Quantitation Report (Qedit)

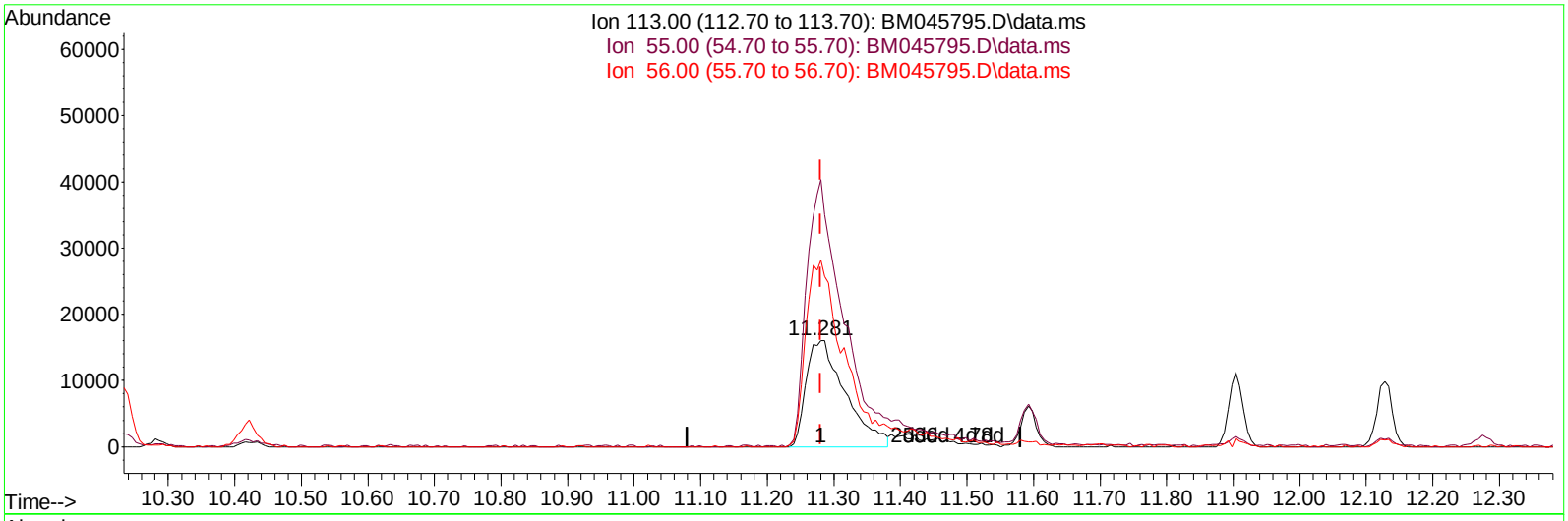
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
Data File : BM045795.D
Acq On : 31 May 2024 13:09
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

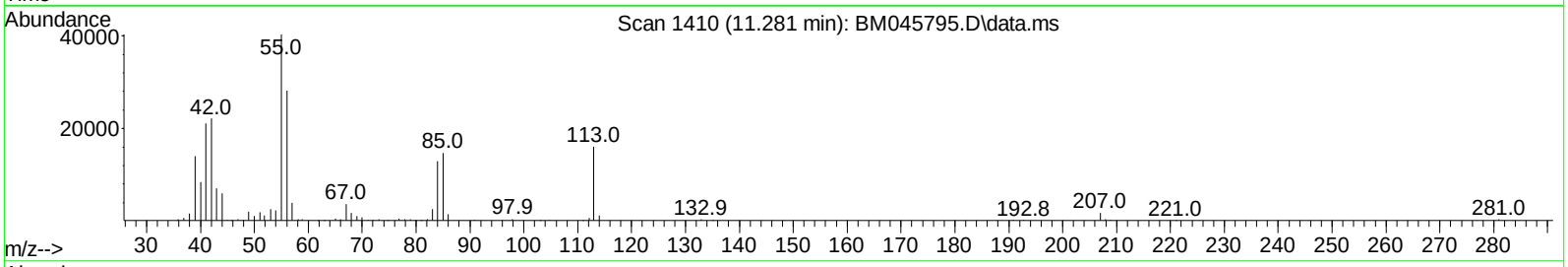
Quant Time: May 31 13:45:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

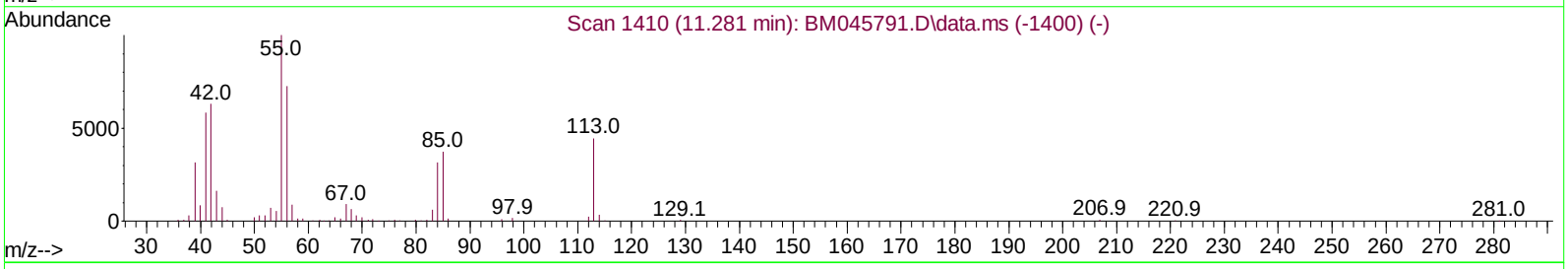
Instrument :
BNA_M
ClientSampleId :
SICV040

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024







TIC: BM045795.D\data.ms

(34) Caprolactam

11.281min (+ 0.000) 18.84 ng/ul

response 65592

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	251.18
56.00	162.60	175.40
0.00	0.00	0.00

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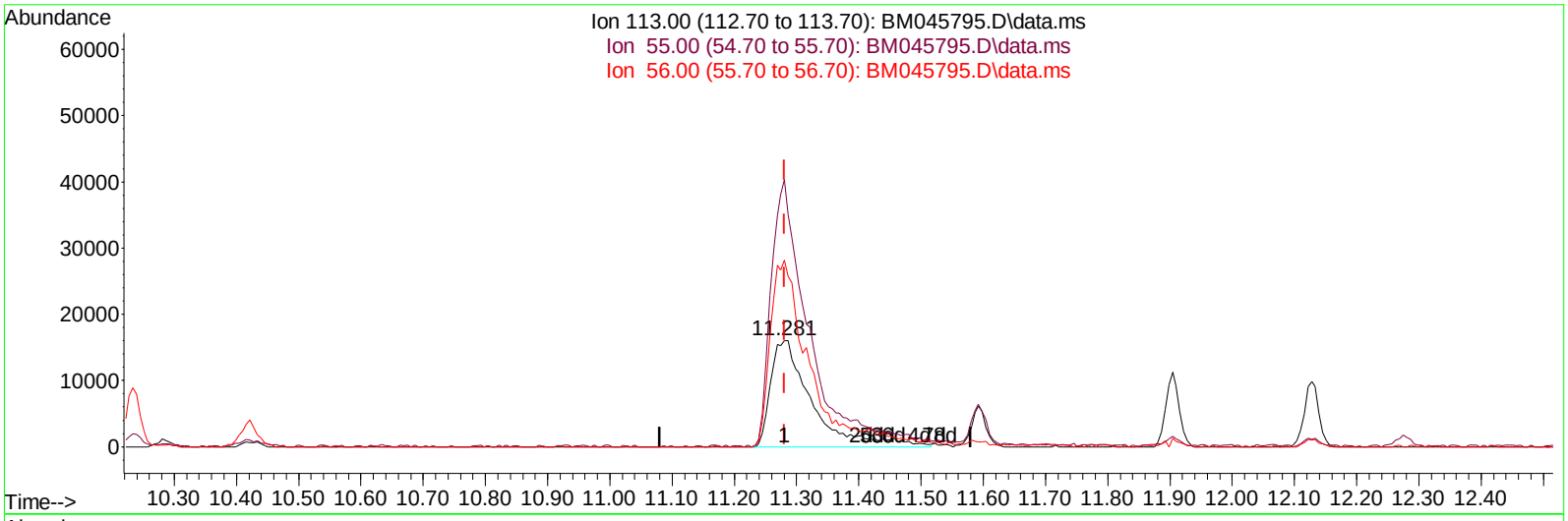

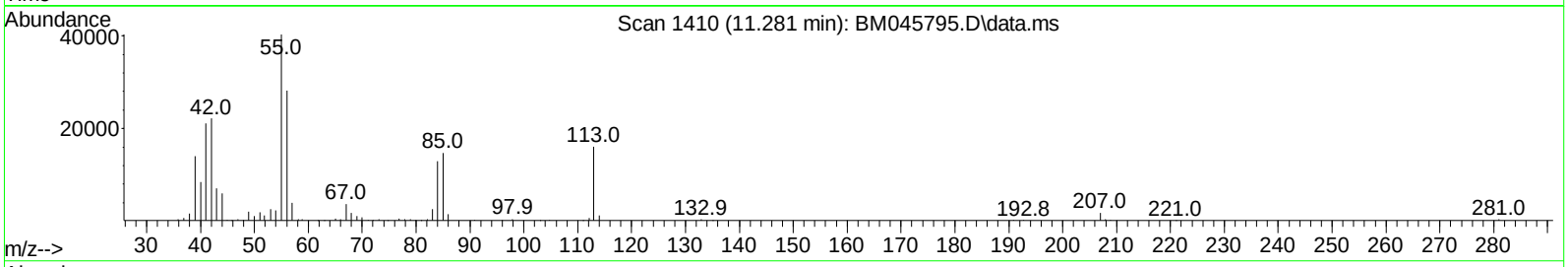

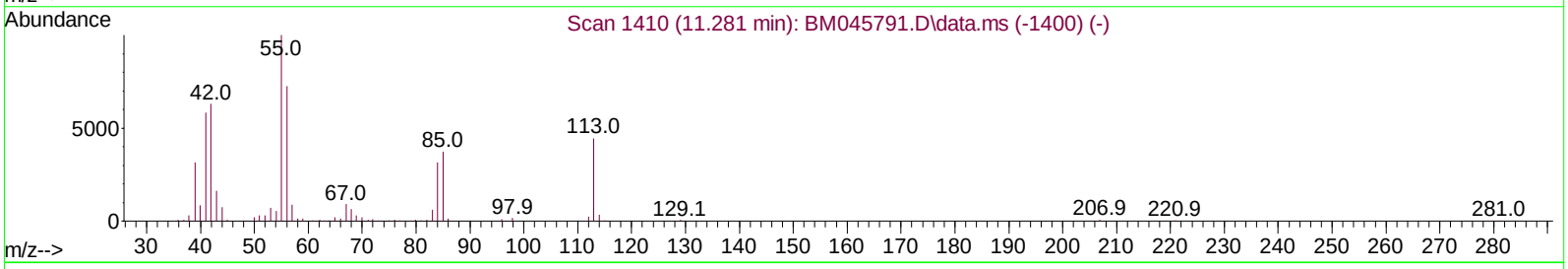

TIC: BM045795.D\data.ms

(34) Caprolactam

11.281min (+ 0.000) 21.20 ng/ul m

response 73826

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	251.18
56.00	162.60	175.40
0.00	0.00	0.00

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 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	7.469	152	205412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.234	136	836157	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	507256	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	969407	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	777861	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	823914	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	40372	7.620	ng/uL	0.00
4) Pyridine-d5	3.469	84	258846	18.974	ng/ul	0.00
7) Phenol-d5	6.722	99	361003	20.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	288821	23.049	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	283715	21.766	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	281728	21.369	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	142813	21.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	147702	22.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	277824	22.391	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	389694	22.693	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	775481	22.083	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	902726	22.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	158728	20.944	ng/ul	0.00
60) Fluorene-d10	15.110	176	653352	21.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	102109	20.627	ng/ul	0.00
73) Anthracene-d10	16.957	188	940246	22.311	ng/ul	0.00
81) Pyrene-d10	19.256	212	1032708	21.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	866375	22.499	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	42472	7.243	ng/uL	93
5) Pyridine	3.487	79	240733	17.183	ng/ul	98
6) Benzaldehyde	6.640	77	216748	26.408	ng/ul	98
8) Phenol	6.746	94	369061	20.393	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.922	93	306317	20.278	ng/ul	99
12) 2-Chlorophenol	7.063	128	285480	20.789	ng/ul	99
13) 2-Methylphenol	7.969	108	263502	19.884	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.004	45	604563	20.320	ng/ul	99
16) Acetophenone	8.304	105	474128	21.579	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.292	70	253362	20.867	ng/ul	99
18) 4-Methylphenol	8.298	108	290723	21.201	ng/ul	100
19) Hexachloroethane	8.534	117	132158	20.037	ng/ul	98
22) Nitrobenzene	8.669	77	376301	20.567	ng/ul	98
23) Isophorone	9.204	82	652431	20.181	ng/ul	98
25) 2-Nitrophenol	9.375	139	156805	21.680	ng/ul	95
26) 2,4-Dimethylphenol	9.481	107	252230	17.190	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.692	93	393754	20.061	ng/ul	100
29) 2,4-Dichlorophenol	9.916	162	267943	21.675	ng/ul	98
30) Naphthalene	10.286	128	919474	20.622	ng/ul	100
32) 4-Chloroaniline	10.439	127	357852	21.319	ng/ul	97
33) Hexachlorobutadiene	10.581	225	174663	20.625	ng/ul	98
34) Caprolactam	11.281	113	73826m	21.204	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	284557	21.217	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	11.904	142	620133	21.000	ng/ul	98
37) 1-Methylnaphthalene	12.128	142	578413	19.592	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.275	216	327006	21.525	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	140207	15.207	ng/ul	99
41) 2,4,6-Trichlorophenol	12.551	196	188802	21.361	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	210188	21.914	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	800048	21.258	ng/ul	99
44) 2-Chloronaphthalene	12.975	162	609634	20.671	ng/ul	100
45) 2-Nitroaniline	13.222	65	210313	20.884	ng/ul	95
47) Dimethylphthalate	13.610	163	740113	20.756	ng/ul	100
48) 2,6-Dinitrotoluene	13.710	165	152991	22.302	ng/ul	94
50) Acenaphthylene	13.833	152	988199	20.938	ng/ul	100
51) 3-Nitroaniline	14.063	138	155753	24.727	ng/ul	96
52) Acenaphthene	14.174	153	622889	19.777	ng/ul	100
53) 2,4-Dinitrophenol	14.251	184	52663	16.861	ng/ul	97
55) 4-Nitrophenol	14.422	109	131062	20.960	ng/ul	98
56) Dibenzofuran	14.516	168	901399	21.223	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	202280	21.314	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.763	232	170705	23.555	ng/ul	96
59) Diethylphthalate	14.980	149	740387	20.736	ng/ul	99
61) Fluorene	15.163	166	707452	20.673	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.174	204	348041	20.490	ng/ul	99
63) 4-Nitroaniline	15.239	138	145330	27.785	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.263	198	107665	19.817	ng/ul	97
67) N-Nitrosodiphenylamine	15.392	169	591805	21.543	ng/ul	99
68) 4-Bromophenyl-phenylether	16.063	248	207721	20.552	ng/ul	99
69) Hexachlorobenzene	16.163	284	229443	20.528	ng/ul	99
70) Atrazine	16.368	200	180191	21.639	ng/ul	99
71) Pentachlorophenol	16.533	266	113084	19.939	ng/ul	97
72) Phenanthrene	16.898	178	1048206	20.521	ng/ul	100
74) Anthracene	16.992	178	1054417	20.667	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.898	216	315934	21.014	ng/uL	100
76) Pentachlorobenzene	14.427	250	286263	20.357	ng/uL	98
77) Carbazole	17.280	167	949534	21.811	ng/ul	99
78) Di-n-butylphthalate	17.851	149	1215200	21.226	ng/ul	100
80) Fluoranthene	18.921	202	1162380	19.821	ng/ul	99
82) Pyrene	19.286	202	1216703	20.193	ng/ul	98
83) Butylbenzylphthalate	20.215	149	503630	20.510	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.003	252	369208	24.030	ng/ul	98
85) Benzo(a)anthracene	21.050	228	1091189	20.316	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.009	149	759207	20.809	ng/ul	99
87) Chrysene	21.109	228	1042686	20.985	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1232634	19.562	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1059643	20.928	ng/ul	99
91) Benzo(k)fluoranthene	22.997	252	1018917	20.603	ng/ul	99
93) Benzo(a)pyrene	23.662	252	960862	21.596	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.797	276	1090789	22.449	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	864895	22.506	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	896598	20.951	ng/ul	99

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

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