Quantitation Report (Qedit)

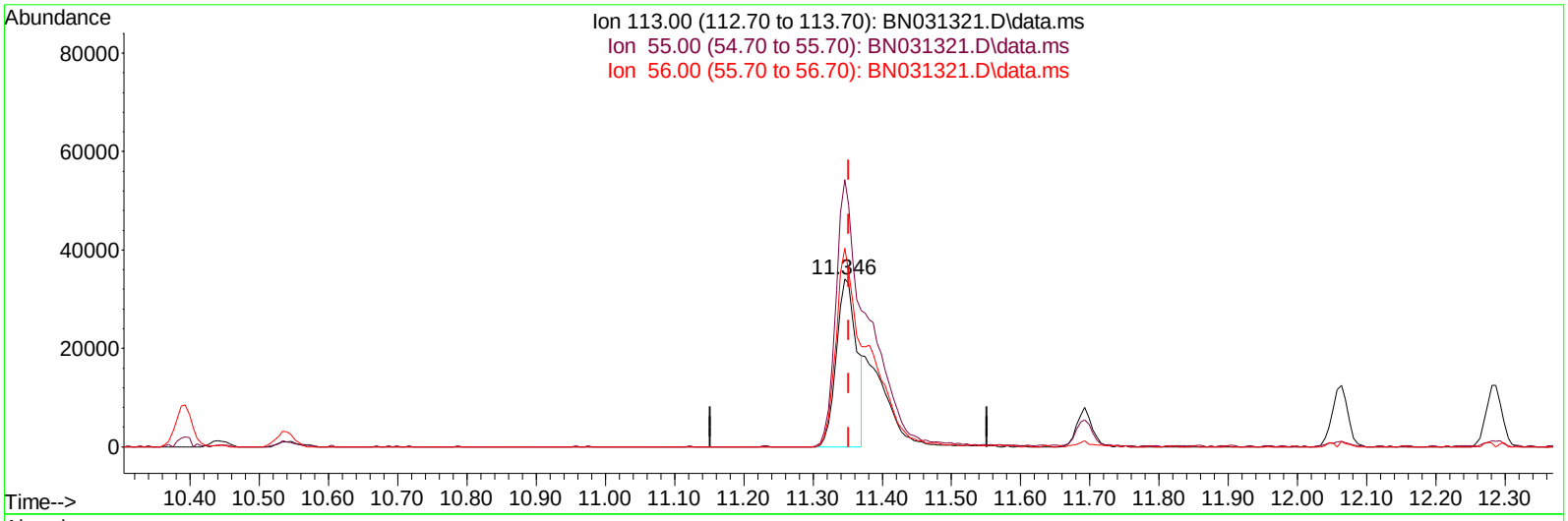
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031321.D
Acq On : 30 Apr 2024 15:18
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

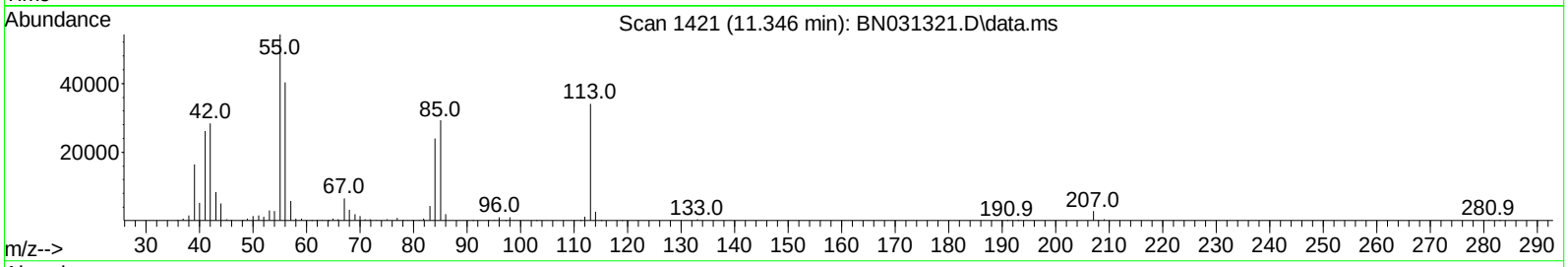
Quant Time: Apr 30 23:06:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:00:42 2024
Response via : Initial Calibration

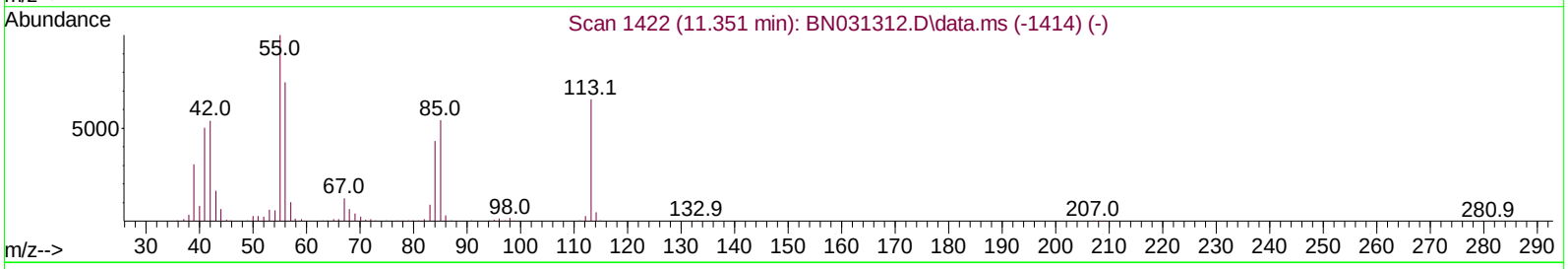
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BN031321.D\data.ms

(34) Caprolactam

11.346min (-0.006) 10.67 ng/ul

response 68766

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	159.13
56.00	112.00	118.51
0.00	0.00	0.00

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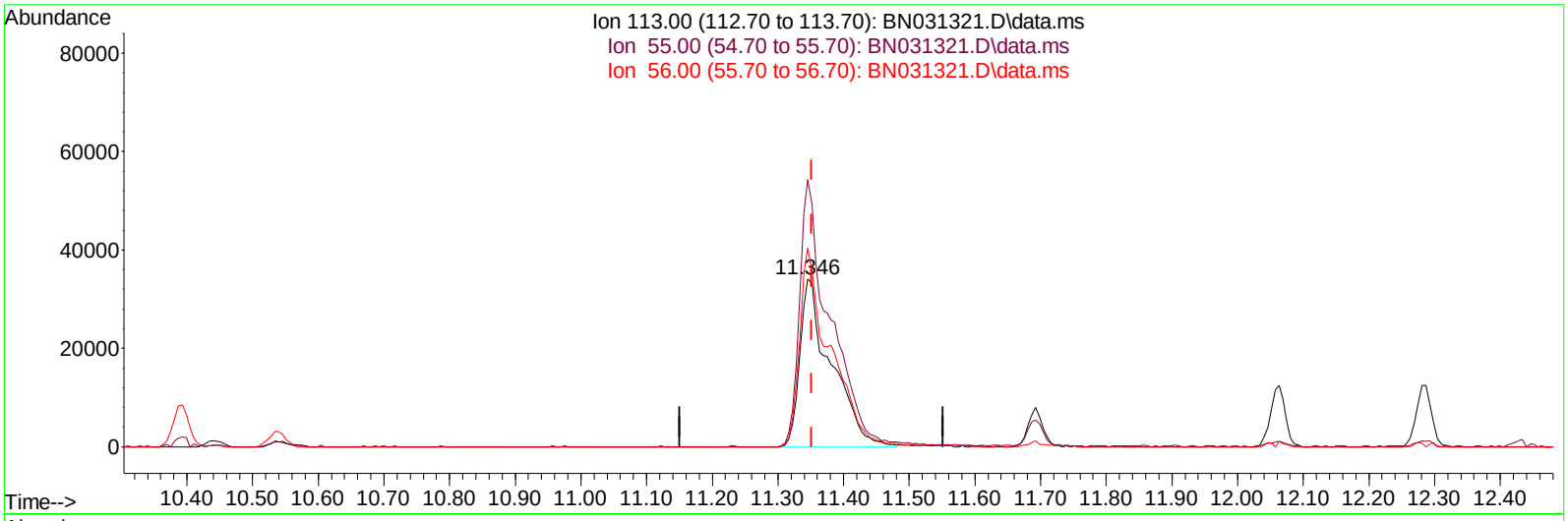

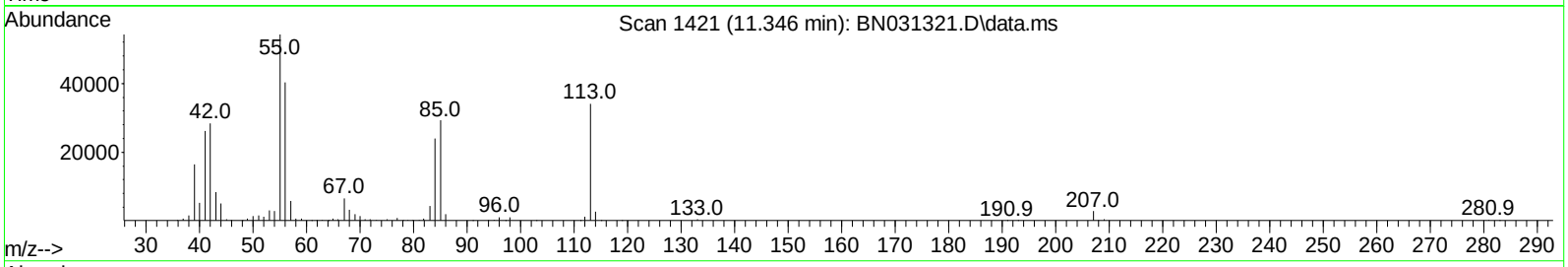

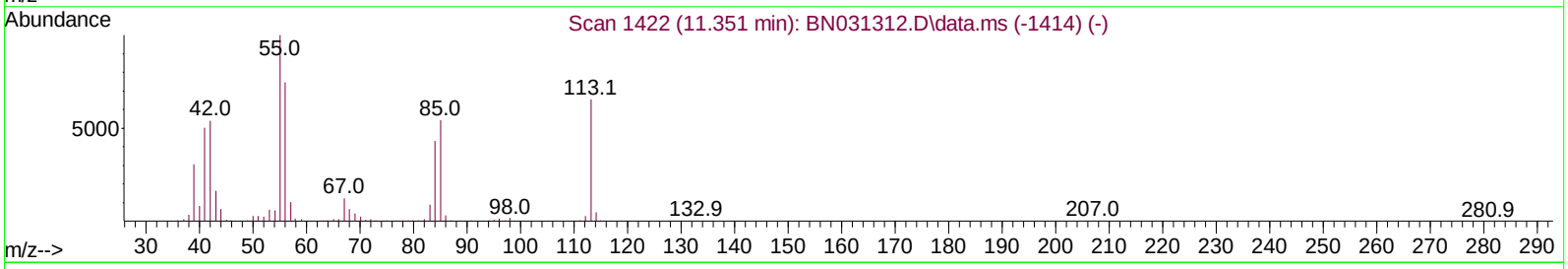

TIC: BN031321.D\data.ms

(34) Caprolactam

11.346min (-0.006) 17.38 ng/ul m

response 112048

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	159.13
56.00	112.00	118.51
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 23:28:08 2024
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Quant Title : SVOA CALIBRATION
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LabSampleId :
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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	7.610	152	274785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1269035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	861053	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1788495	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1381485	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1293618	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	41096	6.963	ng/uL	0.00
4) Pyridine-d5	3.534	84	323154	19.120	ng/ul	0.00
7) Phenol-d5	6.787	99	408401	18.470	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	243755	18.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	326838	18.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	339502	18.528	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	165983	18.149	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	181939	18.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	341402	18.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	498376	18.814	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1024714	18.051	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1185862	18.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	191196	18.559	ng/ul	0.00
60) Fluorene-d10	15.263	176	867839	17.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	150123	16.323	ng/ul	0.00
73) Anthracene-d10	17.116	188	1322216	17.913	ng/ul	0.00
81) Pyrene-d10	19.422	212	1476056	17.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1079211	18.020	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	46836	7.291	ng/uL	94
5) Pyridine	3.552	79	318147	18.738	ng/ul	97
6) Benzaldehyde	6.763	77	243995	21.978	ng/ul	97
8) Phenol	6.816	94	424733	18.899	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	342807	18.843	ng/ul	96
12) 2-Chlorophenol	7.175	128	338170	18.386	ng/ul	98
13) 2-Methylphenol	8.058	108	324772	18.607	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	451028	18.788	ng/ul	99
16) Acetophenone	8.434	105	527686	19.368	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	263345	18.410	ng/ul	99
18) 4-Methylphenol	8.387	108	359760	18.832	ng/ul	97
19) Hexachloroethane	8.675	117	134838	18.119	ng/ul	99
22) Nitrobenzene	8.810	77	394076	18.363	ng/ul	98
23) Isophorone	9.334	82	761275	18.179	ng/ul	99
25) 2-Nitrophenol	9.516	139	198863	18.519	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	372529	18.455	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.816	93	475185	18.040	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	338660	18.767	ng/ul	98
30) Naphthalene	10.440	128	1130448	18.127	ng/ul	100
32) 4-Chloroaniline	10.563	127	483122	19.049	ng/ul	96
33) Hexachlorobutadiene	10.722	225	196050	18.379	ng/ul	98
34) Caprolactam	11.346	113	112048m	17.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	384615	18.556	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	797455	18.443	ng/ul	96
37) 1-Methylnaphthalene	12.287	142	801235	18.319	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	396084	17.823	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	203843	16.386	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	273491	17.900	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	296301	17.782	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	1045105	17.870	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	822565	17.809	ng/ul	99
45) 2-Nitroaniline	13.345	65	238691	18.244	ng/ul	96
47) Dimethylphthalate	13.728	163	1046716	17.996	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	210172	18.519	ng/ul	97
50) Acenaphthylene	13.981	152	1344266	17.935	ng/ul	100
51) 3-Nitroaniline	14.181	138	229083	18.742	ng/ul	97
52) Acenaphthene	14.328	153	881765	17.734	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	92797	14.308	ng/ul	89
55) 4-Nitrophenol	14.498	109	156350	18.956	ng/ul	98
56) Dibenzofuran	14.663	168	1226643	18.167	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	305093	18.330	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.892	232	249117	17.887	ng/ul	97
59) Diethylphthalate	15.098	149	1064620	18.161	ng/ul	99
61) Fluorene	15.316	166	976168	18.134	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	473200	18.223	ng/ul	95
63) 4-Nitroaniline	15.351	138	226070	20.199	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	163991	16.634	ng/ul	97
67) N-Nitrosodiphenylamine	15.534	169	855131	17.995	ng/ul	99
68) 4-Bromophenyl-phenylether	16.210	248	299714	17.913	ng/ul	95
69) Hexachlorobenzene	16.316	284	336509	17.440	ng/ul	98
70) Atrazine	16.492	200	295195	19.124	ng/ul	94
71) Pentachlorophenol	16.663	266	208261	17.827	ng/ul	95
72) Phenanthrene	17.057	178	1557426	17.596	ng/ul	97
74) Anthracene	17.151	178	1587694	17.937	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	400567	17.682	ng/uL	98
76) Pentachlorobenzene	14.575	250	395174	17.787	ng/uL	96
77) Carbazole	17.428	167	1465414	18.955	ng/ul	100
78) Di-n-butylphthalate	17.992	149	1777825	17.745	ng/ul	99
80) Fluoranthene	19.080	202	1801757	17.864	ng/ul	98
82) Pyrene	19.445	202	1820243	17.691	ng/ul	99
83) Butylbenzylphthalate	20.363	149	767560	17.856	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.174	252	427580	17.298	ng/ul	95
85) Benzo(a)anthracene	21.239	228	1646063	18.258	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	1068120	18.886	ng/ul	99
87) Chrysene	21.298	228	1529579	18.107	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	1656251	17.280	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1419521	18.107	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	1365368	17.710	ng/ul	100
93) Benzo(a)pyrene	24.010	252	1277789	18.224	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	1365157	17.183	ng/ul	99
95) Dibenzo(a,h)anthracene	27.439	278	1172553	17.767	ng/ul	98
96) Benzo(g,h,i)perylene	28.392	276	1107978	17.290	ng/ul	98

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

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