Quantitation Report (Qedit)

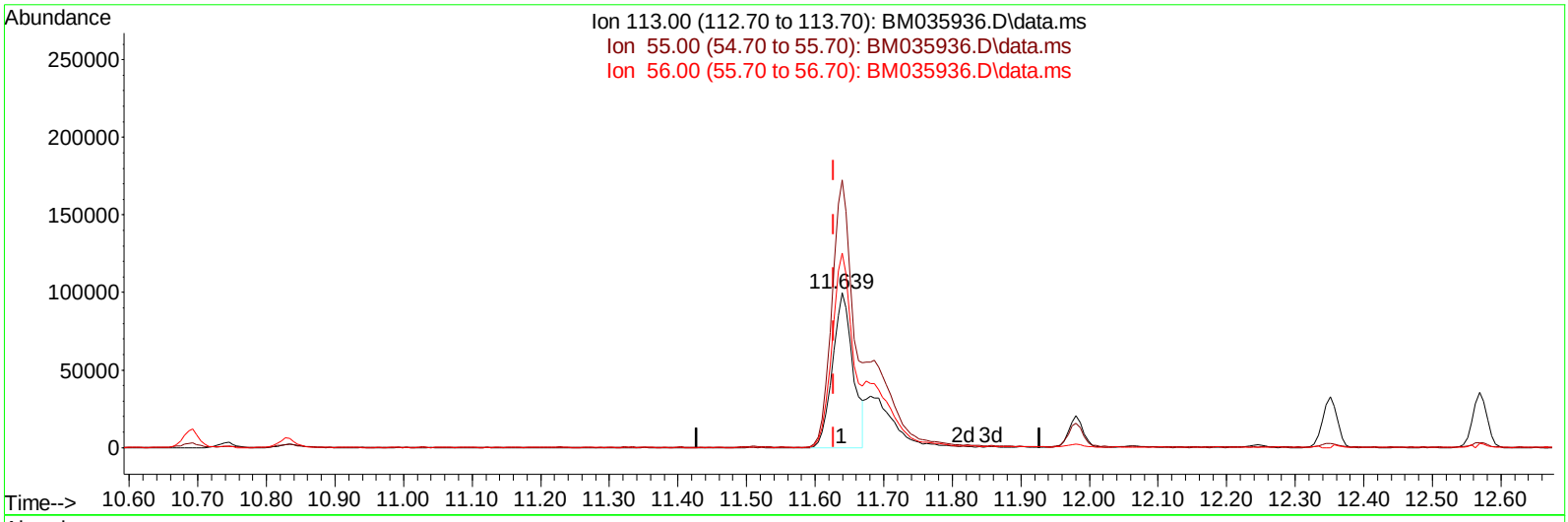
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
Data File : BM035936.D
Acq On : 26 Jul 2022 21:22
Operator : CG/JU
Sample : N3795-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

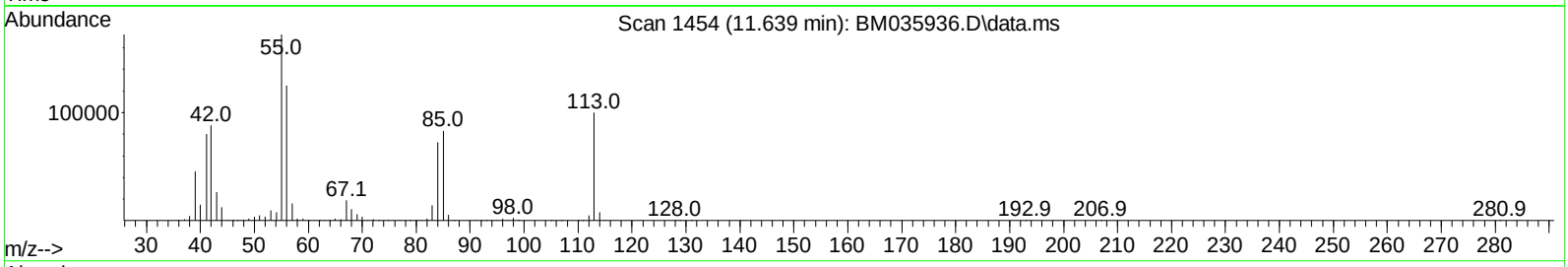
Quant Time: Jul 26 23:42:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 14:55:39 2022
Response via : Initial Calibration

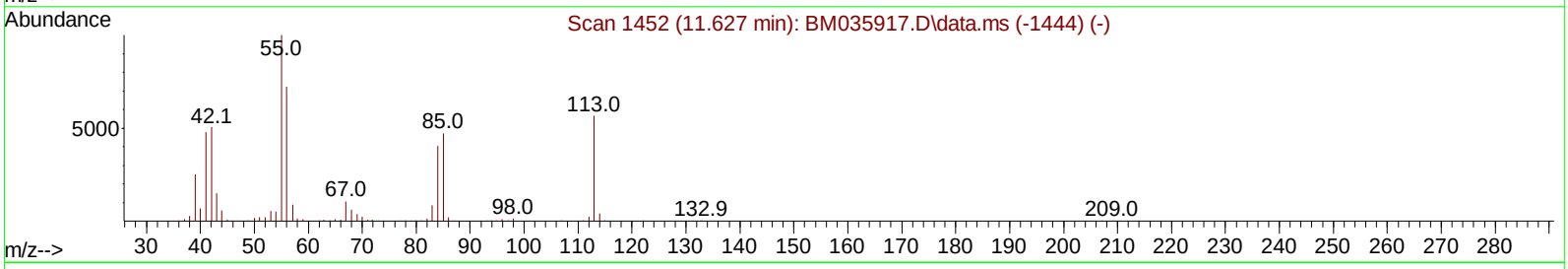
Instrument :
BNA_M
ClientSampleId :
DBUL9MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
Supervised By :mohammad ahmed 07/27/2022







TIC: BM035936.D\data.ms

(34) Caprolactam

11.639min (+ 0.012) 26.18 ng/ul

response 206728

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	172.85
56.00	127.60	125.71
0.00	0.00	0.00

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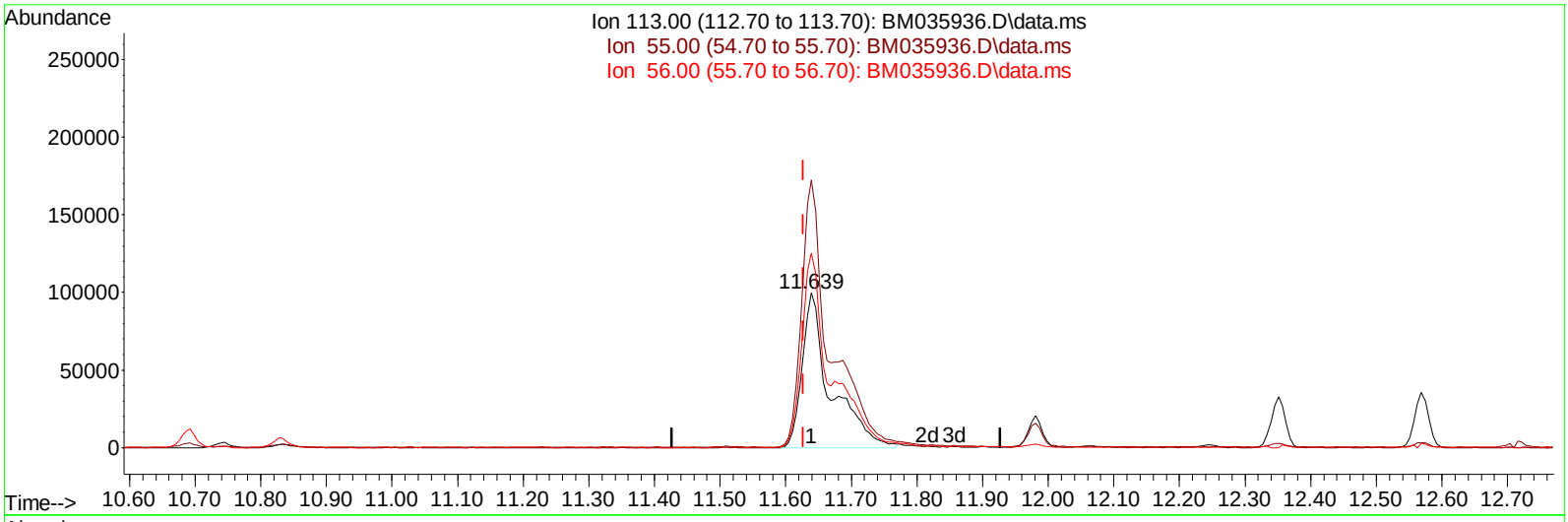

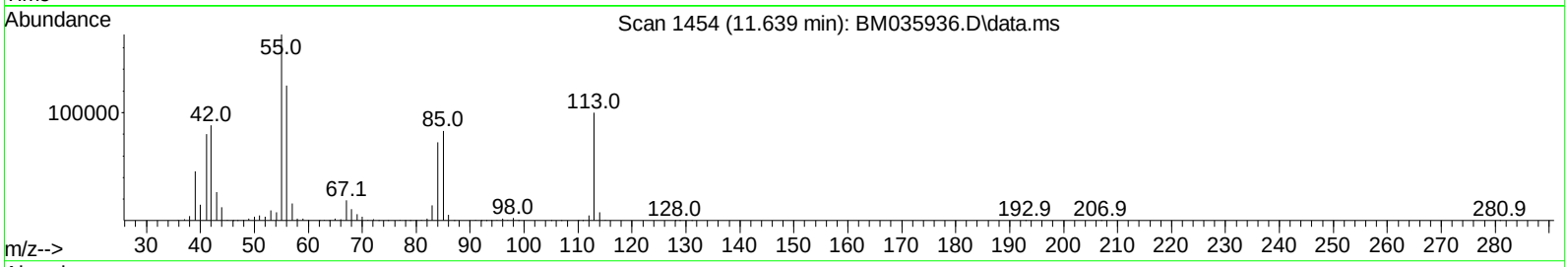

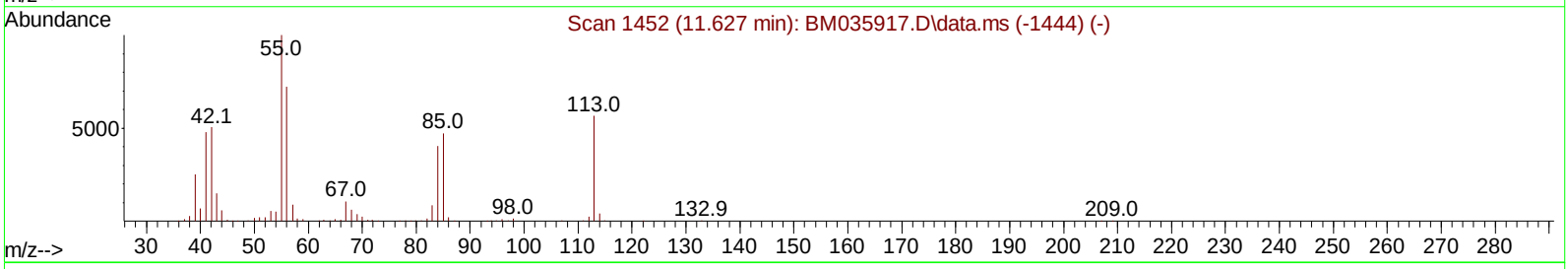

TIC: BM035936.D\data.ms

(34) Caprolactam

11.639min (+ 0.012) 37.79 ng/ul m

response 298398

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	172.85
56.00	127.60	125.71
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	7.887	152	358281	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1648435	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	1023107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	2137546	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2154897	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	2091649	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	43122	4.529	ng/uL	0.00
4) Pyridine-d5	3.693	84	367822	14.101	ng/ul	0.00
7) Phenol-d5	7.051	99	931097	30.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	584523	29.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	732606	29.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	706409	29.022	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	379248	29.034	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	375159	29.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	728826	31.665	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1007129	25.847	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	2345630	33.657	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	2864372	32.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	432072	30.191	ng/ul	0.00
60) Fluorene-d10	15.510	176	2070216	32.873	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	327376	28.492	ng/ul	0.00
73) Anthracene-d10	17.363	188	3126376	32.351	ng/ul	0.00
81) Pyrene-d10	19.645	212	3846199	32.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	3633967	34.221	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	115836	11.740	ng/uL	94
5) Pyridine	3.716	79	593849	21.695	ng/ul	87
6) Benzaldehyde	7.022	77	760219	60.286	ng/ul	95
8) Phenol	7.075	94	1163205	35.377	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.310	93	938567	35.506	ng/ul	98
12) 2-Chlorophenol	7.446	128	901426	35.235	ng/ul	99
13) 2-Methylphenol	8.334	108	845165	34.408	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1257245	36.033	ng/ul	97
16) Acetophenone	8.716	105	1460433	37.371	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	751791	38.577	ng/ul	95
18) 4-Methylphenol	8.663	108	942081	35.752	ng/ul	98
19) Hexachloroethane	8.963	117	368555	34.916	ng/ul	86
22) Nitrobenzene	9.092	77	1044565	34.945	ng/ul	99
23) Isophorone	9.622	82	2115415	37.490	ng/ul	97
25) 2-Nitrophenol	9.804	139	502760	35.609	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	635966	22.044	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	1283005	36.053	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	852357	35.679	ng/ul	100
30) Naphthalene	10.739	128	3043915	34.984	ng/ul	99
32) 4-Chloroaniline	10.857	127	1277055	32.993	ng/ul	98
33) Hexachlorobutadiene	11.028	225	497777	33.752	ng/ul	98
34) Caprolactam	11.639	113	298398m	37.794	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	964180	38.814	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	2075795	36.465	ng/ul	99
37) 1-Methylnaphthalene	12.569	142	2100617	36.609	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	993014	34.097	ng/ul	99
40) Hexachlorocyclopentadiene	12.692	237	437600	22.561	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	677053	36.328	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	732577	36.838	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	2788971	35.416	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	2117720	35.041	ng/ul	99
45) 2-Nitroaniline	13.610	65	658255	39.508	ng/ul	98
47) Dimethylphthalate	13.986	163	2688642	38.354	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	553045	39.737	ng/ul	92
50) Acenaphthylene	14.245	152	3549930	36.090	ng/ul	99
51) 3-Nitroaniline	14.433	138	663939	43.166	ng/ul	98
52) Acenaphthene	14.586	153	2312445	36.237	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	263976	33.405	ng/ul	98
55) 4-Nitrophenol	14.739	109	410390	37.494	ng/ul	84
56) Dibenzofuran	14.922	168	3251777	36.828	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	806316	41.100	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.145	232	592956	37.950	ng/ul#	95
59) Diethylphthalate	15.351	149	2804554	39.553	ng/ul	99
61) Fluorene	15.569	166	2719312	37.701	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	1293544	37.431	ng/ul	98
63) 4-Nitroaniline	15.592	138	711493	50.246	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.645	198	396155	34.456	ng/ul#	98
67) N-Nitrosodiphenylamine	15.774	169	2266247	36.063	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	773578	36.915	ng/ul	99
69) Hexachlorobenzene	16.563	284	934018	36.581	ng/ul	98
70) Atrazine	16.733	200	823773	37.794	ng/ul	99
71) Pentachlorophenol	16.910	266	423525	27.152	ng/ul	99
72) Phenanthrene	17.304	178	4294241	37.483	ng/ul	98
74) Anthracene	17.392	178	4217830	36.689	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	1016227	30.572	ng/uL	97
76) Pentachlorobenzene	14.833	250	1047685	34.770	ng/uL	100
77) Carbazole	17.663	167	4142817	39.018	ng/ul	99
78) Di-n-butylphthalate	18.233	149	4972172	41.505	ng/ul	99
80) Fluoranthene	19.315	202	5177390	36.284	ng/ul	99
82) Pyrene	19.680	202	5260618	35.768	ng/ul	97
83) Butylbenzylphthalate	20.580	149	2129564	39.811	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	1566224	39.387	ng/ul	99
85) Benzo(a)anthracene	21.421	228	5192011	38.280	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.356	149	3202554	41.435	ng/ul	99
87) Chrysene	21.474	228	5055822	38.204	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	5132577	37.998	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	5443650	38.997	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	4968096	37.505	ng/ul	97
93) Benzo(a)pyrene	23.703	252	5061990	38.071	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	5383046	37.983	ng/ul	95
95) Dibenzo(a,h)anthracene	26.291	278	4634860	38.119	ng/ul	97
96) Benzo(g,h,i)perylene	27.027	276	3857225	32.843	ng/ul	96

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

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