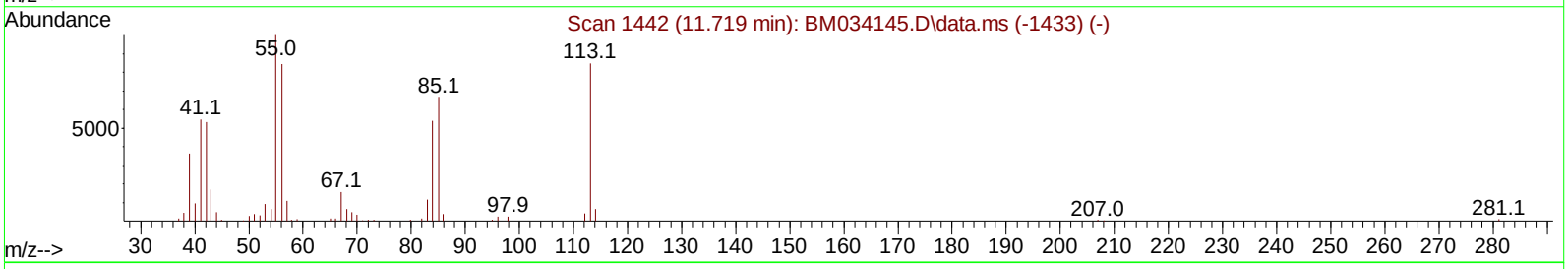
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
Supervised By :Yogesh Patel 03/09/2022







TIC: BM034154.D\data.ms

(34) Caprolactam

11.719min (-0.000) 12.92 ng/ul

response 38543

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	121.28#
56.00	164.70	94.49#
0.00	0.00	0.00

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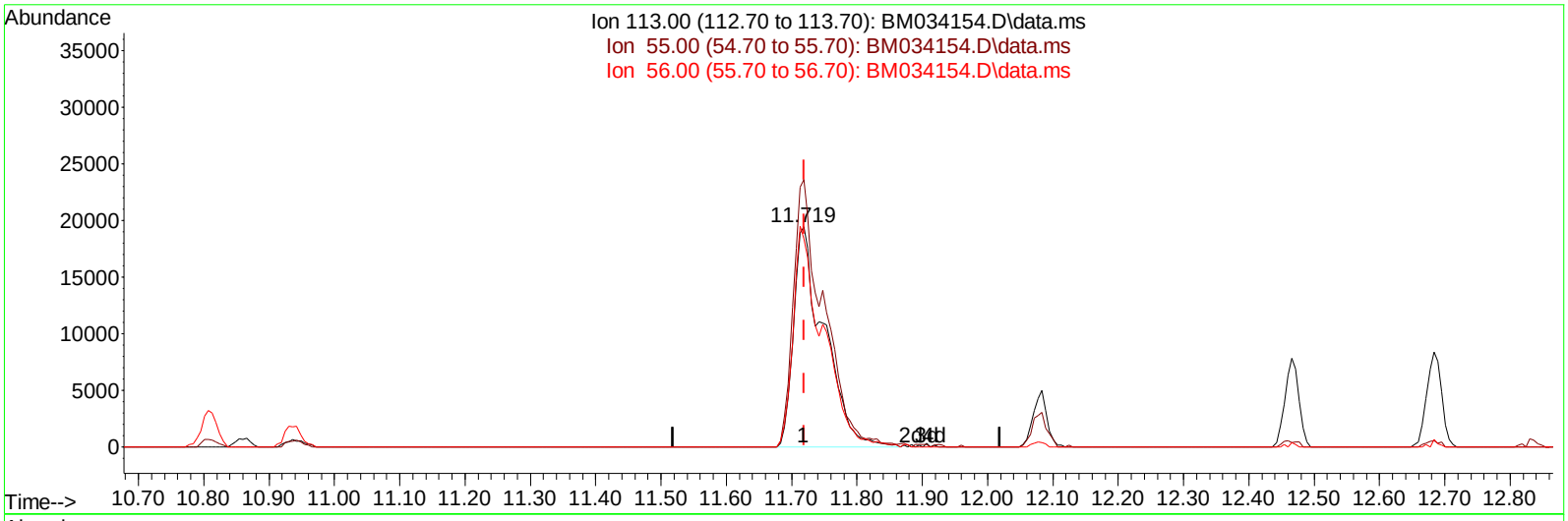

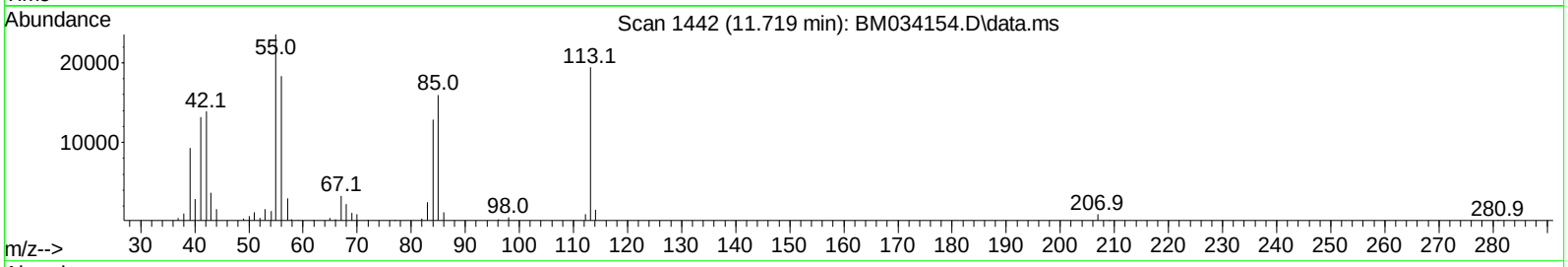

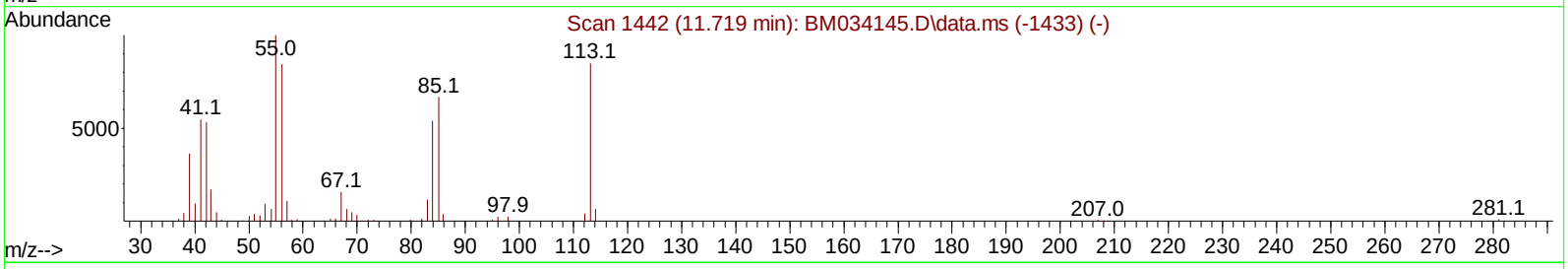

TIC: BM034154.D\data.ms

(34) Caprolactam

11.719min (-0.000) 21.08 ng/ul m

response 62880

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	121.28#
56.00	164.70	94.49#
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	7.995	152	142765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	577938	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	398668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	873119	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.541	240	901530	20.000	ng/ul	0.00
88) Perylene-d12	23.988	264	830195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	28796	9.277	ng/uL	0.00
4) Pyridine-d5	3.790	84	182503	20.198	ng/ul	0.00
7) Phenol-d5	7.142	99	224207	20.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	126794	21.059	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	196503	21.191	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	193542	20.648	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	99110	22.133	ng/ul	0.00
24) 2-Nitrophenol-d4	9.883	143	109207	22.454	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	219799	21.915	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	299633	21.865	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	666087	22.018	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	818633	21.640	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	114460	20.334	ng/ul	0.00
60) Fluorene-d10	15.618	176	579534	21.524	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	115439	20.488	ng/ul	0.00
73) Anthracene-d10	17.471	188	933640	21.708	ng/ul	0.00
81) Pyrene-d10	19.753	212	1102123	22.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.830	264	950911	21.592	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	26854	7.991	ng/uL#	70
5) Pyridine	3.813	79	184155	20.158	ng/ul#	67
6) Benzaldehyde	7.119	77	93825	16.343	ng/ul#	76
8) Phenol	7.172	94	227034	20.065	ng/ul#	80
10) Bis(2-Chloroethyl)ether	7.407	93	181627	20.684	ng/ul#	84
12) 2-Chlorophenol	7.554	128	197547	20.624	ng/ul#	80
13) 2-Methylphenol	8.431	108	176765	20.035	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.531	45	161863	20.768	ng/ul#	81
16) Acetophenone	8.819	105	301477	20.415	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.801	70	145101	21.509	ng/ul#	78
18) 4-Methylphenol	8.760	108	195333	20.271	ng/ul	97
19) Hexachloroethane	9.089	117	80550	20.449	ng/ul#	62
22) Nitrobenzene	9.195	77	214337	21.166	ng/ul#	84
23) Isophorone	9.725	82	400116	21.915	ng/ul#	92
25) 2-Nitrophenol	9.913	139	116355	21.955	ng/ul#	71
26) 2,4-Dimethylphenol	9.972	107	229589	21.418	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.213	93	243551	21.278	ng/ul#	95
29) 2,4-Dichlorophenol	10.448	162	212618	21.449	ng/ul	91
30) Naphthalene	10.860	128	645116	20.849	ng/ul	99
32) 4-Chloroaniline	10.960	127	296665	21.260	ng/ul	99
33) Hexachlorobutadiene	11.154	225	158753	21.029	ng/ul	98
34) Caprolactam	11.719	113	62880m	21.081	ng/ul	
35) 4-Chloro-3-methylphenol	12.077	107	209924	21.674	ng/ul#	74

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.466	142	468392	21.105	ng/ul	99
37) 1-Methylnaphthalene	12.683	142	475439	20.909	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.836	216	291388	20.924	ng/ul#	95
40) Hexachlorocyclopentadiene	12.819	237	195505	20.794	ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	185900	21.869	ng/ul	99
42) 2,4,5-Trichlorophenol	13.136	196	203711	21.728	ng/ul	95
43) 1,1'-Biphenyl	13.471	154	654133	21.074	ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	511758	20.977	ng/ul	95
45) 2-Nitroaniline	13.707	65	122371	21.798	ng/ul#	63
47) Dimethylphthalate	14.083	163	659541	21.555	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	134866	22.175	ng/ul#	84
50) Acenaphthylene	14.354	152	804478	21.092	ng/ul	99
51) 3-Nitroaniline	14.524	138	95677	17.200	ng/ul#	69
52) Acenaphthene	14.695	153	523404	20.725	ng/ul	98
53) 2,4-Dinitrophenol	14.724	184	74698	19.411	ng/ul#	68
55) 4-Nitrophenol	14.818	109	103497	21.200	ng/ul#	77
56) Dibenzofuran	15.024	168	778384	20.926	ng/ul	91
57) 2,4-Dinitrotoluene	14.977	165	194537	21.874	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.248	232	177663	21.862	ng/ul#	87
59) Diethylphthalate	15.442	149	651936	21.705	ng/ul	98
61) Fluorene	15.677	166	636016	20.786	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.665	204	349712	21.228	ng/ul	89
63) 4-Nitroaniline	15.677	138	82370	16.007	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.742	198	114881	20.191	ng/ul#	85
67) N-Nitrosodiphenylamine	15.877	169	557658	21.420	ng/ul	99
68) 4-Bromophenyl-phenylether	16.559	248	205596	21.538	ng/ul#	89
69) Hexachlorobenzene	16.683	284	265874	21.408	ng/ul#	85
70) Atrazine	16.824	200	228365	21.666	ng/ul	96
71) Pentachlorophenol	17.018	266	159727	20.266	ng/ul	95
72) Phenanthrene	17.412	178	1031108	20.874	ng/ul	99
74) Anthracene	17.506	178	1060363	21.243	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	302429	20.214	ng/uL	99
76) Pentachlorobenzene	14.948	250	309174	22.069	ng/uL	98
77) Carbazole	17.765	167	914776	20.552	ng/ul	99
78) Di-n-butylphthalate	18.336	149	1093376	22.535	ng/ul	98
80) Fluoranthene	19.424	202	1271088	21.852	ng/ul#	92
82) Pyrene	19.783	202	1293313	21.494	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	466687	22.666	ng/ul#	77
84) 3,3'-Dichlorobenzidine	21.459	252	348607	19.881	ng/ul#	95
85) Benzo(a)anthracene	21.530	228	1257464	21.157	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.459	149	661823	21.959	ng/ul#	98
87) Chrysene	21.583	228	1191039	20.515	ng/ul	98
89) Di-n-octyl phthalate	22.400	149	1044906	20.257	ng/ul	100
90) Benzo(b)fluoranthene	23.241	252	1248545	21.727	ng/ul#	97
91) Benzo(k)fluoranthene	23.294	252	1107817	20.514	ng/ul#	97
93) Benzo(a)pyrene	23.883	252	1138141	21.093	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.547	276	1221341	21.682	ng/ul	96
95) Dibenzo(a,h)anthracene	26.565	278	1056284	21.734	ng/ul#	96
96) Benzo(g,h,i)perylene	27.335	276	1023317	21.740	ng/ul#	95

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

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