Quantitation Report (Qedit)

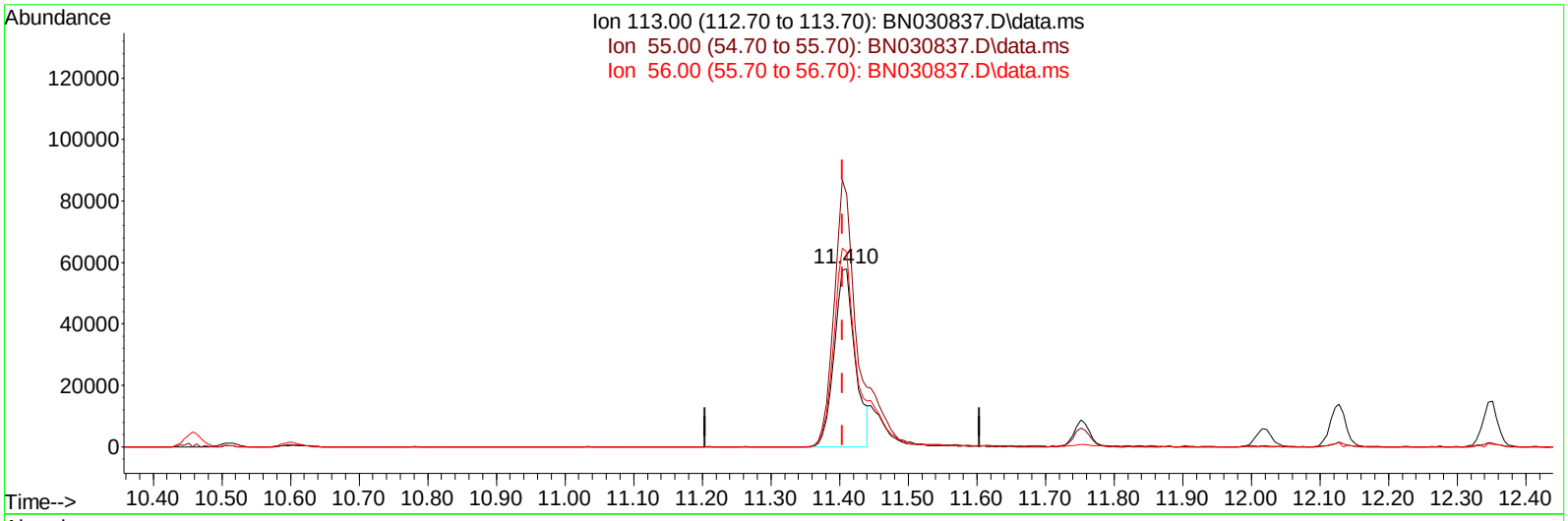
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030837.D
Acq On : 11 Apr 2024 05:02
Operator : MA/JU
Sample : PB160082BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

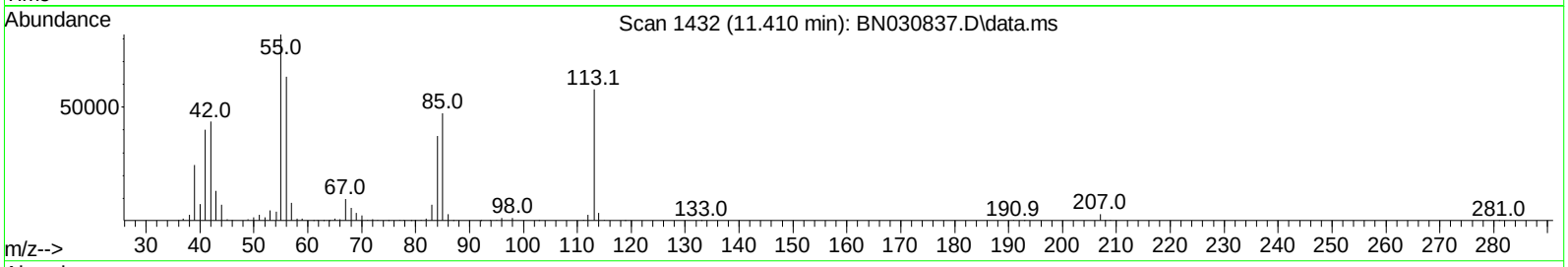
Quant Time: Apr 11 05:34:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

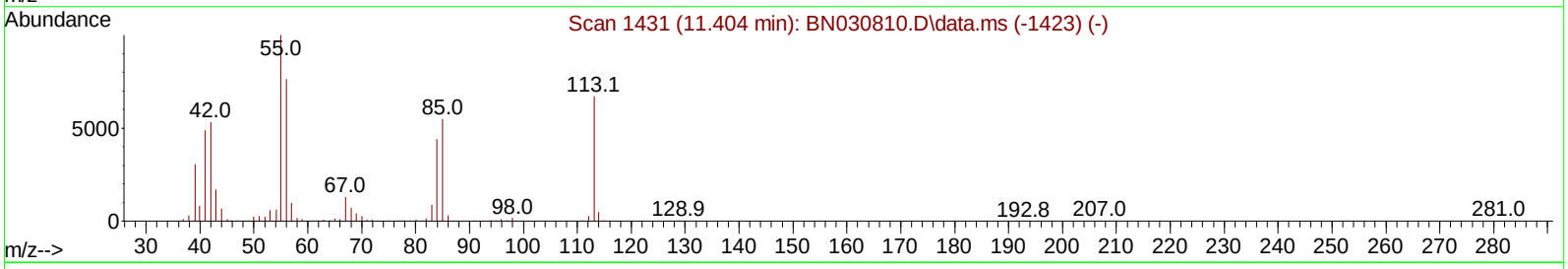
Instrument :
BNA_N
ClientSampleId :
SLCS082

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024







TIC: BN030837.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 30.23 ng/ul

response 122163

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	141.68
56.00	113.20	109.56
0.00	0.00	0.00

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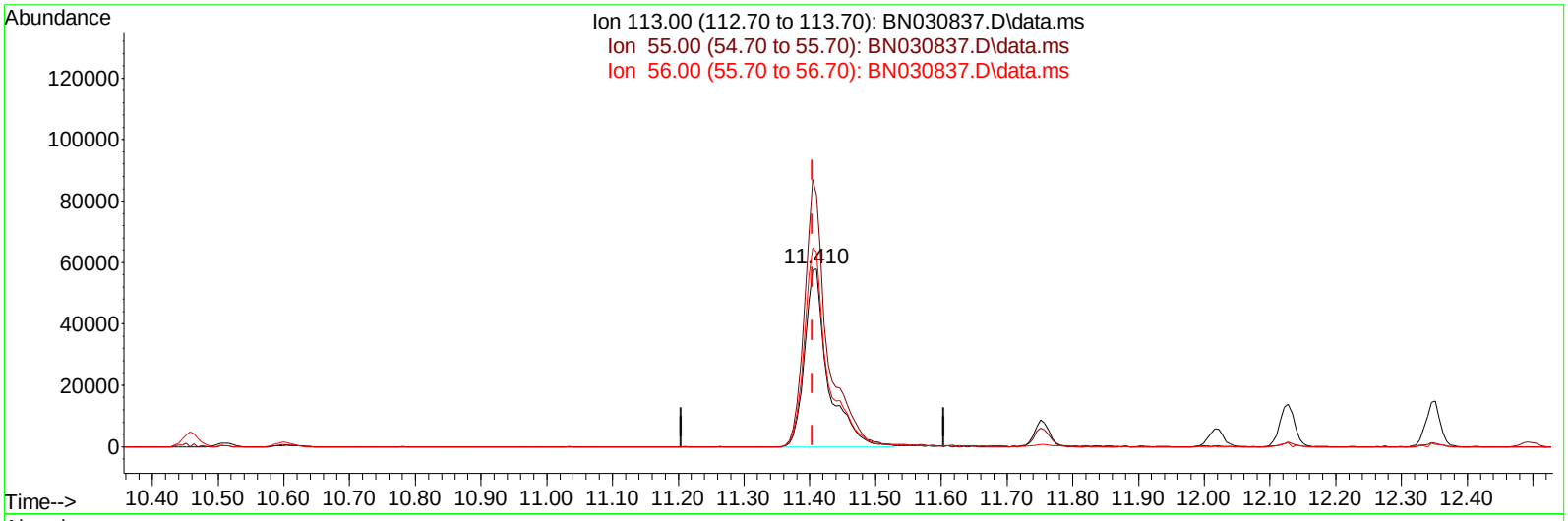

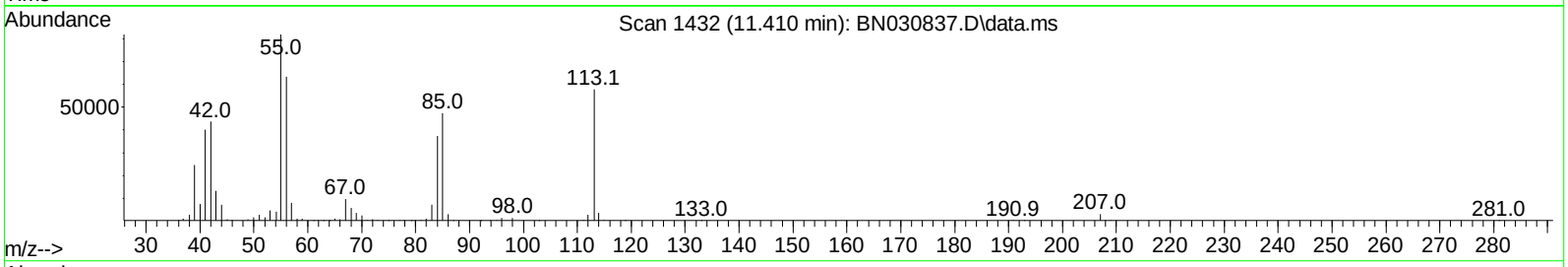

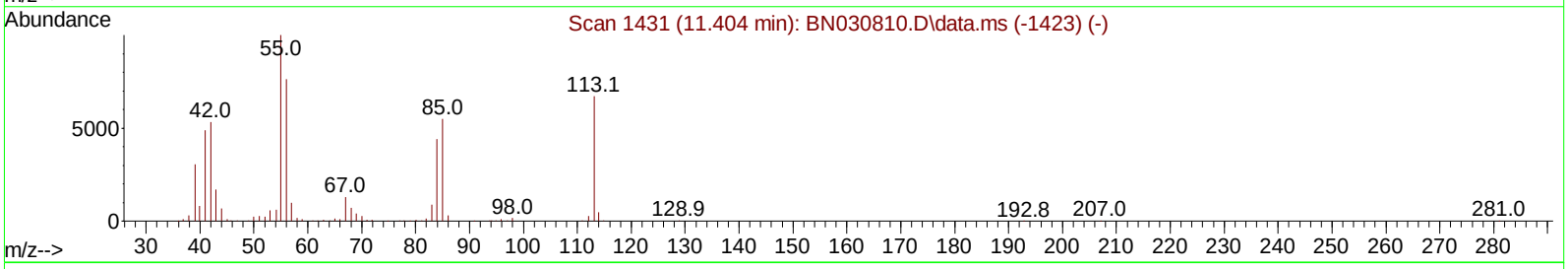

TIC: BN030837.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 35.73 ng/ul m

response 144411

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	141.68
56.00	113.20	109.56
0.00	0.00	0.00

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Sample : PB160082BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 05:35:04 2024
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Quant Title : SVOA CALIBRATION
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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	164850	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	762832	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	523236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1179746	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1171447	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1331774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	17261	4.909	ng/uL	0.00
4) Pyridine-d5	3.593	84	161348	15.305	ng/ul	0.00
7) Phenol-d5	6.846	99	232230	17.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	135176	16.411	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	181570	17.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	187329	16.761	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	92696	17.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	93618	19.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	202995	19.154	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	278896	15.985	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	639923	18.318	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	736233	18.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	126484	18.928	ng/ul	0.00
60) Fluorene-d10	15.316	176	570794	18.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	95800	18.397	ng/ul	0.00
73) Anthracene-d10	17.169	188	906167	17.827	ng/ul	0.00
81) Pyrene-d10	19.469	212	1149161	18.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1140077	18.579	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	39217	10.412	ng/uL	93
5) Pyridine	3.611	79	325988	30.645	ng/ul	99
6) Benzaldehyde	6.828	77	239090	38.499	ng/ul	98
8) Phenol	6.875	94	469753	33.814	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.110	93	356725	31.489	ng/ul	99
12) 2-Chlorophenol	7.240	128	373039	34.374	ng/ul	97
13) 2-Methylphenol	8.116	108	353414	33.013	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	471548	29.560	ng/ul	98
16) Acetophenone	8.499	105	571875	32.408	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	280104	31.516	ng/ul	96
18) 4-Methylphenol	8.446	108	399332	33.322	ng/ul	100
19) Hexachloroethane	8.746	117	148290	32.592	ng/ul	97
22) Nitrobenzene	8.875	77	415147	32.138	ng/ul	100
23) Isophorone	9.399	82	830394	32.233	ng/ul	100
25) 2-Nitrophenol	9.581	139	216154	37.993	ng/ul	96
26) 2,4-Dimethylphenol	9.640	107	352023	27.839	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.881	93	518168	31.635	ng/ul	100
29) 2,4-Dichlorophenol	10.110	162	388546	35.919	ng/ul	99
30) Naphthalene	10.510	128	1267964	32.409	ng/ul	99
32) 4-Chloroaniline	10.628	127	528181	31.412	ng/ul	100
33) Hexachlorobutadiene	10.787	225	220509	32.385	ng/ul	94
34) Caprolactam	11.410	113	144411m	35.735	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	440607	36.163	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	902091	33.016	ng/ul	96
37) 1-Methylnaphthalene	12.345	142	913816	32.946	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	467701	34.636	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	195926	25.550	ng/ul	96
41) 2,4,6-Trichlorophenol	12.745	196	308915	36.610	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	354135	37.163	ng/ul	94
43) 1,1'-Biphenyl	13.151	154	1207076	33.846	ng/ul	99
44) 2-Chloronaphthalene	13.192	162	944625	33.647	ng/ul	99
45) 2-Nitroaniline	13.404	65	281600	37.691	ng/ul	100
47) Dimethylphthalate	13.787	163	1238002	34.306	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	248624	37.160	ng/ul	96
50) Acenaphthylene	14.039	152	1551523	33.432	ng/ul	99
51) 3-Nitroaniline	14.234	138	292223	41.149	ng/ul	100
52) Acenaphthene	14.386	153	1013912	32.784	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	114863	37.377	ng/ul	93
55) 4-Nitrophenol	14.545	109	194836	36.802	ng/ul	97
56) Dibenzofuran	14.722	168	1459091	33.940	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	386438	39.561	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	309942	39.162	ng/ul	96
59) Diethylphthalate	15.157	149	1253820	34.201	ng/ul	98
61) Fluorene	15.375	166	1173778	34.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	559220	33.357	ng/ul	98
63) 4-Nitroaniline	15.404	138	305125	44.195	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.451	198	200766	35.881	ng/ul	98
67) N-Nitrosodiphenylamine	15.586	169	1079462	33.598	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	378468	33.784	ng/ul	96
69) Hexachlorobenzene	16.369	284	427162	32.382	ng/ul	96
70) Atrazine	16.545	200	389173	34.947	ng/ul	98
71) Pentachlorophenol	16.716	266	288291	37.066	ng/ul	97
72) Phenanthrene	17.110	178	2015457	33.252	ng/ul	99
74) Anthracene	17.204	178	1991124	32.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	478610	33.022	ng/uL	98
76) Pentachlorobenzene	14.634	250	465674	31.632	ng/uL	97
77) Carbazole	17.475	167	2001796	37.253	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2386112	36.400	ng/ul	100
80) Fluoranthene	19.133	202	2466794	32.948	ng/ul	97
82) Pyrene	19.498	202	2645531	33.458	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1164936	38.579	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	789063	36.658	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2688791	34.392	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	1672235	37.553	ng/ul	100
87) Chrysene	21.351	228	2537608	34.388	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	3063647	36.326	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2735834	34.906	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	2724202	34.225	ng/ul	99
93) Benzo(a)pyrene	24.104	252	2291229	30.946	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	2899114	36.223	ng/ul	99
95) Dibenzo(a,h)anthracene	27.592	278	2376586	35.273	ng/ul	99
96) Benzo(g,h,i)perylene	28.556	276	2206656	35.120	ng/ul	97

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

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