Quantitation Report (Qedit)

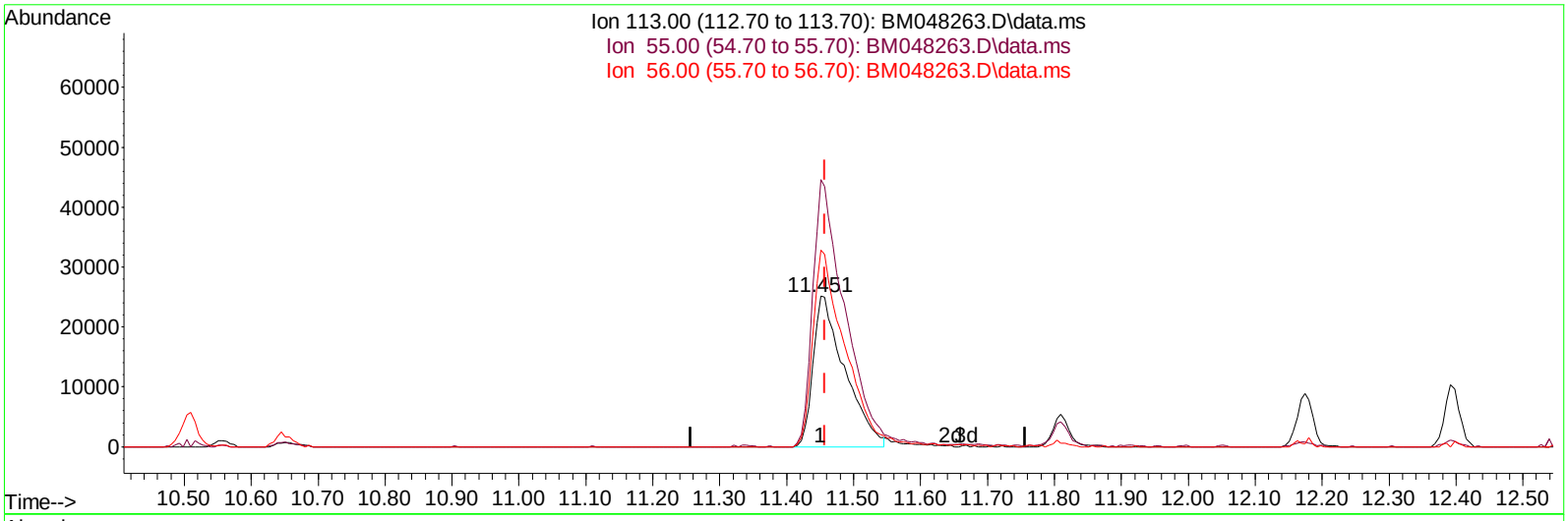
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048263.D
Acq On : 28 Oct 2024 20:33
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

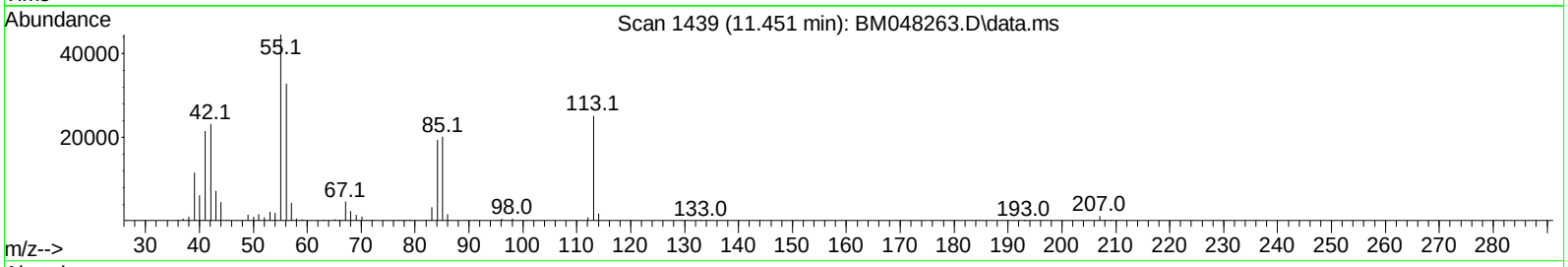
Quant Time: Oct 28 22:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

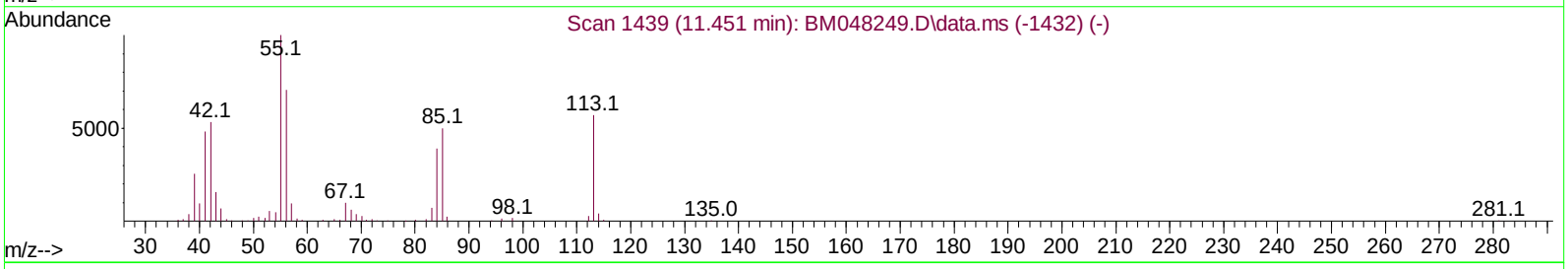
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048263.D\data.ms

(34) Caprolactam

11.451min (-0.006) 18.32 ng/ul

response 82700

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	177.14
56.00	132.30	130.37
0.00	0.00	0.00

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LabSampleId :
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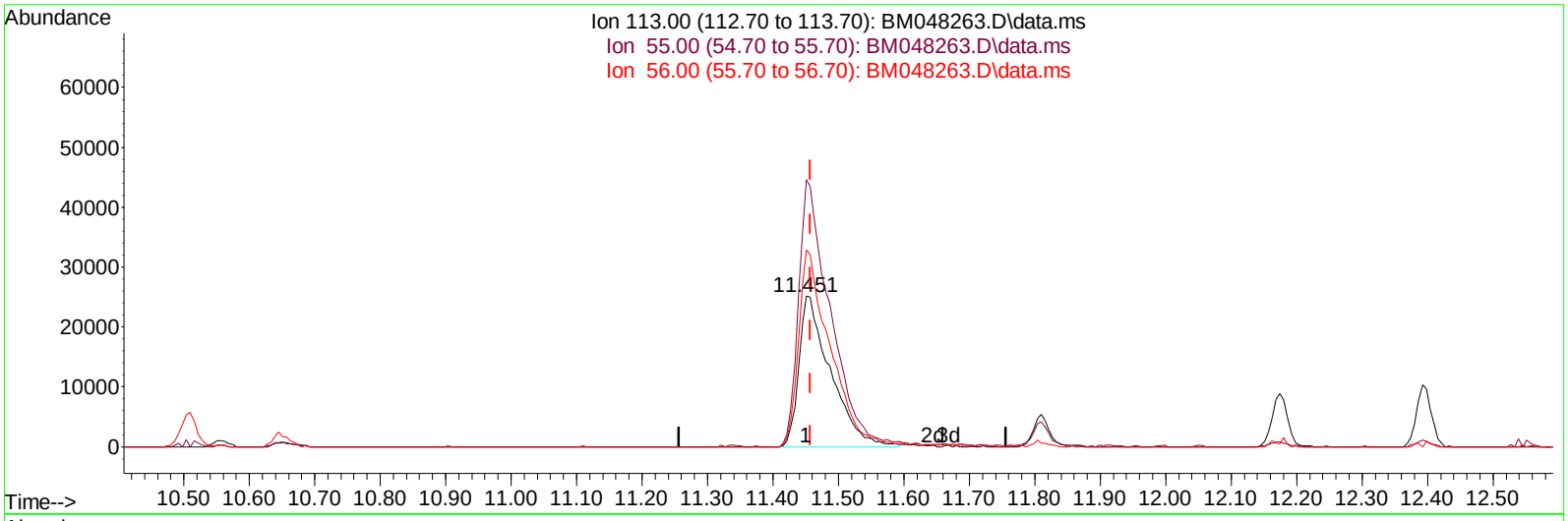

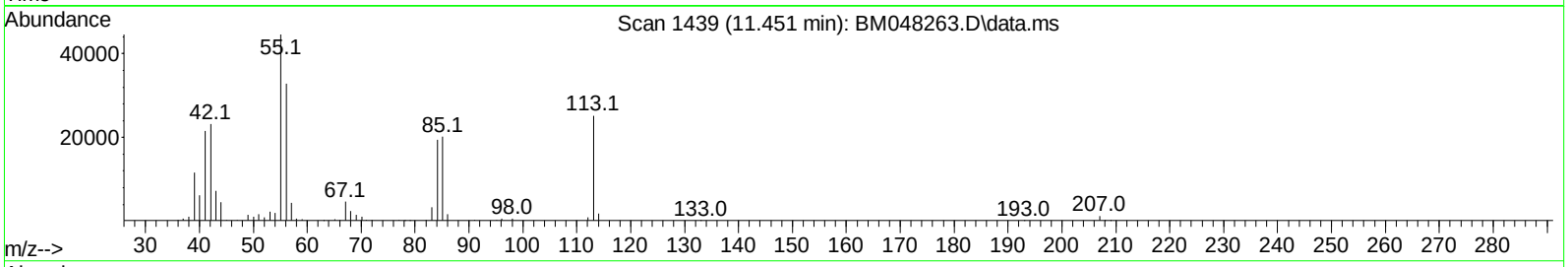

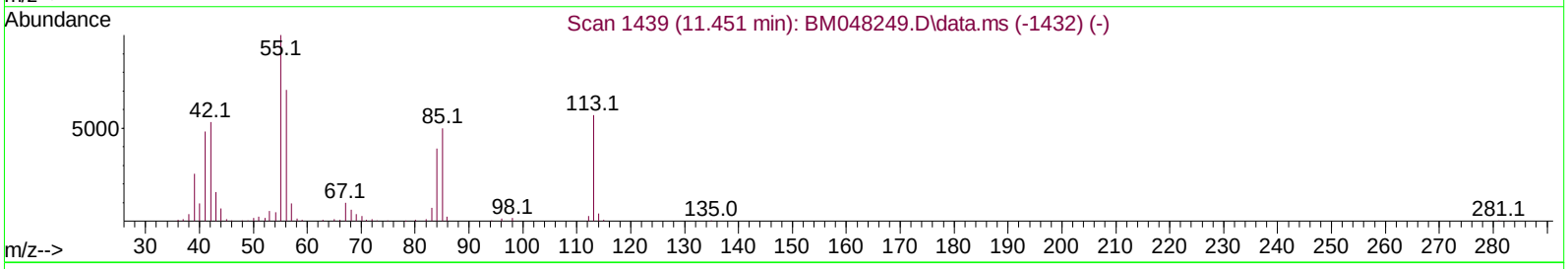

TIC: BM048263.D\data.ms

(34) Caprolactam

11.451min (-0.006) 18.75 ng/ul m

response 84637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	177.14
56.00	132.30	130.37
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 28 23:15:04 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	205897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	853600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	544170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1088567	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1021592	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	1147955	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	45411	8.683	ng/uL	0.00
4) Pyridine-d5	3.587	84	308965	20.382	ng/ul	0.00
7) Phenol-d5	6.898	99	355098	20.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	226488	20.670	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	302642	21.039	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	282176	19.869	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	145651	20.812	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	154383	20.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	286502	20.709	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	393329	20.475	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	807044	19.845	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	947182	20.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	143623	19.312	ng/ul	0.00
60) Fluorene-d10	15.357	176	708183	20.609	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	136500	18.974	ng/ul	0.00
73) Anthracene-d10	17.204	188	1073524	20.856	ng/ul	0.00
81) Pyrene-d10	19.492	212	1225860	19.774	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	1263105	20.861	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	48641	8.798	ng/uL	97
5) Pyridine	3.604	79	332123	21.378	ng/ul	99
6) Benzaldehyde	6.863	77	193634	22.118	ng/ul	97
8) Phenol	6.922	94	376506	20.438	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.145	93	301117	20.460	ng/ul	99
12) 2-Chlorophenol	7.287	128	308618	20.896	ng/ul	97
13) 2-Methylphenol	8.169	108	279206	20.147	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.239	45	466165	20.724	ng/ul	99
16) Acetophenone	8.539	105	460902	20.606	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	232180	20.239	ng/ul	99
18) 4-Methylphenol	8.498	108	309474	20.233	ng/ul	94
19) Hexachloroethane	8.792	117	131486	21.119	ng/ul	98
22) Nitrobenzene	8.916	77	334146	20.548	ng/ul	98
23) Isophorone	9.445	82	640024	20.309	ng/ul	98
25) 2-Nitrophenol	9.628	139	169476	20.394	ng/ul	98
26) 2,4-Dimethylphenol	9.692	107	317688	20.824	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	394643	20.191	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	291715	20.607	ng/ul	98
30) Naphthalene	10.557	128	991690	20.801	ng/ul	100
32) 4-Chloroaniline	10.675	127	380489	20.442	ng/ul	99
33) Hexachlorobutadiene	10.845	225	196780	20.860	ng/ul	98
34) Caprolactam	11.451	113	84637m	18.746	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	290394	20.388	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.174	142	661815	20.594	ng/ul	98
37) 1-Methylnaphthalene	12.392	142	670171	20.558	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.545	216	359069	20.842	ng/ul	99
40) Hexachlorocyclopentadiene	12.527	237	208336	20.202	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	227633	20.470	ng/ul	96
42) 2,4,5-Trichlorophenol	12.869	196	243227	20.708	ng/ul	96
43) 1,1'-Biphenyl	13.192	154	861744	20.647	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	675264	20.879	ng/ul	99
45) 2-Nitroaniline	13.445	65	183090	20.455	ng/ul	98
47) Dimethylphthalate	13.821	163	811889	19.907	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	158973	20.046	ng/ul	99
50) Acenaphthylene	14.080	152	1050011	20.964	ng/ul	100
51) 3-Nitroaniline	14.274	138	159803	19.144	ng/ul	100
52) Acenaphthene	14.427	153	730332	20.549	ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	91305	16.928	ng/ul	97
55) 4-Nitrophenol	14.592	109	105056	19.351	ng/ul	98
56) Dibenzofuran	14.762	168	1019827	20.857	ng/ul	100
57) 2,4-Dinitrotoluene	14.733	165	239073	20.621	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	204280	20.286	ng/ul	98
59) Diethylphthalate	15.186	149	823773	20.076	ng/ul	99
61) Fluorene	15.410	166	819766	21.055	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	405787	20.761	ng/ul	98
63) 4-Nitroaniline	15.439	138	155593	20.585	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	153029	19.843	ng/ul	95
67) N-Nitrosodiphenylamine	15.621	169	680206	20.929	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	248515	20.925	ng/ul	99
69) Hexachlorobenzene	16.415	284	292666	20.595	ng/ul	97
70) Atrazine	16.574	200	228326	20.519	ng/ul	98
71) Pentachlorophenol	16.762	266	178895	19.897	ng/ul	97
72) Phenanthrene	17.145	178	1245864	20.669	ng/ul	100
74) Anthracene	17.239	178	1267589	21.010	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	358674	20.820	ng/uL	98
76) Pentachlorobenzene	14.680	250	359521	20.507	ng/uL	100
77) Carbazole	17.509	167	1142695	21.571	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1437548	20.650	ng/ul	100
80) Fluoranthene	19.162	202	1418072	19.659	ng/ul	99
82) Pyrene	19.521	202	1539080	19.900	ng/ul	99
83) Butylbenzylphthalate	20.421	149	634775	19.861	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	479471	21.510	ng/ul	98
85) Benzo(a)anthracene	21.309	228	1518626	20.613	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	954891	20.734	ng/ul	98
87) Chrysene	21.374	228	1441868	20.813	ng/ul	100
89) Di-n-octyl phthalate	22.344	149	1618362	18.844	ng/ul	100
90) Benzo(b)fluoranthene	23.344	252	1484255	20.261	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	1536843	20.953	ng/ul	100
93) Benzo(a)pyrene	24.138	252	1406118	21.099	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.591	276	1812399	22.581	ng/ul	99
95) Dibenzo(a,h)anthracene	27.638	278	1483819	22.605	ng/ul	100
96) Benzo(g,h,i)perylene	28.626	276	1395546	22.658	ng/ul	99

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

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