Quantitation Report (Qedit)

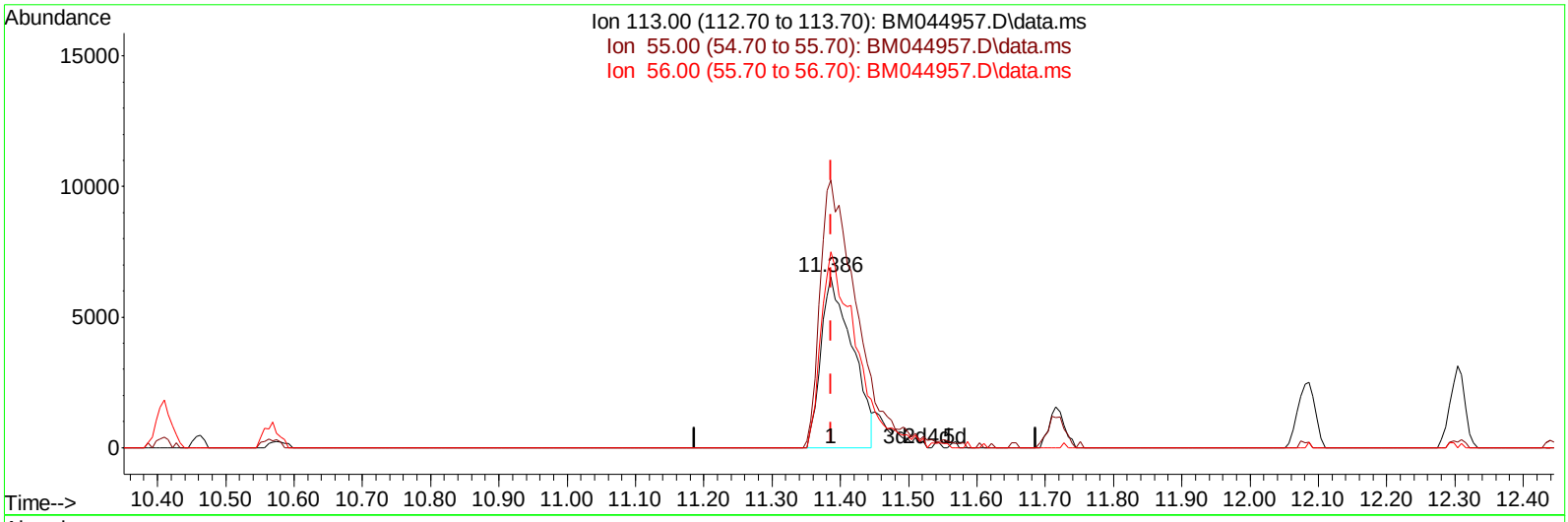
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
Data File : BM044957.D
Acq On : 05 Apr 2024 20:21
Operator : MA/JU
Sample : SSTD02008
Misc :
ALS Vial : 4 Sample Multiplier: 1

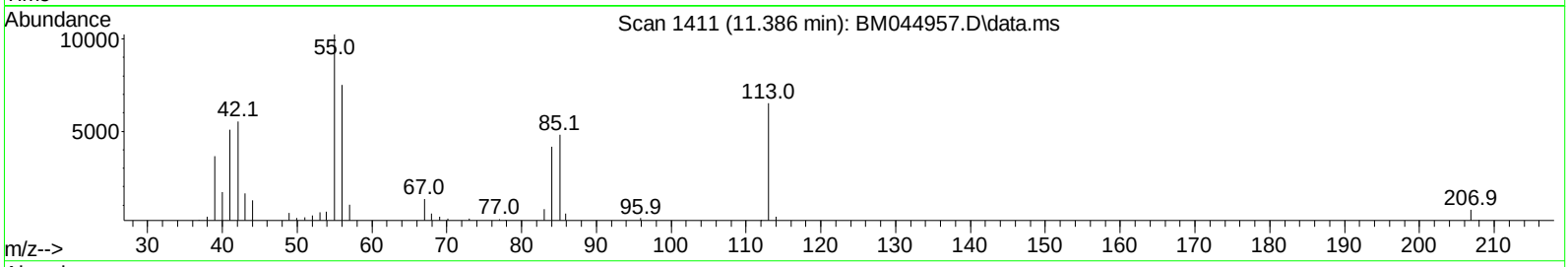
Quant Time: Apr 06 00:15:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

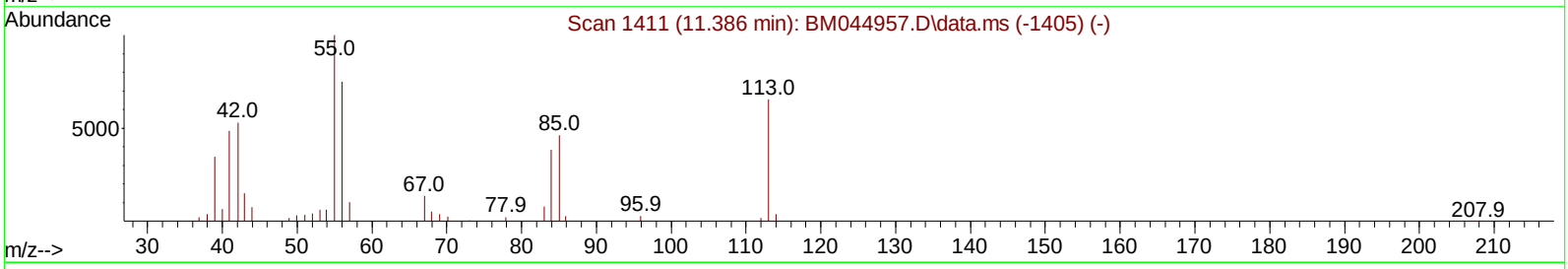
Instrument :
BNA_M
ClientSampleId :
SSTD020029

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024







TIC: BM044957.D\data.ms

(34) Caprolactam

11.386min (0.000) 14.94 ng/ul

response 20894

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.68
56.00	114.80	114.79
0.00	0.00	0.00

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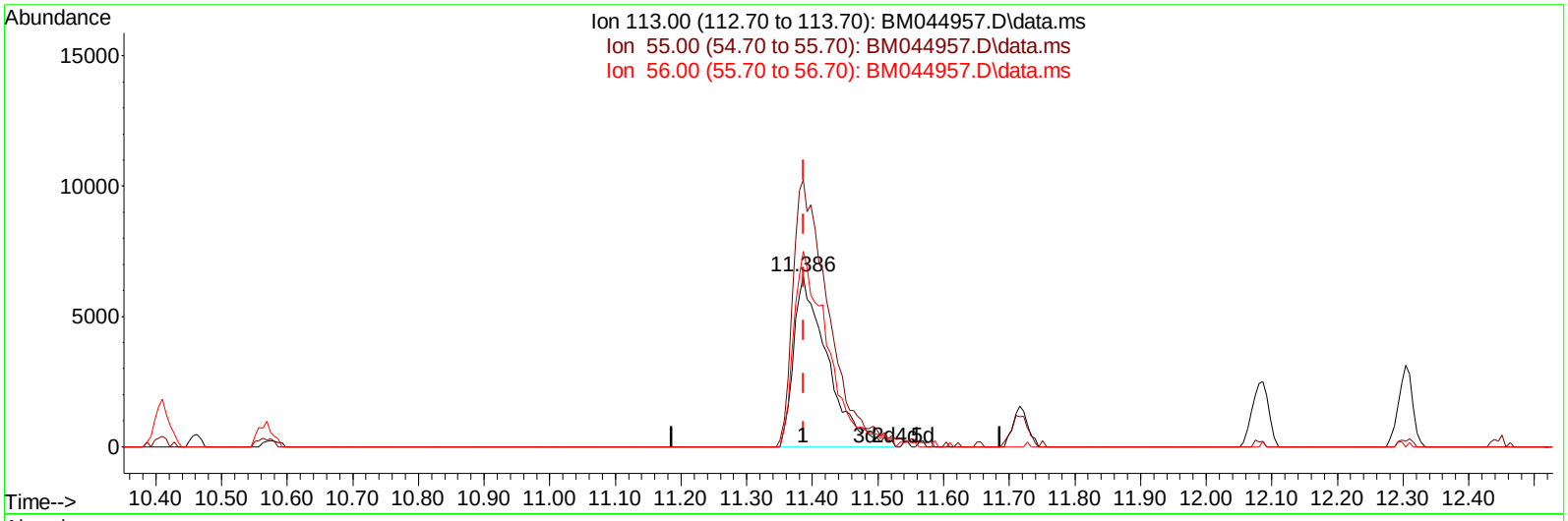

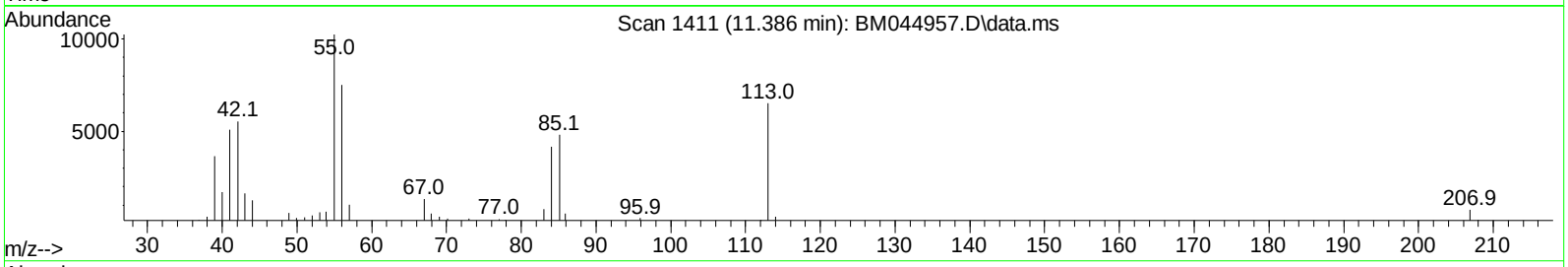

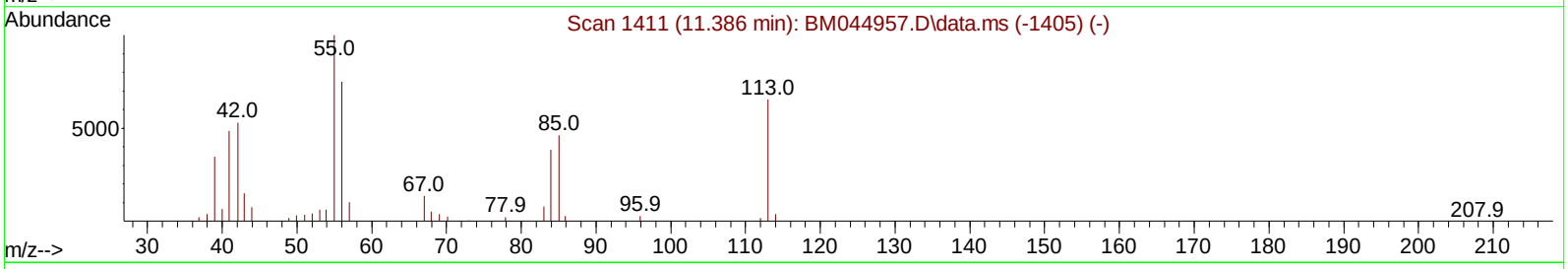

TIC: BM044957.D\data.ms

(34) Caprolactam

11.386min (0.000) 16.89 ng/ul m

response 23612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.68
56.00	114.80	114.79
0.00	0.00	0.00

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Acq On : 05 Apr 2024 20:21
Operator : MA/JU
Sample : SSTD02008
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 06 00:23:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020029

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	57405	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	232757	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	146887	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	325953	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	398198	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	519296	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	12796	7.560	ng/uL	0.00
4) Pyridine-d5	3.610	84	83779	16.818	ng/ul	0.00
7) Phenol-d5	6.816	99	100020	16.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	60986	16.729	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	83991	19.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	77554	16.732	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	39714	20.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	41666	19.720	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	76154	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	111966	18.747	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	218456	18.959	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	258092	19.586	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	42894	17.951	ng/ul	0.00
60) Fluorene-d10	15.286	176	194563	20.094	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	37263	17.611	ng/ul	0.00
73) Anthracene-d10	17.145	188	316690	20.326	ng/ul	0.00
81) Pyrene-d10	19.450	212	400355	16.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.338	264	536436	19.653	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	14528	8.291	ng/uL	100
5) Pyridine	3.628	79	93366	18.070	ng/ul	100
6) Benzaldehyde	6.798	77	60353	23.478	ng/ul	100
8) Phenol	6.845	94	103517	17.186	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.081	93	82294	16.639	ng/ul	100
12) 2-Chlorophenol	7.204	128	88759	19.841	ng/ul	100
13) 2-Methylphenol	8.081	108	76349	16.703	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.157	45	99577	15.245	ng/ul	100
16) Acetophenone	8.463	105	122975	17.107	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.445	70	61201	16.478	ng/ul	100
18) 4-Methylphenol	8.410	108	82768	16.635	ng/ul	100
19) Hexachloroethane	8.692	117	39193	21.388	ng/ul	100
22) Nitrobenzene	8.839	77	94862	20.409	ng/ul	100
23) Isophorone	9.363	82	172163	18.155	ng/ul	100
25) 2-Nitrophenol	9.545	139	46571	20.218	ng/ul	100
26) 2,4-Dimethylphenol	9.598	107	87614	20.903	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.845	93	103120	17.291	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	77099	21.476	ng/ul	100
30) Naphthalene	10.463	128	267198	20.269	ng/ul	100
32) 4-Chloroaniline	10.592	127	108235	18.799	ng/ul	100
33) Hexachlorobutadiene	10.727	225	47664	23.688	ng/ul	100
34) Caprolactam	11.386	113	23612m	16.889	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	74983	18.011	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.080	142	170194	19.414	ng/ul	100
37) 1-Methylnaphthalene	12.304	142	173408	20.052	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	85882	20.551	ng/ul	100
40) Hexachlorocyclopentadiene	12.416	237	47863	17.254	ng/ul	100
41) 2,4,6-Trichlorophenol	12.710	196	55818	19.054	ng/ul	100
42) 2,4,5-Trichlorophenol	12.780	196	60862	19.386	ng/ul	100
43) 1,1'-Biphenyl	13.110	154	220243	18.882	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	180928	19.766	ng/ul	100
45) 2-Nitroaniline	13.380	65	50545	17.590	ng/ul	100
47) Dimethylphthalate	13.757	163	226847	19.348	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	45924	19.609	ng/ul	100
50) Acenaphthylene	14.004	152	301582	19.636	ng/ul	100
51) 3-Nitroaniline	14.216	138	50235	19.859	ng/ul	100
52) Acenaphthene	14.351	153	202241	20.030	ng/ul	100
53) 2,4-Dinitrophenol	14.433	184	21060	14.058	ng/ul	100
55) 4-Nitrophenol	14.527	109	36930	22.058	ng/ul	100
56) Dibenzofuran	14.686	168	272172	20.265	ng/ul	100
57) 2,4-Dinitrotoluene	14.680	165	68426	20.241	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.915	232	52985	20.394	ng/ul	100
59) Diethylphthalate	15.127	149	231912	19.059	ng/ul	100
61) Fluorene	15.339	166	225174	20.500	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	107267	21.040	ng/ul	100
63) 4-Nitroaniline	15.386	138	46737	19.331	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.439	198	39564	17.498	ng/ul	100
67) N-Nitrosodiphenylamine	15.562	169	185050	18.850	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	66149	20.290	ng/ul	100
69) Hexachlorobenzene	16.339	284	86567	23.312	ng/ul	100
70) Atrazine	16.527	200	68478	21.346	ng/ul	100
71) Pentachlorophenol	16.692	266	50333	20.527	ng/ul	100
72) Phenanthrene	17.086	178	376148	20.343	ng/ul	100
74) Anthracene	17.180	178	384881	20.582	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	86734	19.922	ng/uL	100
76) Pentachlorobenzene	14.598	250	92357	21.942	ng/uL	100
77) Carbazole	17.462	167	365524	20.801	ng/ul	100
78) Di-n-butylphthalate	18.027	149	427456	18.085	ng/ul	100
80) Fluoranthene	19.115	202	466602	16.043	ng/ul	100
82) Pyrene	19.480	202	506319	16.721	ng/ul	100
83) Butylbenzylphthalate	20.403	149	221055	14.847	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	187727	21.794	ng/ul	100
85) Benzo(a)anthracene	21.239	228	579061	19.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	350584	16.149	ng/ul	100
87) Chrysene	21.292	228	529084	19.111	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	621929	13.382	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	627417	18.056	ng/ul	100
91) Benzo(k)fluoranthene	22.856	252	644795	18.946	ng/ul	100
93) Benzo(a)pyrene	23.386	252	627860	19.316	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.721	276	820658	22.510	ng/ul	100
95) Dibenzo(a,h)anthracene	25.738	278	681783	22.428	ng/ul	100
96) Benzo(g,h,i)perylene	26.403	276	645715	22.194	ng/ul	100

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

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