Quantitation Report (Qedit)

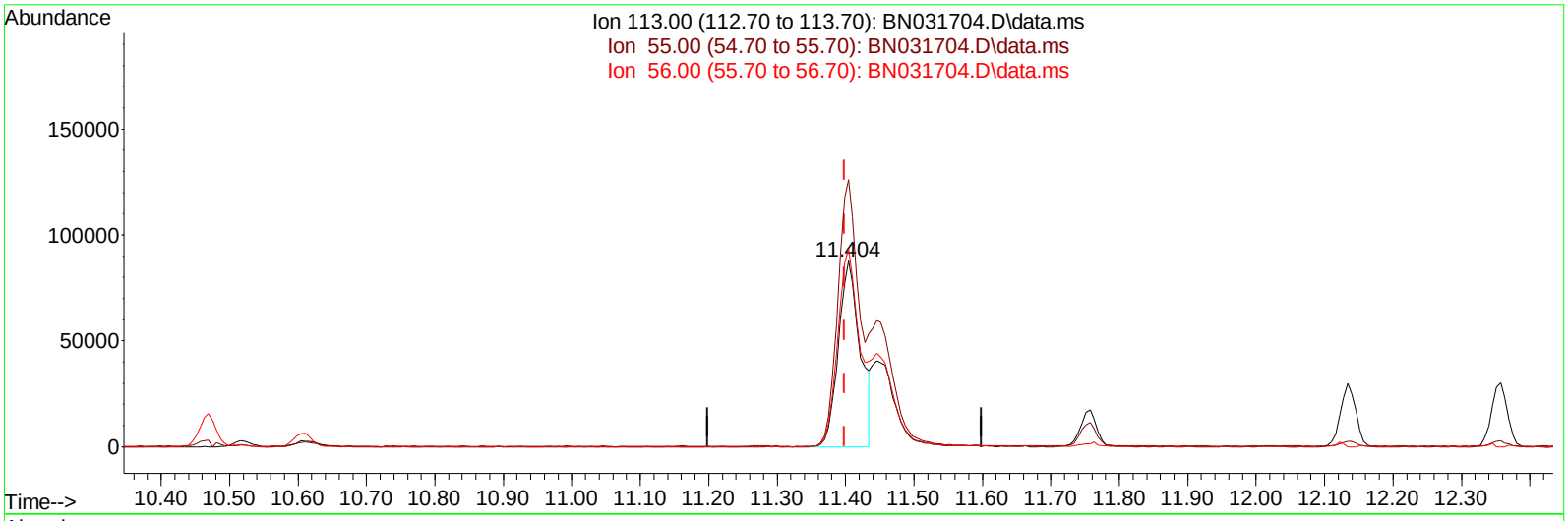
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031704.D
Acq On : 30 May 2024 02:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

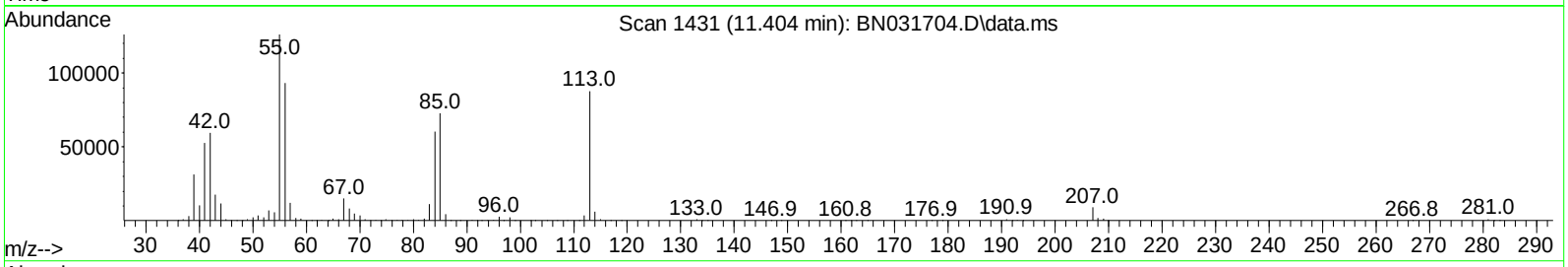
Quant Time: May 30 03:00:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

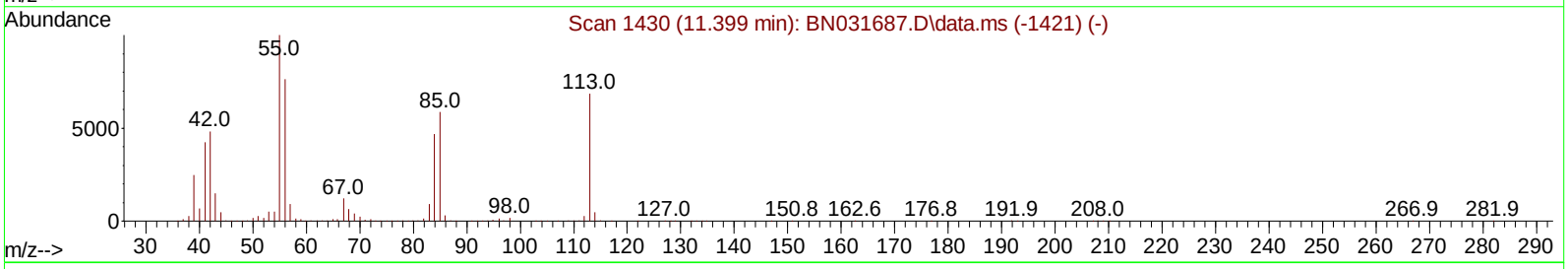
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024







TIC: BN031704.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 12.94 ng/ul

response 193308

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	143.55
56.00	111.70	106.30
0.00	0.00	0.00

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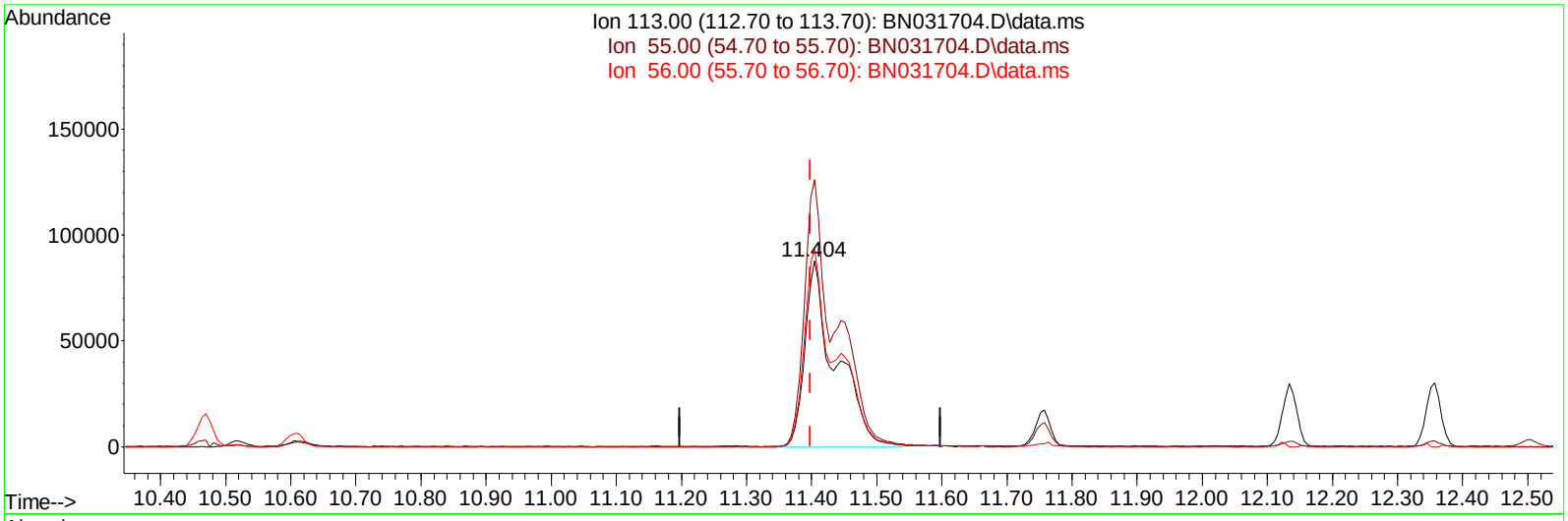

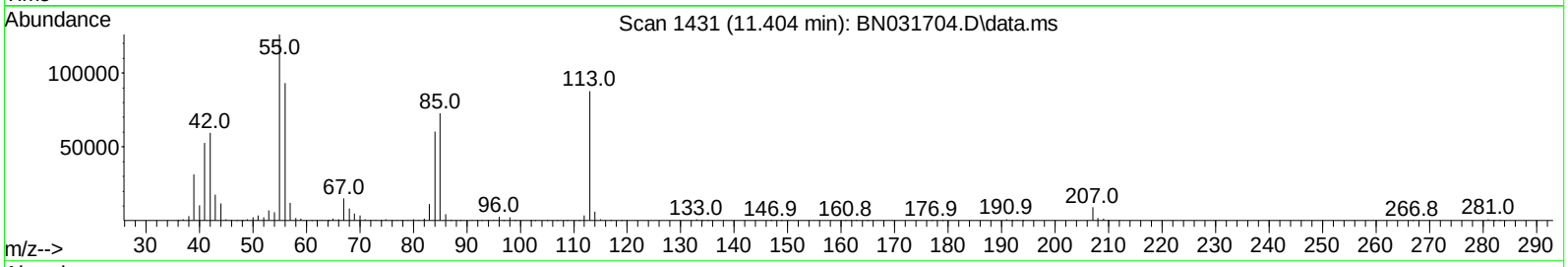

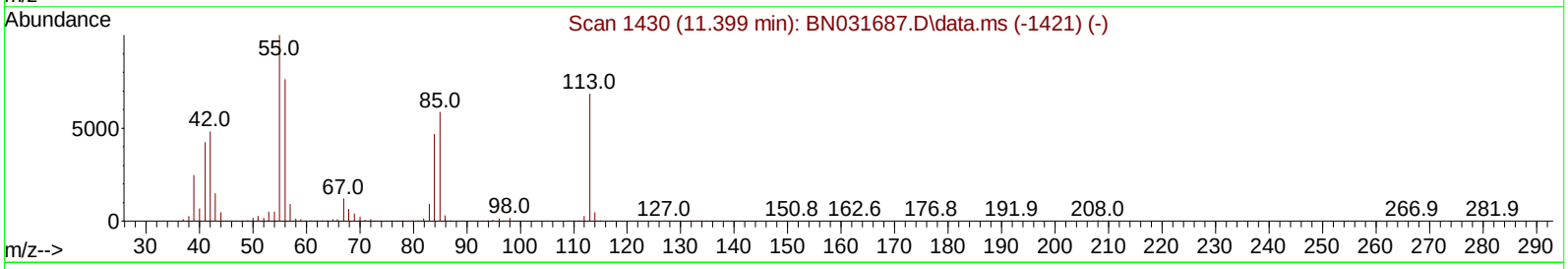

TIC: BN031704.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 19.32 ng/ul m

response 288764

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	143.55
56.00	111.70	106.30
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

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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	7.687	152	576383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2629599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1655688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	3451158	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2827084	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2677062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	113132	8.120	ng/uL	0.00
4) Pyridine-d5	3.593	84	840440	21.430	ng/ul	0.00
7) Phenol-d5	6.852	99	1067110	21.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	625998	21.659	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	830327	22.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	860242	21.357	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	426095	21.192	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	446384	21.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	818782	21.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1200186	20.848	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2387218	20.696	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2834323	21.370	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	475488	20.589	ng/ul	0.00
60) Fluorene-d10	15.322	176	2064282	21.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	332239	19.152	ng/ul	0.00
73) Anthracene-d10	17.169	188	3117491	21.099	ng/ul	0.00
81) Pyrene-d10	19.463	212	3528717	23.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2684761	21.003	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	121303	8.137	ng/uL	99
5) Pyridine	3.617	79	842057	21.474	ng/ul	98
6) Benzaldehyde	6.834	77	588110	25.376	ng/ul	99
8) Phenol	6.881	94	1091994	21.715	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	904858	21.761	ng/ul	98
12) 2-Chlorophenol	7.252	128	848927	21.517	ng/ul	98
13) 2-Methylphenol	8.122	108	840156	21.631	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	1031057	21.540	ng/ul	98
16) Acetophenone	8.505	105	1347747	22.079	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.493	70	669214	21.157	ng/ul	98
18) 4-Methylphenol	8.452	108	917548	21.793	ng/ul	98
19) Hexachloroethane	8.757	117	362801	21.715	ng/ul	96
22) Nitrobenzene	8.881	77	1016810	21.226	ng/ul	98
23) Isophorone	9.404	82	1987260	20.223	ng/ul	99
25) 2-Nitrophenol	9.587	139	482761	21.275	ng/ul	96
26) 2,4-Dimethylphenol	9.646	107	923067	20.911	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.893	93	1254016	20.476	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	813859	21.258	ng/ul	99
30) Naphthalene	10.516	128	2854016	20.971	ng/ul	99
32) 4-Chloroaniline	10.634	127	1171985	20.969	ng/ul	98
33) Hexachlorobutadiene	10.799	225	496099	21.575	ng/ul	98
34) Caprolactam	11.404	113	288764m	19.323	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	926985	20.715	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	1945316	20.912	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	1939826	20.783	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	971472	22.186	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	471072	18.666	ng/ul	93
41) 2,4,6-Trichlorophenol	12.751	196	650323	21.881	ng/ul	96
42) 2,4,5-Trichlorophenol	12.816	196	690949	21.394	ng/ul	94
43) 1,1'-Biphenyl	13.157	154	2507239	21.529	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1975712	21.660	ng/ul	98
45) 2-Nitroaniline	13.404	65	560069	21.182	ng/ul	95
47) Dimethylphthalate	13.792	163	2417328	20.492	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	503476	21.472	ng/ul	99
50) Acenaphthylene	14.045	152	3258860	21.742	ng/ul	99
51) 3-Nitroaniline	14.234	138	558168	22.264	ng/ul	98
52) Acenaphthene	14.392	153	2123376	21.410	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	236636	19.990	ng/ul	97
55) 4-Nitrophenol	14.540	109	347278	20.271	ng/ul	98
56) Dibenzofuran	14.728	168	2867040	21.278	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	733164	21.309	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	564241	20.886	ng/ul	93
59) Diethylphthalate	15.157	149	2520301	20.705	ng/ul	99
61) Fluorene	15.375	166	2267441	20.897	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	1105431	21.034	ng/ul	96
63) 4-Nitroaniline	15.398	138	554817	23.247	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	364784	19.781	ng/ul	99
67) N-Nitrosodiphenylamine	15.586	169	2008471	21.113	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	706114	21.117	ng/ul	96
69) Hexachlorobenzene	16.369	284	790455	20.857	ng/ul	98
70) Atrazine	16.545	200	631388	21.021	ng/ul	97
71) Pentachlorophenol	16.716	266	495051	20.417	ng/ul	91
72) Phenanthrene	17.110	178	3692204	21.002	ng/ul	100
74) Anthracene	17.204	178	3758709	21.100	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	960519	21.623	ng/uL	98
76) Pentachlorobenzene	14.639	250	929807	21.490	ng/uL	95
77) Carbazole	17.475	167	3467552	22.828	ng/ul	100
78) Di-n-butylphthalate	18.045	149	4495401	21.511	ng/ul	100
80) Fluoranthene	19.127	202	4252299	23.520	ng/ul	99
82) Pyrene	19.498	202	4323680	23.308	ng/ul	96
83) Butylbenzylphthalate	20.404	149	2038306	23.265	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.216	252	1245400	22.972	ng/ul	99
85) Benzo(a)anthracene	21.280	228	3990282	21.087	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	2920846	22.870	ng/ul	98
87) Chrysene	21.345	228	3785906	21.419	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	4921257	27.459	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3530903	22.066	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	3434298	21.872	ng/ul	99
93) Benzo(a)pyrene	24.098	252	3150938	21.025	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	3270748	18.939	ng/ul	98
95) Dibenzo(a,h)anthracene	27.592	278	2766265	19.620	ng/ul	97
96) Benzo(g,h,i)perylene	28.562	276	2582398	18.811	ng/ul	97

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

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