Quantitation Report (Qedit)

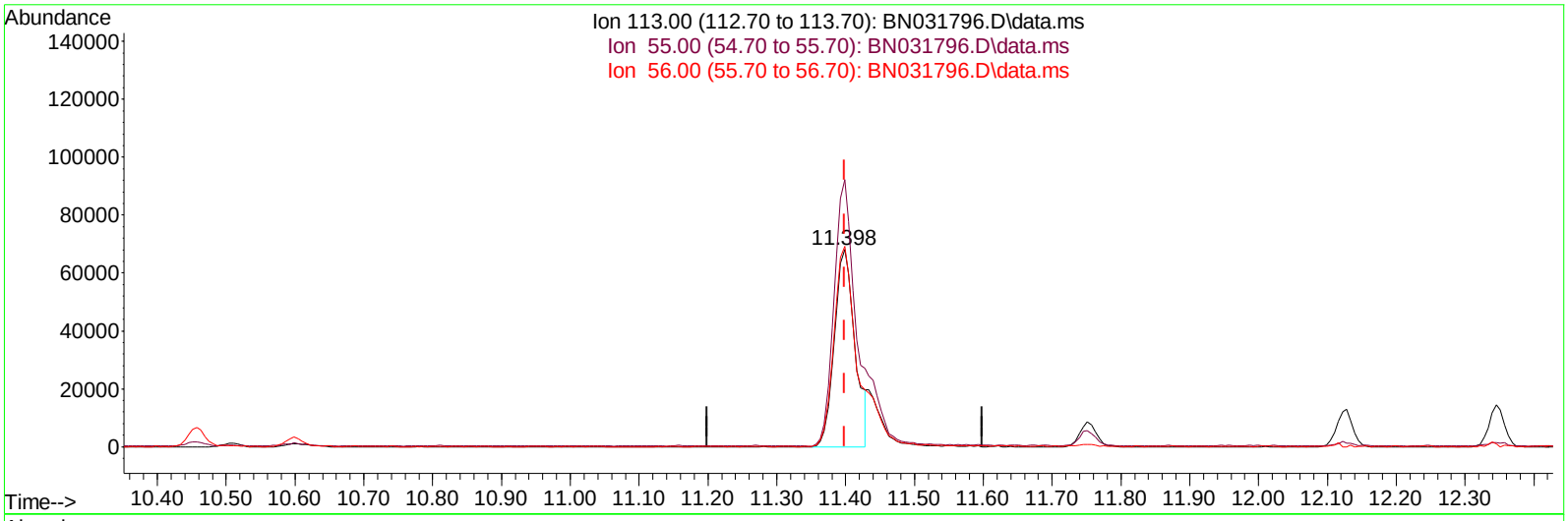
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031796.D
Acq On : 05 Jun 2024 12:29
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

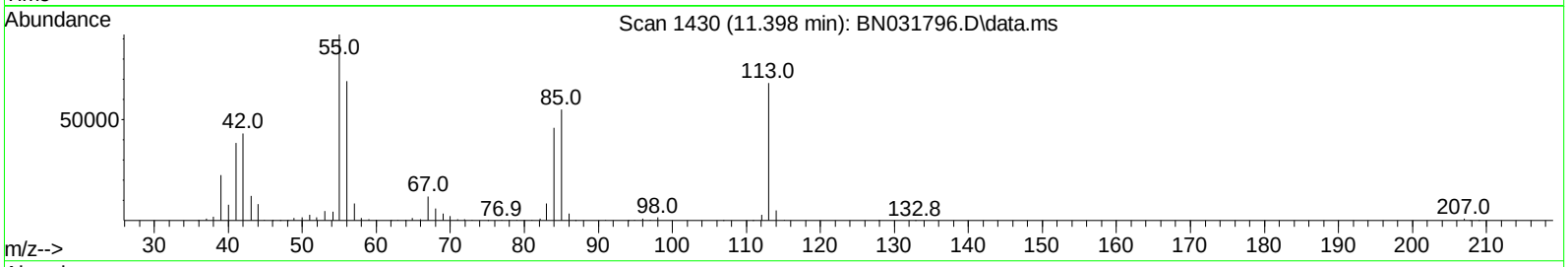
Quant Time: Jun 05 13:27:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

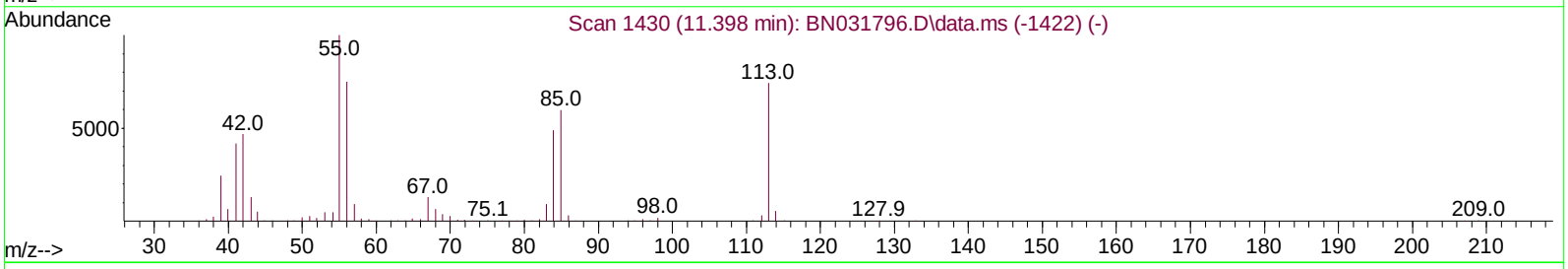
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BN031796.D\data.ms

(34) Caprolactam

11.398min (-0.000) 22.36 ng/ul

response 139866

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.19
56.00	111.70	101.37
0.00	0.00	0.00

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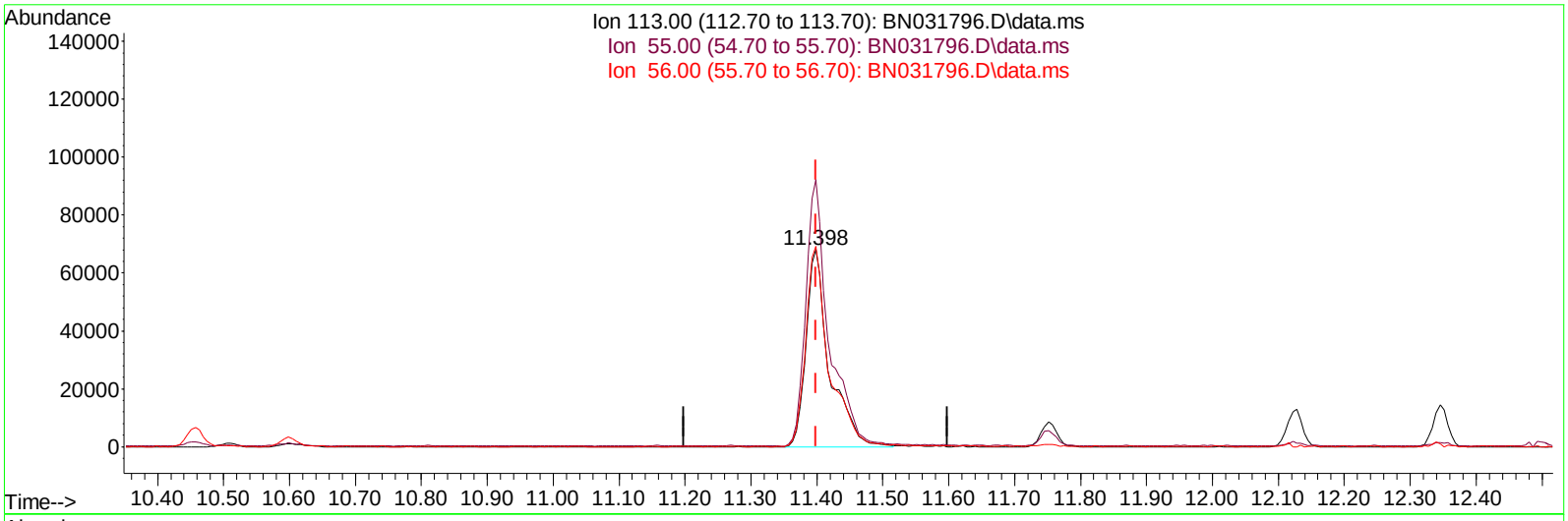

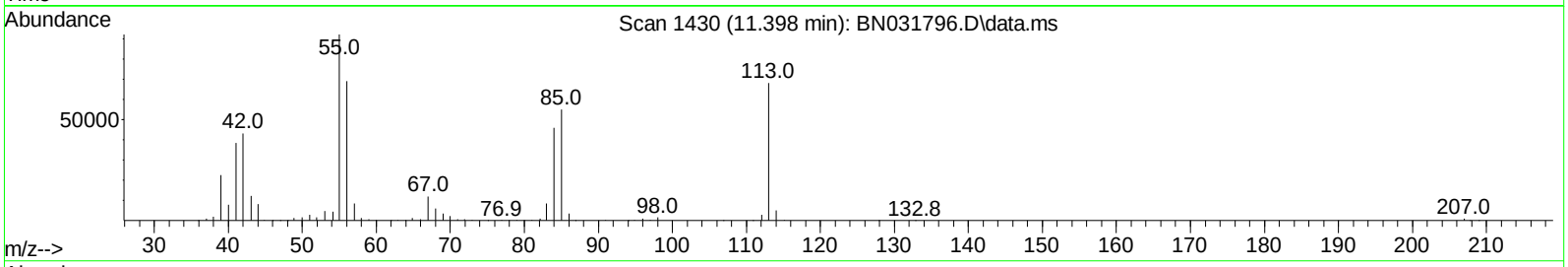

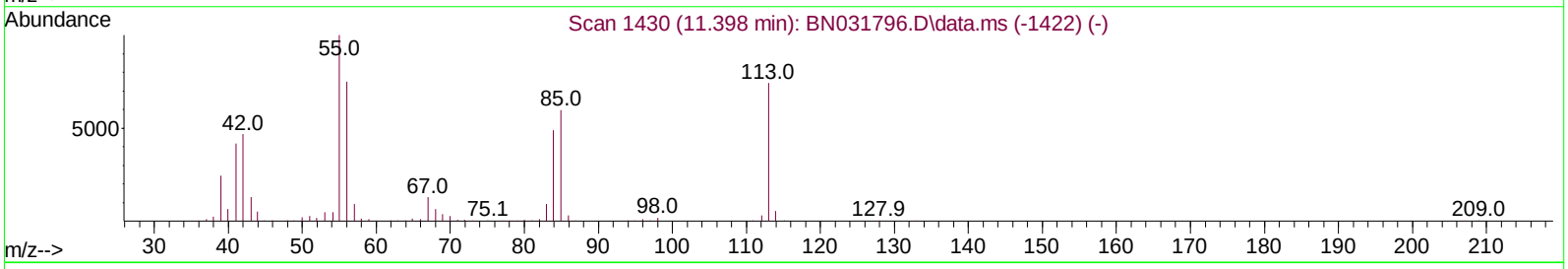

TIC: BN031796.D\data.ms

(34) Caprolactam

11.398min (-0.000) 26.90 ng/ul m

response 168228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.19
56.00	111.70	101.37
0.00	0.00	0.00

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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	7.675	152	239705	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	1100507	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	772162	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	1691772	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1820585	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	2238373	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	51424	8.875	ng/uL	-0.01
4) Pyridine-d5	3.587	84	380494	23.329	ng/ul	-0.01
7) Phenol-d5	6.846	99	486119	23.656	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	267725	22.273	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.210	132	361697	23.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	400264	23.895	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	195777	23.267	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	214168	24.640	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	373755	23.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	591291	24.542	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1251702	23.269	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	1398558	22.611	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	276485	25.670	ng/ul	0.00
60) Fluorene-d10	15.316	176	1050610	23.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	211028	24.816	ng/ul	0.00
73) Anthracene-d10	17.163	188	1706253	23.558	ng/ul	0.00
81) Pyrene-d10	19.463	212	2044077	20.981	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2414446	22.590	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	54141	8.733	ng/uL	99
5) Pyridine	3.611	79	385455	23.636	ng/ul	98
6) Benzaldehyde	6.828	77	208827	21.666	ng/ul	99
8) Phenol	6.875	94	494054	23.624	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.105	93	397793	23.003	ng/ul	99
12) 2-Chlorophenol	7.240	128	380051	23.162	ng/ul	99
13) 2-Methylphenol	8.116	108	385114	23.842	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	432176	21.710	ng/ul	98
16) Acetophenone	8.499	105	630212	24.825	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	312230	23.735	ng/ul	98
18) 4-Methylphenol	8.446	108	419127	23.937	ng/ul	98
19) Hexachloroethane	8.740	117	153751	22.128	ng/ul	98
22) Nitrobenzene	8.875	77	453453	22.619	ng/ul	96
23) Isophorone	9.399	82	944757	22.973	ng/ul	100
25) 2-Nitrophenol	9.581	139	229704	24.188	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	436016	23.602	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.881	93	567239	22.131	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	367816	22.956	ng/ul	98
30) Naphthalene	10.504	128	1302936	22.876	ng/ul	99
32) 4-Chloroaniline	10.622	127	574255	24.550	ng/ul	98
33) Hexachlorobutadiene	10.787	225	214384	22.278	ng/ul	95
34) Caprolactam	11.398	113	168228m	26.899	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	458947	24.506	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	901808	23.164	ng/ul	100
37) 1-Methylnaphthalene	12.345	142	913101	23.376	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.492	216	452838	22.175	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	215972	18.350	ng/ul	97
41) 2,4,6-Trichlorophenol	12.745	196	315220	22.742	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	344898	22.898	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	1192310	21.953	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	935346	21.988	ng/ul	99
45) 2-Nitroaniline	13.398	65	291795	23.663	ng/ul	94
47) Dimethylphthalate	13.781	163	1279571	23.259	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	259347	23.716	ng/ul	98
50) Acenaphthylene	14.039	152	1606806	22.986	ng/ul	99
51) 3-Nitroaniline	14.234	138	275217	23.539	ng/ul	97
52) Acenaphthene	14.381	153	1044216	22.576	ng/ul	96
53) 2,4-Dinitrophenol	14.445	184	141279	25.591	ng/ul	97
55) 4-Nitrophenol	14.545	109	201787	25.255	ng/ul	94
56) Dibenzofuran	14.716	168	1430795	22.769	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	401254	25.007	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	303589	24.096	ng/ul	99
59) Diethylphthalate	15.151	149	1297804	22.861	ng/ul	99
61) Fluorene	15.369	166	1217625	24.062	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	573233	23.387	ng/ul	96
63) 4-Nitroaniline	15.398	138	293245	26.346	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.457	198	227412	25.156	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	1065013	22.839	ng/ul	98
68) 4-Bromophenyl-phenylether	16.263	248	369750	22.557	ng/ul	97
69) Hexachlorobenzene	16.369	284	409691	22.052	ng/ul	97
70) Atrazine	16.539	200	324488	22.039	ng/ul	97
71) Pentachlorophenol	16.716	266	282616	23.777	ng/ul	96
72) Phenanthrene	17.110	178	1995352	23.153	ng/ul	100
74) Anthracene	17.198	178	2104802	24.103	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	451105	20.716	ng/uL	97
76) Pentachlorobenzene	14.634	250	456519	21.524	ng/uL	97
77) Carbazole	17.475	167	2008114	26.969	ng/ul	99
78) Di-n-butylphthalate	18.039	149	2459507	24.009	ng/ul	100
80) Fluoranthene	19.127	202	2479096	21.292	ng/ul	99
82) Pyrene	19.492	202	2583546	21.627	ng/ul	100
83) Butylbenzylphthalate	20.404	149	1211754	21.477	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	909363	26.047	ng/ul	96
85) Benzo(a)anthracene	21.286	228	2766638	22.703	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	1798589	21.868	ng/ul	99
87) Chrysene	21.345	228	2604005	22.877	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	3290667	21.959	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	2884793	21.562	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2912341	22.183	ng/ul	100
93) Benzo(a)pyrene	24.110	252	2794633	22.302	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.551	276	3374232	23.368	ng/ul	100
95) Dibenzo(a,h)anthracene	27.615	278	2748375	23.313	ng/ul	96
96) Benzo(g,h,i)perylene	28.592	276	2704257	23.559	ng/ul	98

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

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