Quantitation Report (Qedit)

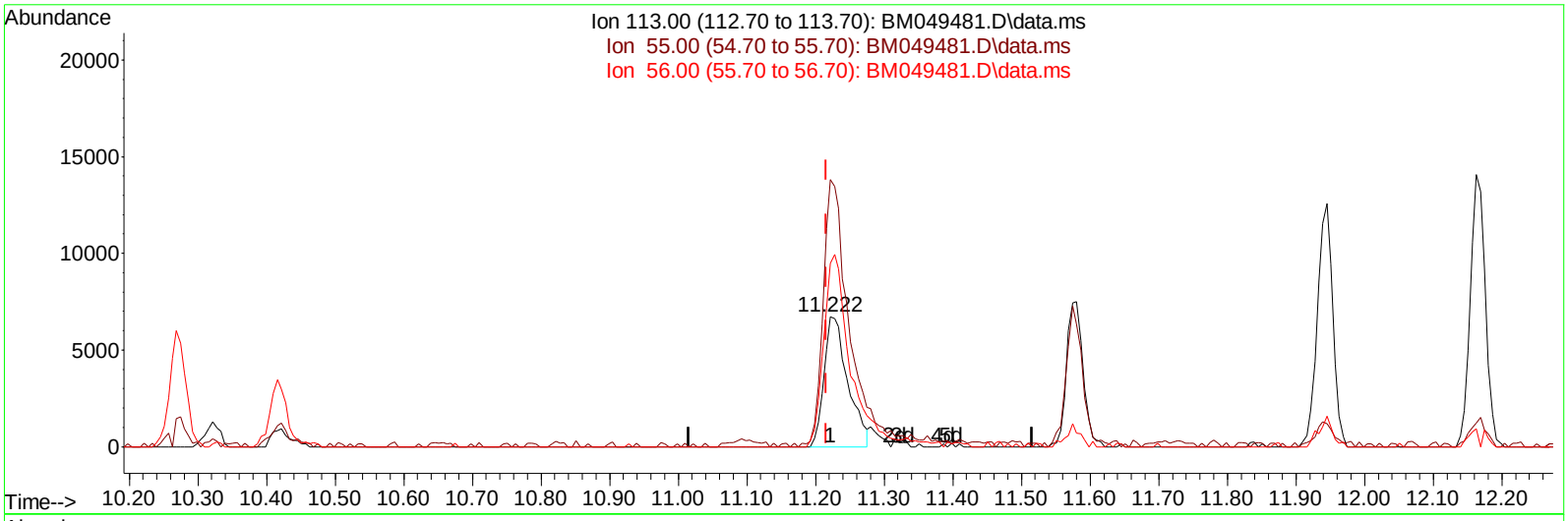
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049481.D
Acq On : 28 Jan 2025 23:17
Operator : RC/JU
Sample : Q1184-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

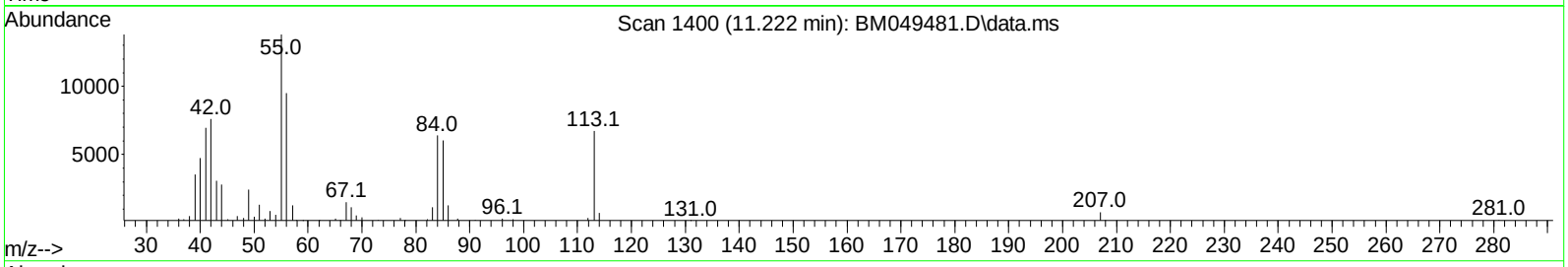
Quant Time: Jan 29 07:32:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

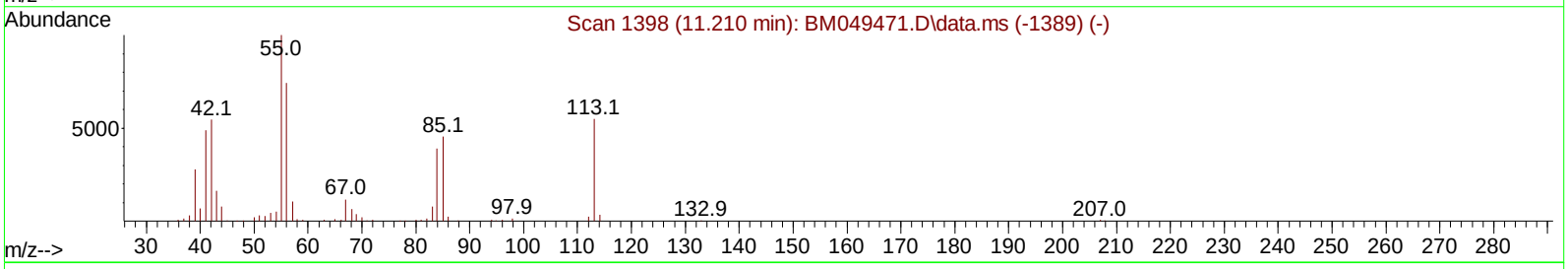
Instrument :
BNA_M
ClientSampleId :
E2959MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/05/2025







TIC: BM049481.D\data.ms

(34) Caprolactam

11.222min (+ 0.006) 4.56 ng/ul

response 16176

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	204.93
56.00	134.80	141.07
0.00	0.00	0.00

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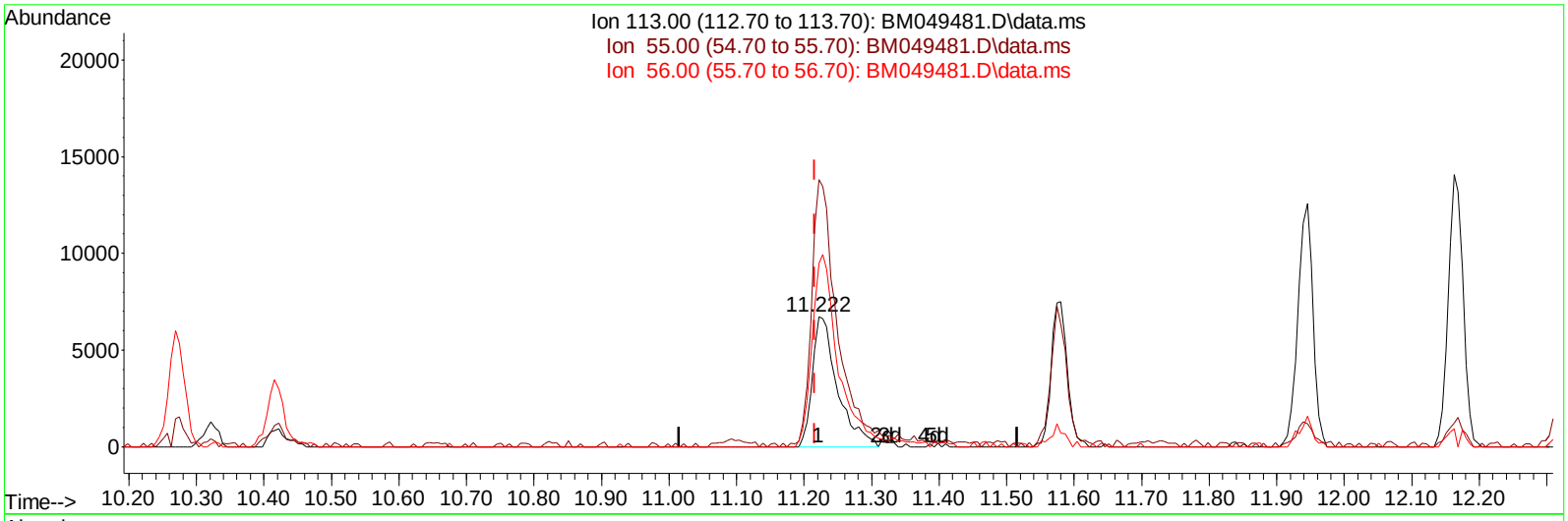

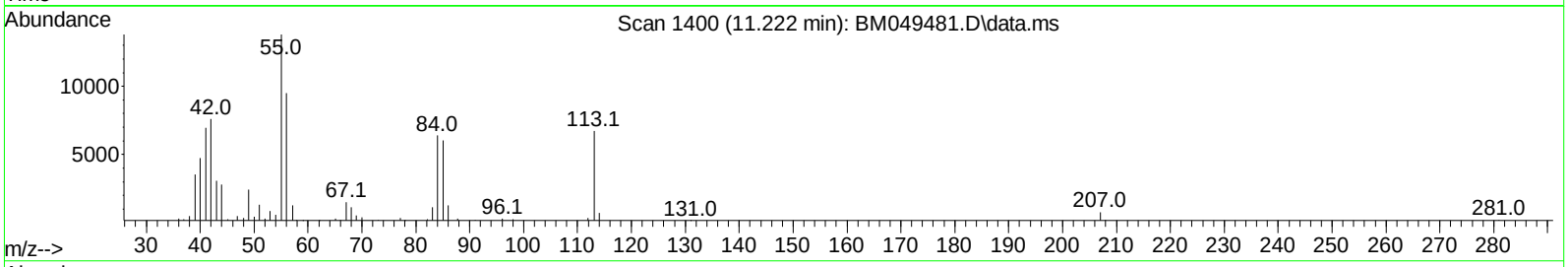

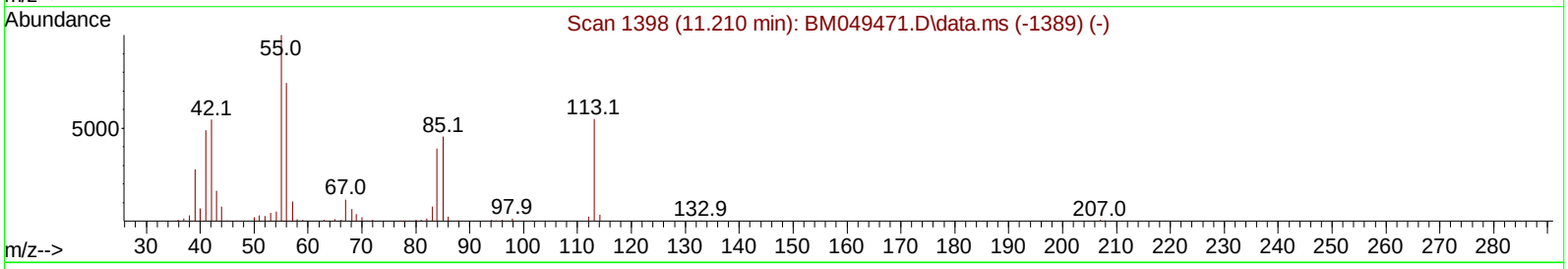

TIC: BM049481.D\data.ms

(34) Caprolactam

11.222min (+ 0.006) 4.88 ng/ul m

response 17277

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	204.93
56.00	134.80	141.07
0.00	0.00	0.00

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Operator : RC/JU
Sample : Q1184-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 29 07:47:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
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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	7.510	152	205679	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	750509	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	487795	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	989967	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1010468	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	996832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	23862	4.299	ng/uL	0.00
4) Pyridine-d5	3.510	84	105688	6.480	ng/ul	0.00
7) Phenol-d5	6.704	99	168520	10.097	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	386012	33.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	395014	30.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	288845	23.621	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	201359	35.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	227788	36.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	467855	36.608	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	481175	29.352	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1388180	38.813	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1513314	36.012	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	59675	10.171	ng/ul	0.00
60) Fluorene-d10	15.151	176	1223708	38.906	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	248315	39.805	ng/ul	0.00
73) Anthracene-d10	17.004	188	1987785	40.209	ng/ul	0.00
81) Pyrene-d10	19.309	212	2361578	39.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	2240727	42.145	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	34267	5.874	ng/uL	92
5) Pyridine	3.528	79	125349	7.494	ng/ul	95
6) Benzaldehyde	6.669	77	213851	23.330	ng/ul	97
8) Phenol	6.734	94	190457	10.872	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.951	93	476607	33.362	ng/ul	99
12) 2-Chlorophenol	7.087	128	419067	31.420	ng/ul	99
13) 2-Methylphenol	7.963	108	338639	27.585	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	727032	33.038	ng/ul	99
16) Acetophenone	8.328	105	716136	35.217	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.322	70	395448	37.080	ng/ul	99
18) 4-Methylphenol	8.292	108	322176	24.315	ng/ul	96
19) Hexachloroethane	8.569	117	90666	15.472	ng/ul	99
22) Nitrobenzene	8.698	77	533100	34.762	ng/ul	99
23) Isophorone	9.222	82	1013965	36.976	ng/ul	100
25) 2-Nitrophenol	9.398	139	250986	36.093	ng/ul	96
26) 2,4-Dimethylphenol	9.475	107	436690	34.125	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	622380	36.236	ng/ul	99
29) 2,4-Dichlorophenol	9.933	162	466340	36.299	ng/ul	98
30) Naphthalene	10.322	128	1089774	27.273	ng/ul	99
32) 4-Chloroaniline	10.439	127	301978	19.252	ng/ul	100
33) Hexachlorobutadiene	10.610	225	187653	19.485	ng/ul	98
34) Caprolactam	11.222	113	17277m	4.875	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	420143	37.851	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.945	142	879665	32.279	ng/ul	100
37) 1-Methylnaphthalene	12.163	142	894773	33.305	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	587489	32.673	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	211876	20.086	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	411434	38.800	ng/ul	96
42) 2,4,5-Trichlorophenol	12.645	196	446608	40.073	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	1295448	35.002	ng/ul	100
44) 2-Chloronaphthalene	13.016	162	1038590	34.613	ng/ul	100
45) 2-Nitroaniline	13.233	65	319318	42.363	ng/ul	99
47) Dimethylphthalate	13.621	163	1403266	39.496	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	276774	43.315	ng/ul	99
50) Acenaphthylene	13.868	152	1585843	36.732	ng/ul	100
51) 3-Nitroaniline	14.068	138	253533	39.943	ng/ul	99
52) Acenaphthene	14.216	153	1158942	37.600	ng/ul	99
53) 2,4-Dinitrophenol	14.274	184	157093	39.760	ng/ul	95
55) 4-Nitrophenol	14.398	109	47808	11.137	ng/ul	100
56) Dibenzofuran	14.557	168	1695265	38.573	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	414004	43.327	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.786	232	381706	42.056	ng/ul	99
59) Diethylphthalate	15.004	149	1408852	41.771	ng/ul	99
61) Fluorene	15.210	166	1461934	41.165	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	774738	40.218	ng/ul	98
63) 4-Nitroaniline	15.239	138	286908	48.949	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.298	198	276615	40.455	ng/ul#	98
67) N-Nitrosodiphenylamine	15.427	169	1185178	40.161	ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	459641	40.662	ng/ul	98
69) Hexachlorobenzene	16.215	284	530205	40.618	ng/ul	99
70) Atrazine	16.392	200	424861	36.576	ng/ul	98
71) Pentachlorophenol	16.562	266	330083	40.159	ng/ul	98
72) Phenanthrene	16.951	178	2294113	41.168	ng/ul	99
74) Anthracene	17.039	178	2317507	41.288	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	587053	32.810	ng/uL	99
76) Pentachlorobenzene	14.474	250	608881	35.589	ng/uL	100
77) Carbazole	17.315	167	2069213	41.246	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2557690	44.637	ng/ul	100
80) Fluoranthene	18.974	202	2768536	41.035	ng/ul	99
82) Pyrene	19.339	202	2991902	41.214	ng/ul	98
83) Butylbenzylphthalate	20.268	149	1112641	45.510	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	630844	32.880	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2959144	41.689	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	1663862	46.318	ng/ul	100
87) Chrysene	21.180	228	2764968	41.945	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2705477	44.369	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	2759896	42.714	ng/ul	100
91) Benzo(k)fluoranthene	23.109	252	2828328	43.319	ng/ul	99
93) Benzo(a)pyrene	23.791	252	2560149	42.238	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.009	276	3245570	43.201	ng/ul	100
95) Dibenzo(a,h)anthracene	27.056	278	2662668	43.739	ng/ul	100
96) Benzo(g,h,i)perylene	27.968	276	2499760	43.762	ng/ul	99

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

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