Quantitation Report (Qedit)

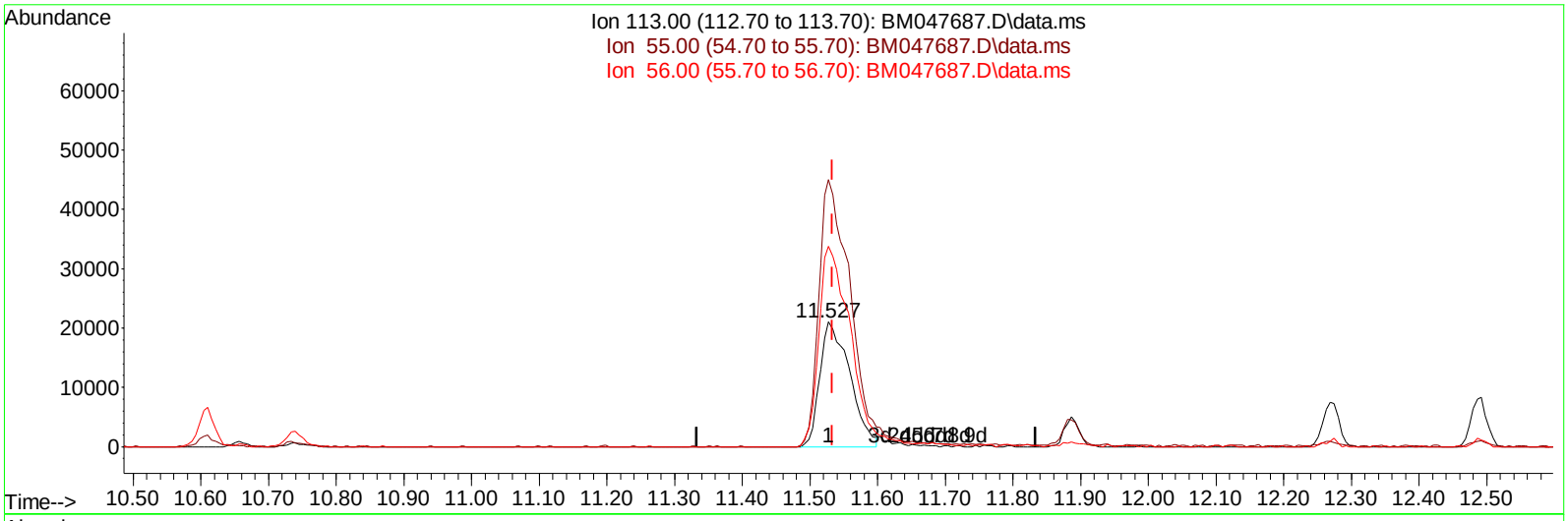
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
Data File : BM047687.D
Acq On : 28 Sep 2024 12:04
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

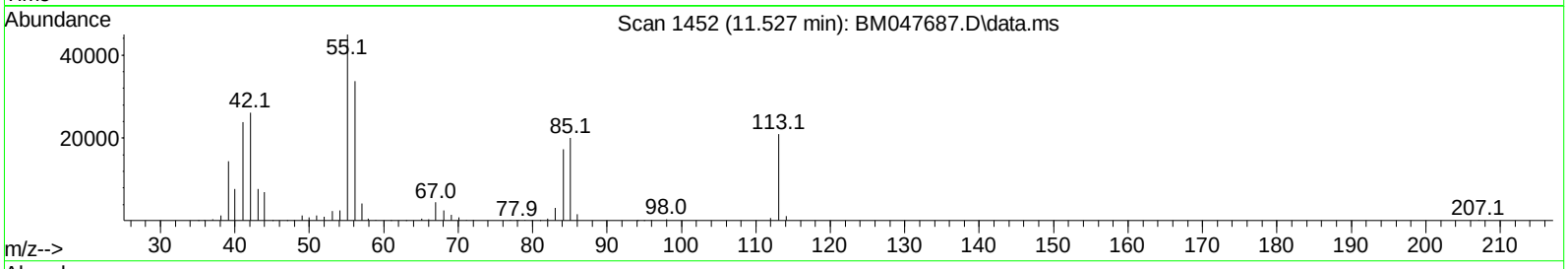
Quant Time: Sep 29 00:38:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

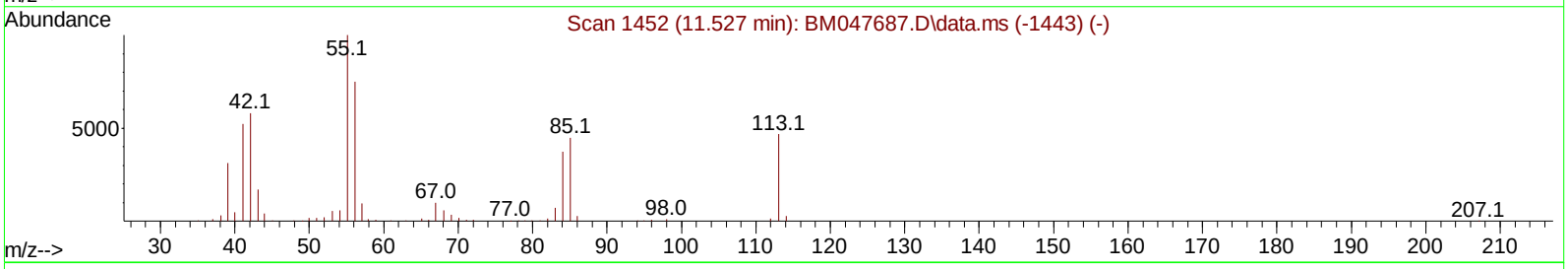
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024







TIC: BM047687.D\data.ms

(34) Caprolactam

11.527min (-0.006) 18.36 ng/ul

response 64735

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	213.73
56.00	164.10	160.30
0.00	0.00	0.00

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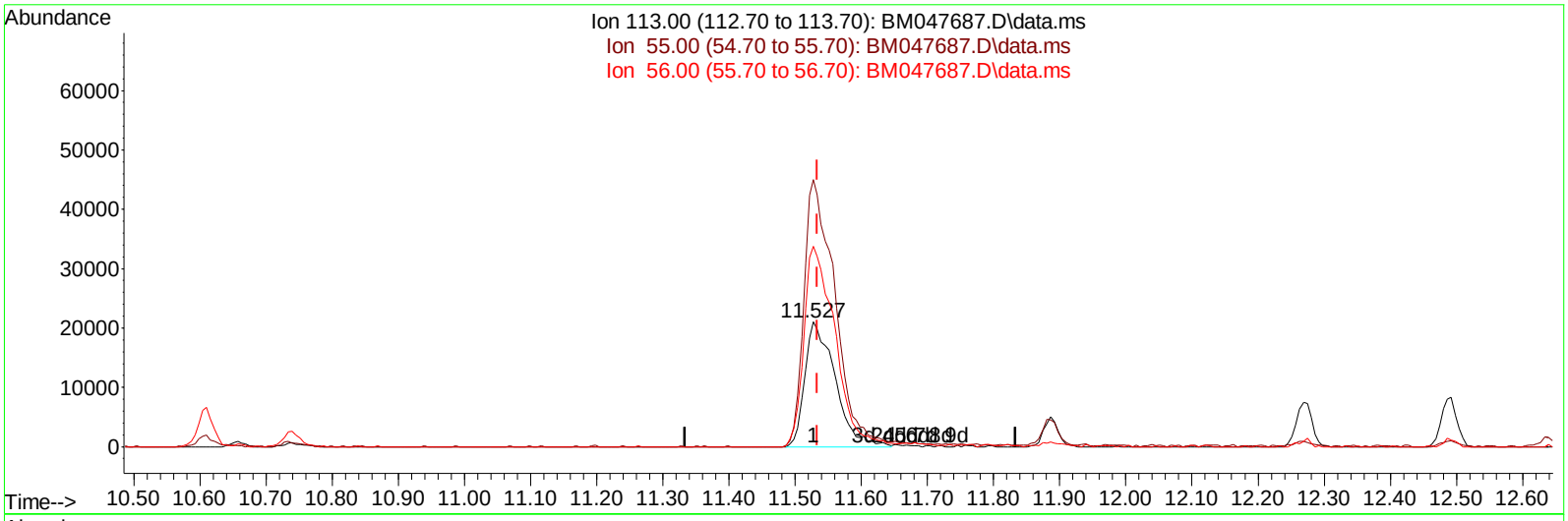

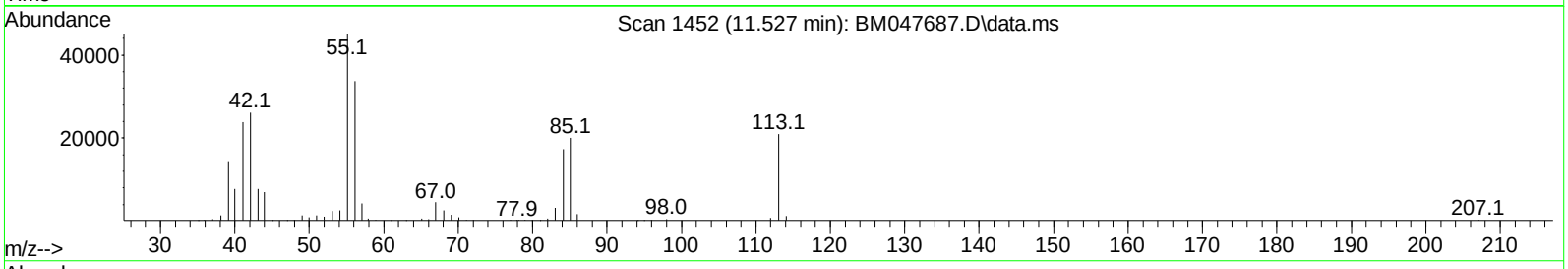

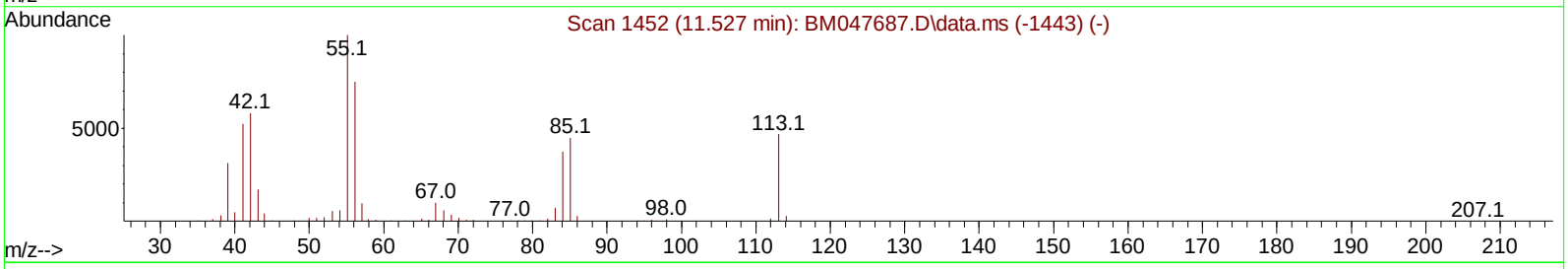

TIC: BM047687.D\data.ms

(34) Caprolactam

11.527min (-0.006) 18.97 ng/ul m

response 66867

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	213.73
56.00	164.10	160.30
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	169777	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	700379	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	410094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	792268	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	748204	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	801232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	43397	8.260	ng/uL	0.00
4) Pyridine-d5	3.675	84	311475	20.249	ng/ul	0.00
7) Phenol-d5	6.975	99	313321	19.517	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	228268	20.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	241903	20.710	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	231656	19.408	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	112116	20.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	107428	20.103	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	214542	20.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	320222	19.403	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	597607	20.100	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	711579	20.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	112049	18.928	ng/ul	0.00
60) Fluorene-d10	15.439	176	509344	19.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	82425	17.778	ng/ul	0.00
73) Anthracene-d10	17.280	188	775956	19.918	ng/ul	0.00
81) Pyrene-d10	19.568	212	839217	19.763	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	825411	19.855	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	46657	8.131	ng/uL	97
5) Pyridine	3.693	79	332004	20.501	ng/ul	99
6) Benzaldehyde	6.951	77	214650	24.586	ng/ul	99
8) Phenol	7.004	94	336779	19.715	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	274274	20.150	ng/ul	99
12) 2-Chlorophenol	7.381	128	256611	20.738	ng/ul	98
13) 2-Methylphenol	8.251	108	230655	19.365	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	517407	20.193	ng/ul	99
16) Acetophenone	8.634	105	403348	19.749	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	221374	20.464	ng/ul	97
18) 4-Methylphenol	8.581	108	263110	19.656	ng/ul	95
19) Hexachloroethane	8.898	117	112286	20.188	ng/ul	96
22) Nitrobenzene	9.010	77	321797	20.314	ng/ul	98
23) Isophorone	9.539	82	574059	20.258	ng/ul	99
25) 2-Nitrophenol	9.722	139	124937	20.436	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	267464	20.418	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	351395	20.274	ng/ul	97
29) 2,4-Dichlorophenol	10.257	162	219681	19.929	ng/ul	99
30) Naphthalene	10.657	128	799064	19.835	ng/ul	100
32) 4-Chloroaniline	10.763	127	316558	19.480	ng/ul	100
33) Hexachlorobutadiene	10.951	225	145153	19.930	ng/ul	97
34) Caprolactam	11.527	113	66867m	18.967	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	233568	20.469	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	513171	20.048	ng/ul	97
37) 1-Methylnaphthalene	12.486	142	517597	19.875	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	261587	19.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	155033	19.201	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	157979	20.453	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	172927	20.474	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	655714	19.970	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	502205	19.776	ng/ul	99
45) 2-Nitroaniline	13.521	65	164912	20.457	ng/ul	97
47) Dimethylphthalate	13.904	163	602408	20.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	107567	20.341	ng/ul	97
50) Acenaphthylene	14.168	152	800034	20.124	ng/ul	100
51) 3-Nitroaniline	14.345	138	126504	19.766	ng/ul	97
52) Acenaphthene	14.510	153	559712	19.916	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	52674	16.120	ng/ul	97
55) 4-Nitrophenol	14.645	109	97121	19.541	ng/ul	97
56) Dibenzofuran	14.845	168	751674	19.870	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	161693	20.358	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.068	232	137601	20.667	ng/ul	98
59) Diethylphthalate	15.268	149	606470	20.130	ng/ul	99
61) Fluorene	15.492	166	629165	19.935	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	296484	19.881	ng/ul	98
63) 4-Nitroaniline	15.504	138	132726	21.353	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.563	198	95576	18.604	ng/ul#	97
67) N-Nitrosodiphenylamine	15.698	169	497986	20.171	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	162491	19.897	ng/ul	98
69) Hexachlorobenzene	16.498	284	187273	19.705	ng/ul	98
70) Atrazine	16.645	200	163949	19.949	ng/ul	99
71) Pentachlorophenol	16.833	266	110205	18.236	ng/ul	100
72) Phenanthrene	17.227	178	919776	19.797	ng/ul	100
74) Anthracene	17.315	178	954773	20.148	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	260917	19.890	ng/uL	99
76) Pentachlorobenzene	14.768	250	248284	19.391	ng/uL	98
77) Carbazole	17.580	167	842102	19.605	ng/ul	100
78) Di-n-butylphthalate	18.151	149	977542	20.442	ng/ul	99
80) Fluoranthene	19.239	202	1003760	20.070	ng/ul	100
82) Pyrene	19.598	202	1110001	19.941	ng/ul	98
83) Butylbenzylphthalate	20.492	149	401949	20.425	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.315	252	309007	19.545	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1042147	19.893	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	603107	20.413	ng/ul	100
87) Chrysene	21.450	228	1007016	19.718	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	969565	18.761	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1004268	20.099	ng/ul	100
91) Benzo(k)fluoranthene	23.527	252	1007694	19.723	ng/ul	99
93) Benzo(a)pyrene	24.274	252	946037	19.936	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.803	276	1190957	19.584	ng/ul	100
95) Dibenzo(a,h)anthracene	27.862	278	969548	19.454	ng/ul	99
96) Benzo(g,h,i)perylene	28.868	276	927871	19.474	ng/ul	99

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

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