Quantitation Report (Qedit)

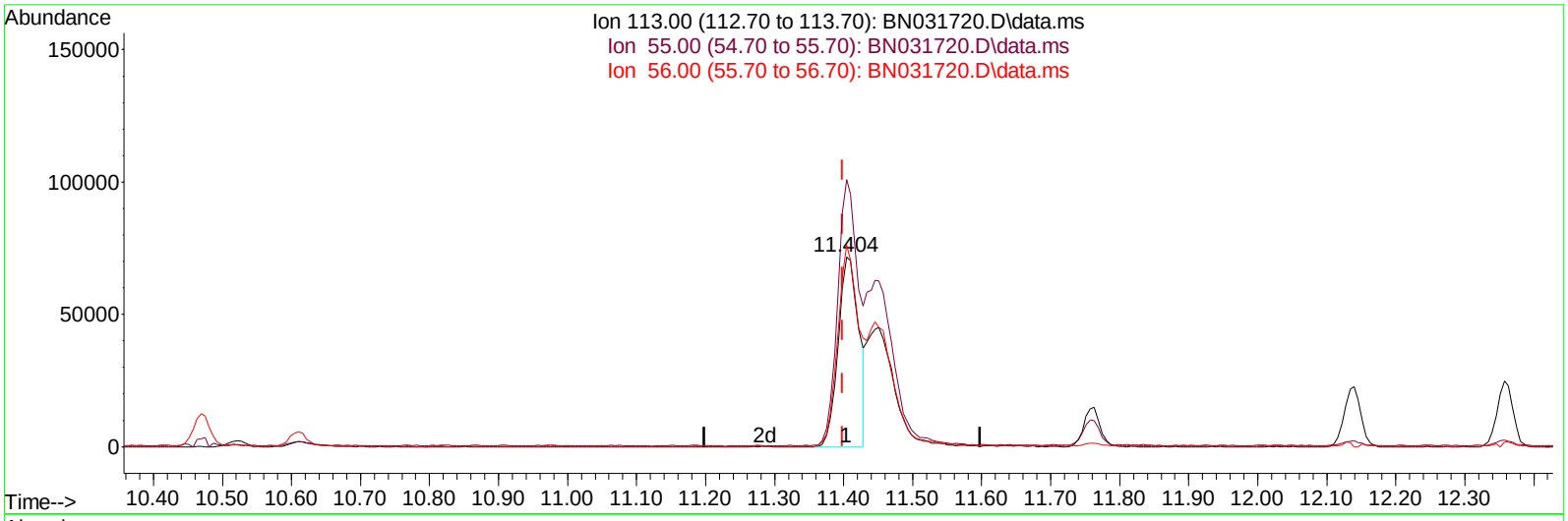
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031720.D
Acq On : 30 May 2024 17:40
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

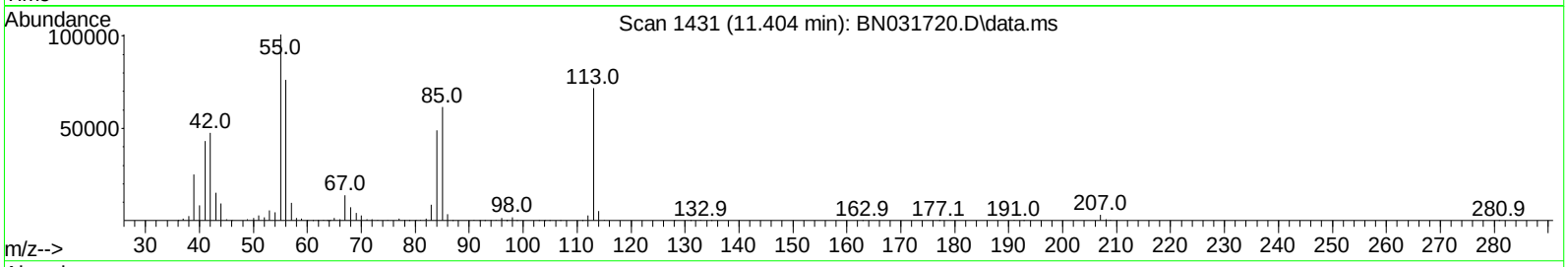
Quant Time: May 30 18:31:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

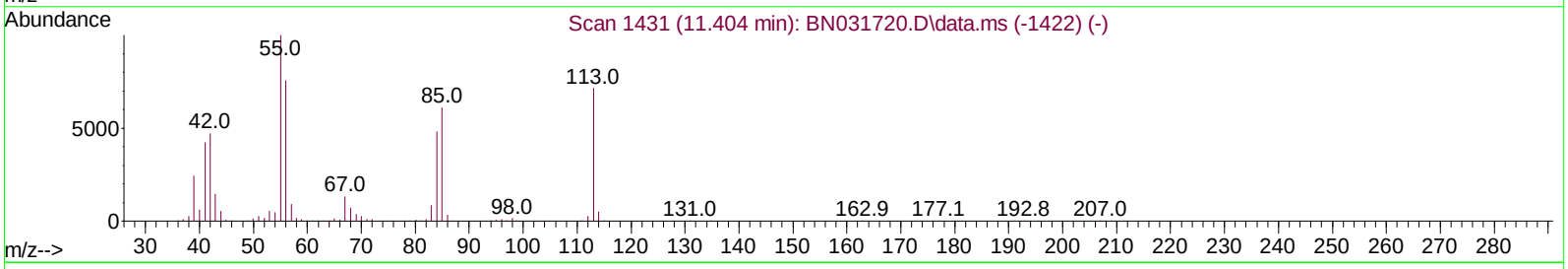
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024







TIC: BN031720.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 12.29 ng/ul

response 147829

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	140.61
56.00	111.70	106.20
0.00	0.00	0.00

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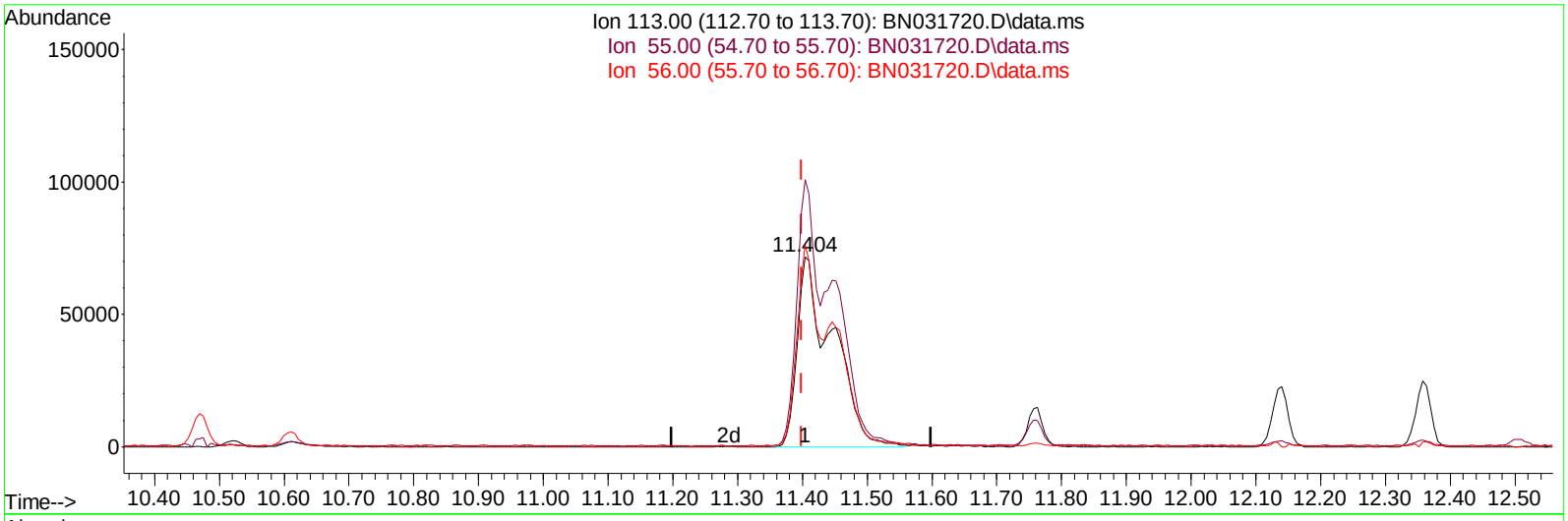

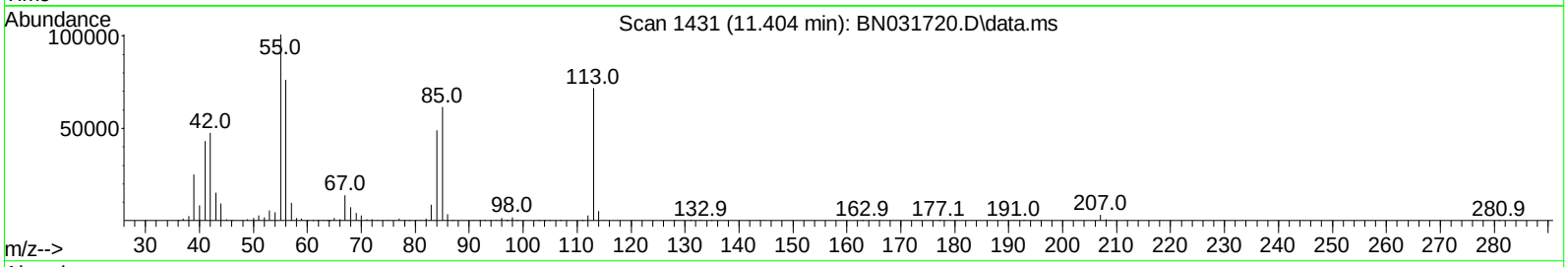

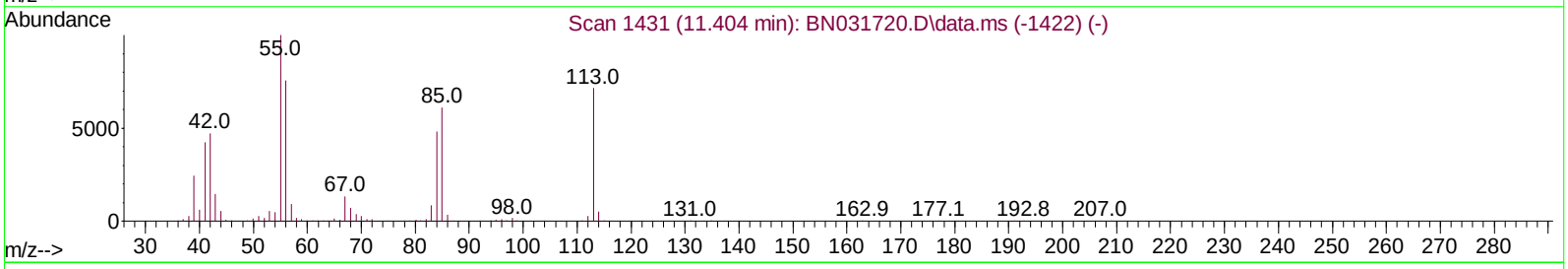

TIC: BN031720.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 22.56 ng/ul m

response 271449

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	140.61
56.00	111.70	106.20
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 18:32:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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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	446521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2117412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1447575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	3057144	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	2637580	20.000	ng/ul	0.01
88) Perylene-d12	24.257	264	2597736	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	86867	8.048	ng/uL	0.00
4) Pyridine-d5	3.593	84	653607	21.513	ng/ul	0.00
7) Phenol-d5	6.857	99	844018	22.049	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	493054	22.021	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	651715	22.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	708313	22.700	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	353442	21.831	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	375417	22.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	690171	22.106	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1013066	21.854	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	2182058	21.637	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2478930	21.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	441885	21.884	ng/ul	0.00
60) Fluorene-d10	15.322	176	1819115	21.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	321559	20.926	ng/ul	0.01
73) Anthracene-d10	17.175	188	2752295	21.029	ng/ul	0.00
81) Pyrene-d10	19.474	212	3166332	22.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	2646483	21.335	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	95638	8.282	ng/uL	98
5) Pyridine	3.616	79	659208	21.700	ng/ul	95
6) Benzaldehyde	6.834	77	466139	25.962	ng/ul	98
8) Phenol	6.881	94	868713	22.299	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	728225	22.607	ng/ul	97
12) 2-Chlorophenol	7.252	128	684816	22.405	ng/ul	98
13) 2-Methylphenol	8.128	108	676221	22.474	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	818470	22.072	ng/ul	98
16) Acetophenone	8.510	105	1120690	23.699	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	567789	23.171	ng/ul	98
18) 4-Methylphenol	8.452	108	747123	22.906	ng/ul	99
19) Hexachloroethane	8.757	117	282209	21.804	ng/ul	93
22) Nitrobenzene	8.887	77	820927	21.283	ng/ul	97
23) Isophorone	9.410	82	1714076	21.663	ng/ul	99
25) 2-Nitrophenol	9.593	139	397689	21.766	ng/ul	96
26) 2,4-Dimethylphenol	9.651	107	771783	21.713	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1045675	21.204	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	678787	22.019	ng/ul	96
30) Naphthalene	10.522	128	2322727	21.196	ng/ul	99
32) 4-Chloroaniline	10.634	127	997935	22.174	ng/ul	97
33) Hexachlorobutadiene	10.798	225	396344	21.406	ng/ul	95
34) Caprolactam	11.404	113	271449m	22.559	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	798680	22.165	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1622364	21.659	ng/ul	97
37) 1-Methylnaphthalene	12.357	142	1645965	21.900	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	813346	21.245	ng/ul	100
40) Hexachlorocyclopentadiene	12.487	237	439236	19.907	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	561774	21.619	ng/ul	95
42) 2,4,5-Trichlorophenol	12.822	196	608084	21.535	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	2131638	20.935	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1656782	20.775	ng/ul	99
45) 2-Nitroaniline	13.410	65	492464	21.303	ng/ul	91
47) Dimethylphthalate	13.792	163	2210063	21.429	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	455092	22.199	ng/ul	98
50) Acenaphthylene	14.051	152	2810981	21.450	ng/ul	100
51) 3-Nitroaniline	14.239	138	494710	22.570	ng/ul	98
52) Acenaphthene	14.392	153	1848484	21.318	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	207868	20.085	ng/ul	97
55) 4-Nitrophenol	14.551	109	323174	21.576	ng/ul	94
56) Dibenzofuran	14.728	168	2536487	21.531	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	658394	21.887	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.957	232	527821	22.347	ng/ul	98
59) Diethylphthalate	15.163	149	2281838	21.441	ng/ul	99
61) Fluorene	15.381	166	2046413	21.571	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	992172	21.593	ng/ul	98
63) 4-Nitroaniline	15.404	138	512427	24.558	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	355328	21.752	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	1795775	21.310	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	632055	21.338	ng/ul	95
69) Hexachlorobenzene	16.375	284	713319	21.247	ng/ul	97
70) Atrazine	16.545	200	574685	21.599	ng/ul	98
71) Pentachlorophenol	16.728	266	463407	21.575	ng/ul	94
72) Phenanthrene	17.122	178	3338392	21.436	ng/ul	98
74) Anthracene	17.210	178	3355483	21.264	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	781937	19.872	ng/uL	97
76) Pentachlorobenzene	14.645	250	791291	20.646	ng/uL	98
77) Carbazole	17.480	167	3121879	23.201	ng/ul	100
78) Di-n-butylphthalate	18.051	149	4116926	22.239	ng/ul	100
80) Fluoranthene	19.139	202	3845989	22.801	ng/ul	100
82) Pyrene	19.504	202	3888035	22.466	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1902803	23.278	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	1199417	23.714	ng/ul	95
85) Benzo(a)anthracene	21.298	228	3771016	21.360	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2694232	22.611	ng/ul	99
87) Chrysene	21.357	228	3450959	20.927	ng/ul	96
89) Di-n-octyl phthalate	22.345	149	4719468	27.137	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	3400453	21.900	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	3382738	22.202	ng/ul	100
93) Benzo(a)pyrene	24.115	252	3051280	20.982	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.568	276	3062665	18.276	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	2582034	18.872	ng/ul	97
96) Benzo(g,h,i)perylene	28.598	276	2351097	17.649	ng/ul	99

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

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