Quantitation Report (Qedit)

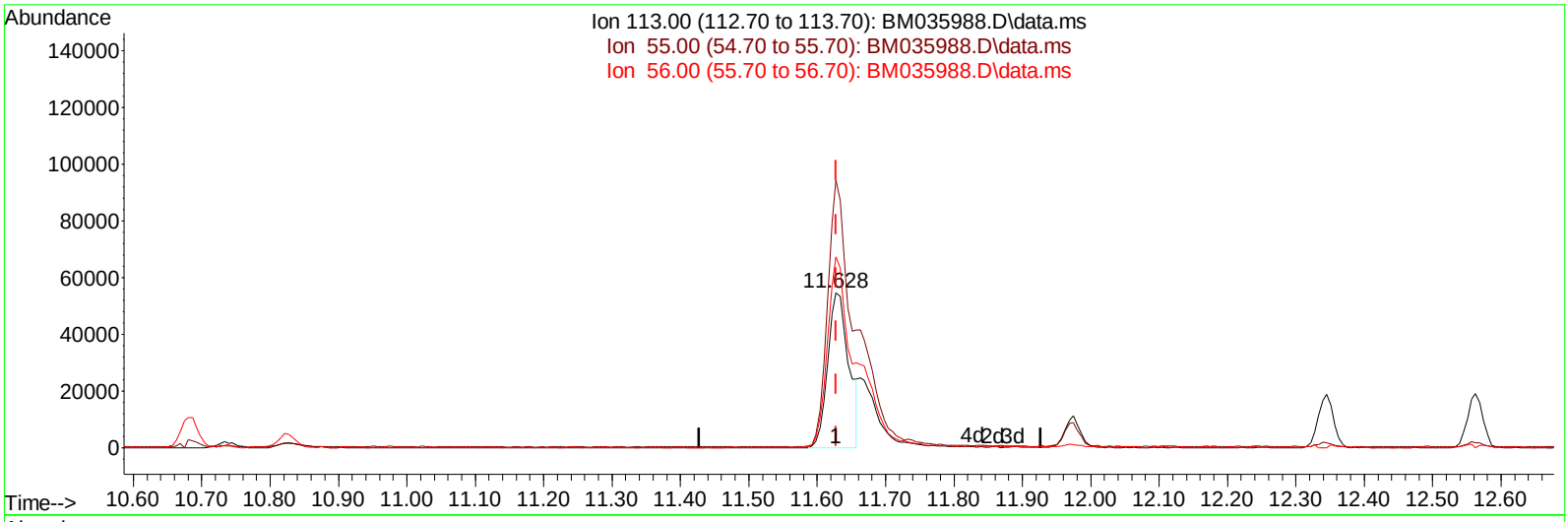
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM035988.D
Acq On : 29 Jul 2022 10:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

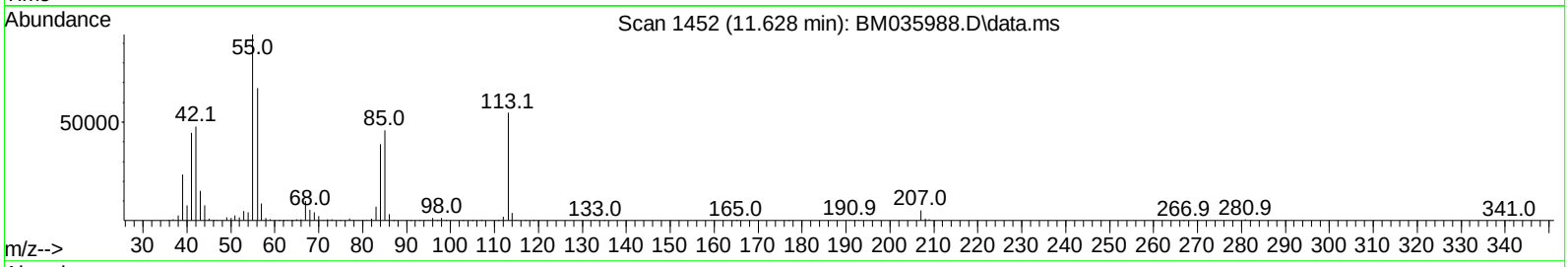
Quant Time: Jul 30 02:47:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

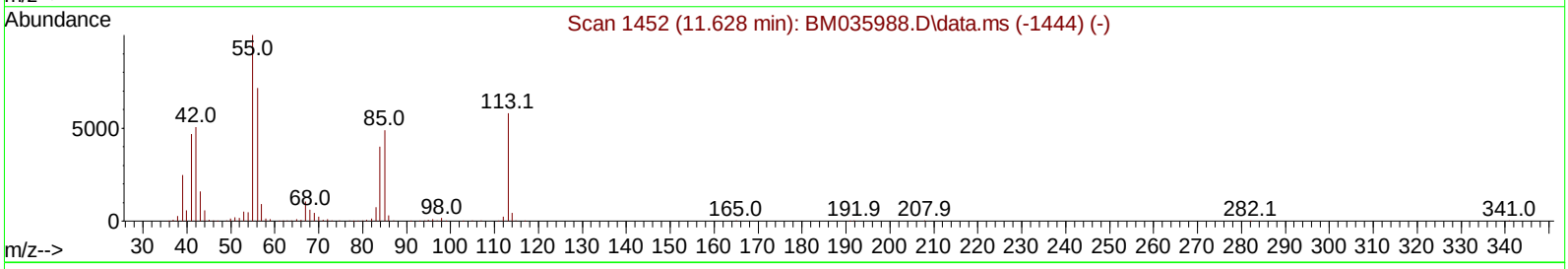
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/01/2022







TIC: BM035988.D\data.ms

(34) Caprolactam

11.628min (0.000) 14.04 ng/ul

response 116677

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	172.62
56.00	127.60	123.12
0.00	0.00	0.00

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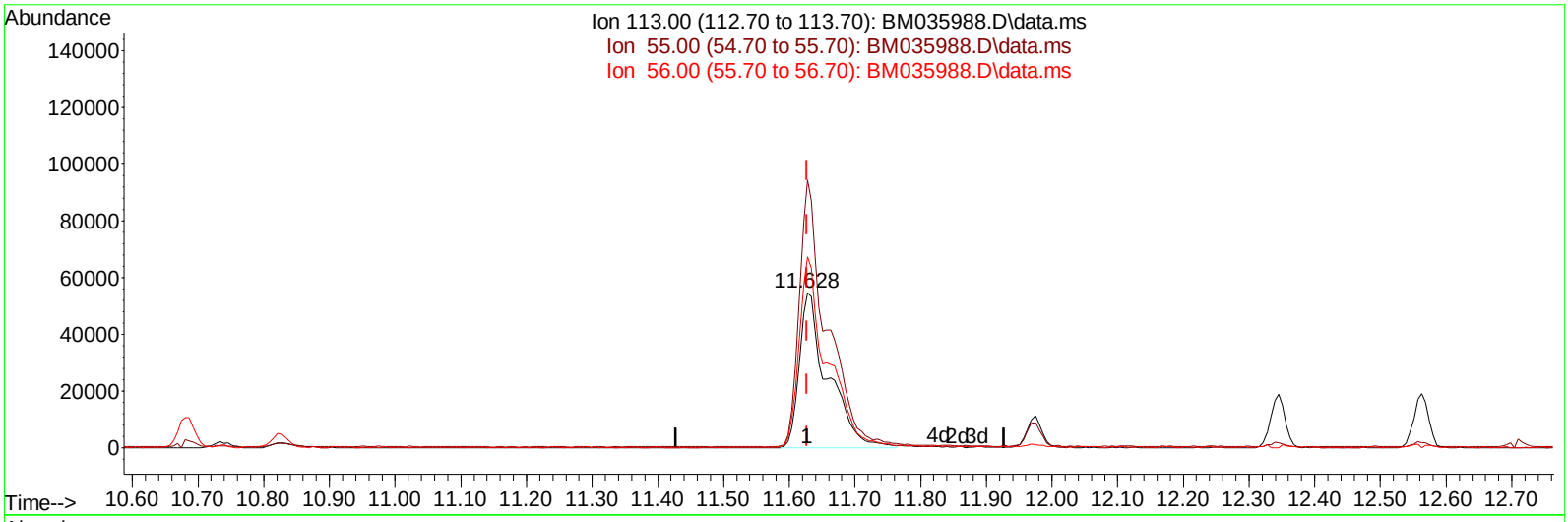

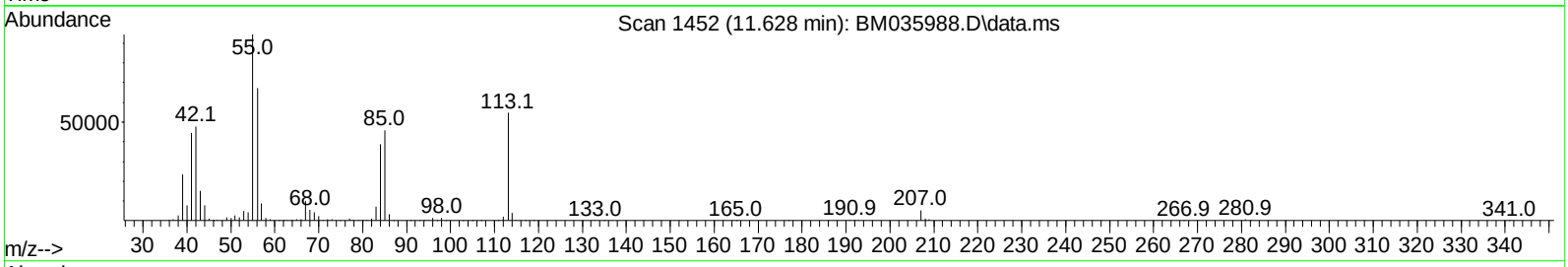

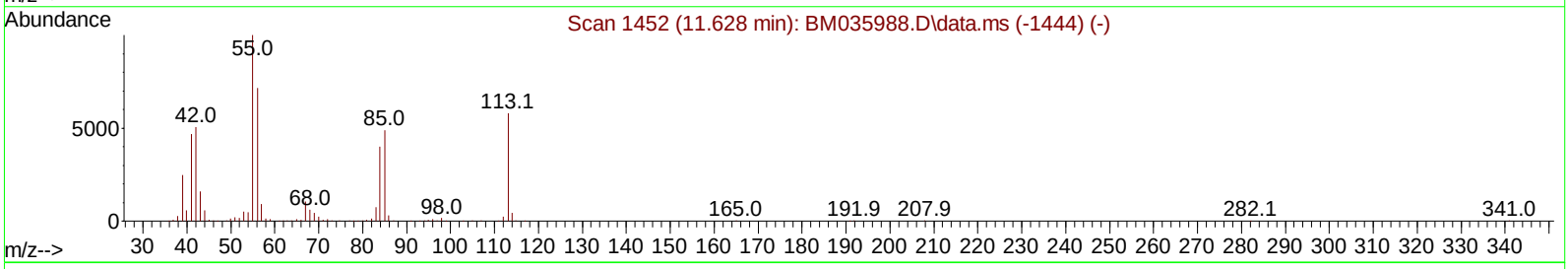

TIC: BM035988.D\data.ms

(34) Caprolactam

11.628min (0.000) 19.81 ng/ul m

response 164640

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	172.62
56.00	127.60	123.12
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	7.875	152	410285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1735625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	1035530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2096279	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2029504	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	2075127	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	84768	7.775	ng/uL	0.00
4) Pyridine-d5	3.699	84	569335	19.060	ng/ul	0.00
7) Phenol-d5	7.045	99	663123	19.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	434711	18.953	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	588928	20.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	538330	19.314	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	286201	20.810	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	289595	21.613	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	517761	21.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	834979	20.352	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	1445977	20.499	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1849757	20.553	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	275361	19.010	ng/ul	0.00
60) Fluorene-d10	15.504	176	1311711	20.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	207368	18.403	ng/ul	0.00
73) Anthracene-d10	17.351	188	1978422	20.875	ng/ul	0.00
81) Pyrene-d10	19.645	212	2231111	19.836	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	2158545	20.489	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	90213	7.984	ng/uL	92
5) Pyridine	3.716	79	607349	19.376	ng/ul	90
6) Benzaldehyde	7.016	77	278640	19.296	ng/ul	94
8) Phenol	7.069	94	724325	19.237	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.304	93	583224	19.267	ng/ul	96
12) 2-Chlorophenol	7.440	128	603695	20.606	ng/ul	98
13) 2-Methylphenol	8.328	108	545101	19.379	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	763328	19.104	ng/ul	97
16) Acetophenone	8.710	105	851121	19.019	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	430119	19.273	ng/ul	94
18) 4-Methylphenol	8.657	108	580998	19.254	ng/ul	97
19) Hexachloroethane	8.957	117	249465	20.638	ng/ul	91
22) Nitrobenzene	9.086	77	630929	20.047	ng/ul	98
23) Isophorone	9.616	82	1177650	19.822	ng/ul	97
25) 2-Nitrophenol	9.798	139	319944	21.522	ng/ul	97
26) 2,4-Dimethylphenol	9.863	107	620126	20.415	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.098	93	745286	19.891	ng/ul	100
29) 2,4-Dichlorophenol	10.333	162	530555	21.093	ng/ul	98
30) Naphthalene	10.733	128	1875938	20.477	ng/ul	100
32) 4-Chloroaniline	10.851	127	826157	20.272	ng/ul	100
33) Hexachlorobutadiene	11.016	225	332522	21.414	ng/ul	98
34) Caprolactam	11.628	113	164640m	19.805	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	541798	20.715	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.345	142	1226968	20.471	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	1244103	20.593	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.710	216	606283	20.568	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	343353	17.489	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	402708	21.348	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	431112	21.419	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1601188	20.089	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1236041	20.207	ng/ul	99
45) 2-Nitroaniline	13.604	65	343962	20.396	ng/ul	94
47) Dimethylphthalate	13.980	163	1458919	20.562	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	298880	21.217	ng/ul	94
50) Acenaphthylene	14.239	152	2034653	20.437	ng/ul	100
51) 3-Nitroaniline	14.427	138	239967	15.414	ng/ul	94
52) Acenaphthene	14.580	153	1300097	20.129	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	135210	16.905	ng/ul	94
55) 4-Nitrophenol	14.733	109	208880	18.855	ng/ul	87
56) Dibenzofuran	14.916	168	1826607	20.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	420185	21.161	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.139	232	343201	21.702	ng/ul	97
59) Diethylphthalate	15.339	149	1490692	20.771	ng/ul	99
61) Fluorene	15.563	166	1478634	20.254	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	714515	20.428	ng/ul	97
63) 4-Nitroaniline	15.586	138	204253	14.251	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.639	198	206858	18.346	ng/ul	98
67) N-Nitrosodiphenylamine	15.768	169	1231488	19.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	424576	20.660	ng/ul	97
69) Hexachlorobenzene	16.557	284	511723	20.436	ng/ul	98
70) Atrazine	16.721	200	427812	20.014	ng/ul	99
71) Pentachlorophenol	16.904	266	301874	19.734	ng/ul	98
72) Phenanthrene	17.298	178	2270401	20.207	ng/ul	98
74) Anthracene	17.386	178	2322413	20.600	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	627488	19.249	ng/uL	98
76) Pentachlorobenzene	14.827	250	593243	20.076	ng/uL	99
77) Carbazole	17.662	167	2100395	20.171	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2569998	21.875	ng/ul	99
80) Fluoranthene	19.309	202	2632406	19.588	ng/ul	99
82) Pyrene	19.674	202	2717321	19.617	ng/ul	97
83) Butylbenzylphthalate	20.574	149	1113340	22.099	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.356	252	749552	20.014	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2666942	20.878	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1644407	22.590	ng/ul	99
87) Chrysene	21.474	228	2556228	20.509	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2721587	20.309	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2810924	20.297	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	2515824	19.144	ng/ul	97
93) Benzo(a)pyrene	23.703	252	2674399	20.274	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	3107167	22.099	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.291	278	2655007	22.010	ng/ul	96
96) Benzo(g,h,i)perylene	27.032	276	2637313	22.635	ng/ul	95

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

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