Quantitation Report (Qedit)

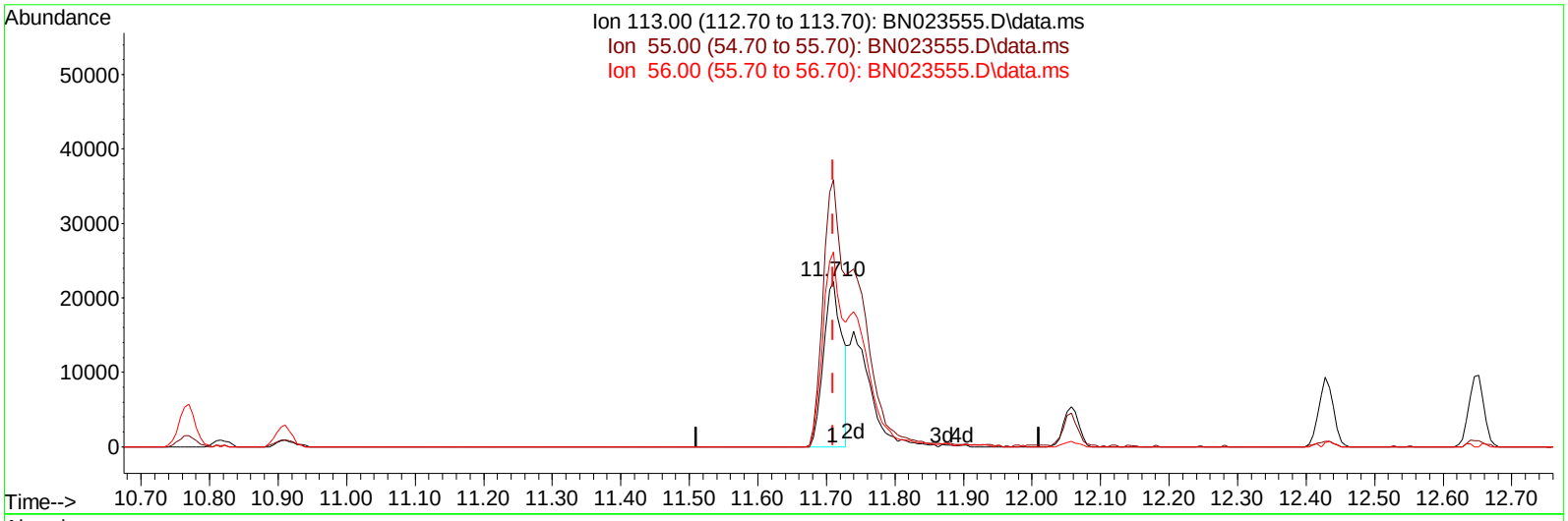
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
Data File : BN023555.D
Acq On : 04 Jan 2023 16:34
Operator : CG/JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

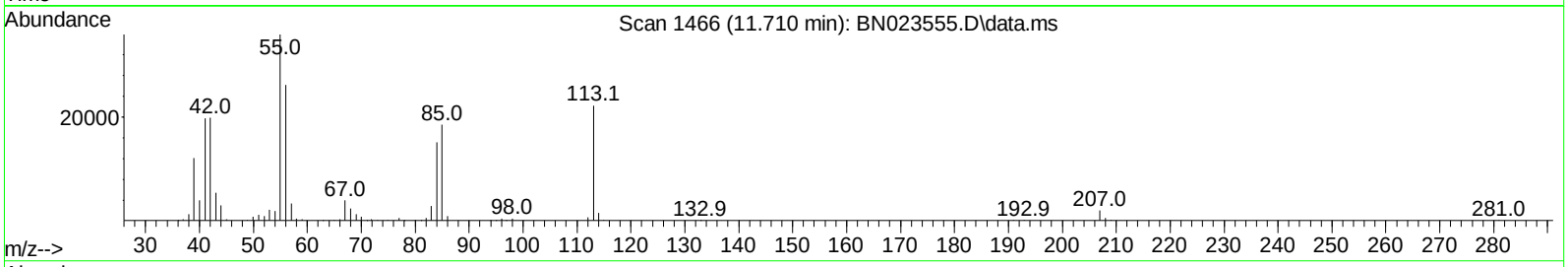
Quant Time: Jan 05 02:36:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:34:34 2023
Response via : Initial Calibration

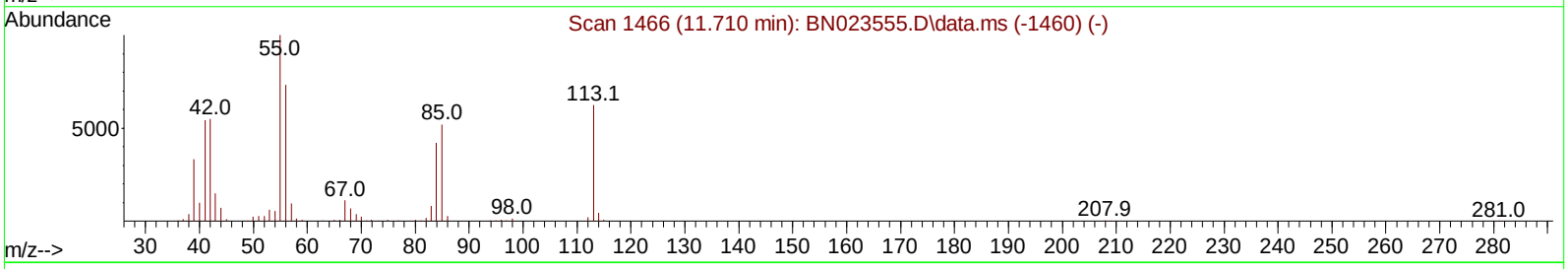
Instrument :
BNA_N
ClientSampleId :
SSTD020219

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/06/2023







TIC: BN023555.D\data.ms

(34) Caprolactam

11.710min (0.000) 9.14 ng/ul

response 42255

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	161.40
56.00	117.80	117.75
0.00	0.00	0.00

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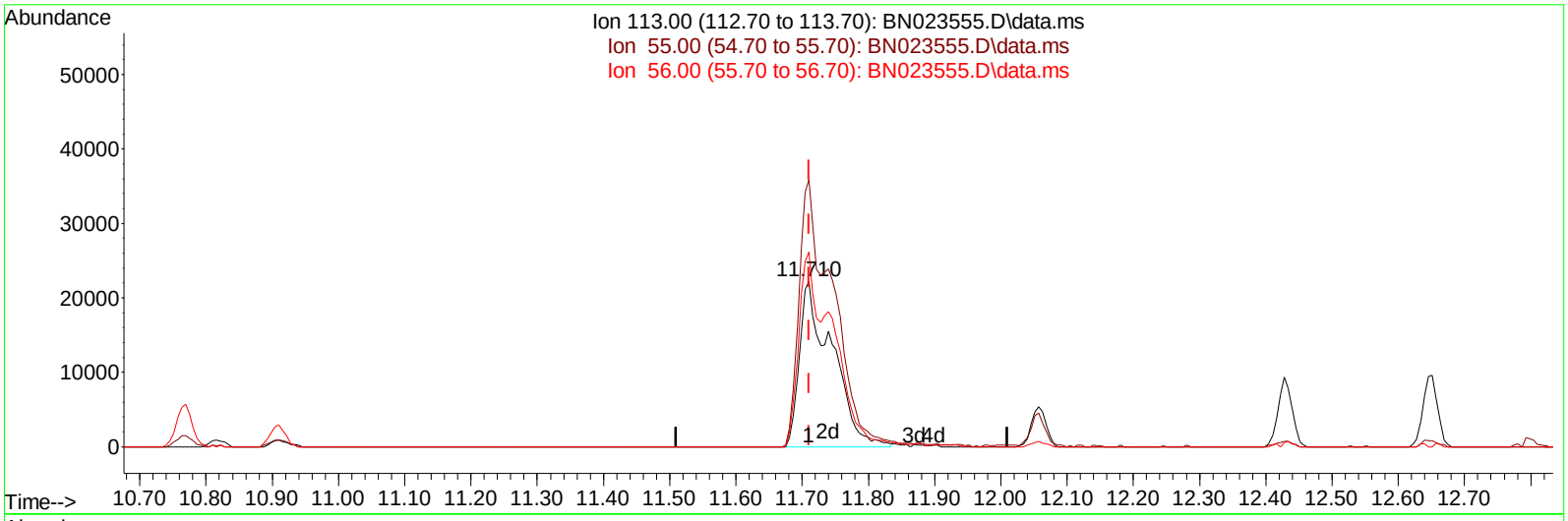

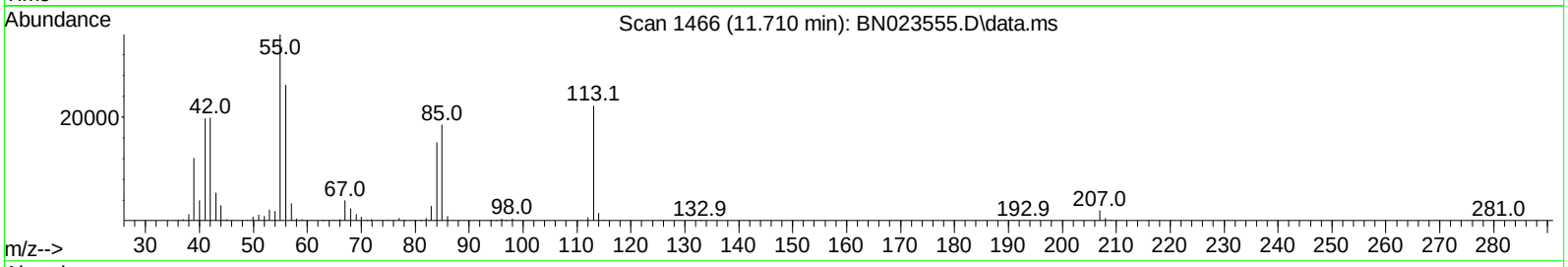

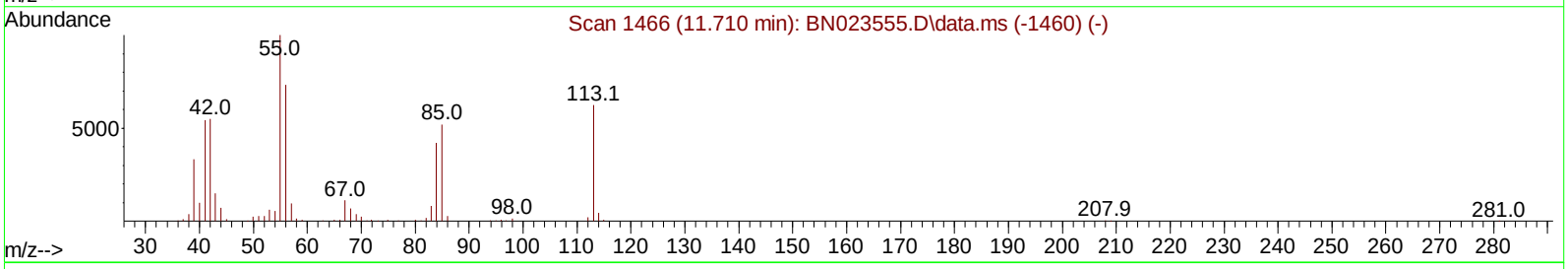

TIC: BN023555.D\data.ms

(34) Caprolactam

11.710min (0.000) 16.46 ng/ul m

response 76130

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	161.40
56.00	117.80	117.75
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	176770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	782493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	505061	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1117757	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1082969	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1123116	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	34047	7.969	ng/uL	0.00
4) Pyridine-d5	3.728	84	238141	18.882	ng/ul	0.00
7) Phenol-d5	7.110	99	303482	18.459	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	192696	20.141	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	241317	19.479	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	242428	18.366	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	117891	19.500	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	124765	19.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	241763	20.112	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	377461	19.515	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	757391	20.011	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	846031	19.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	149048	17.632	ng/ul	0.00
60) Fluorene-d10	15.598	176	646278	20.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	126098	19.164	ng/ul	0.00
73) Anthracene-d10	17.451	188	1026706	20.496	ng/ul	0.00
81) Pyrene-d10	19.745	212	1222528	20.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	1107610	20.120	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	35260	7.963	ng/uL	100
5) Pyridine	3.746	79	252475	19.591	ng/ul	100
6) Benzaldehyde	7.081	77	121013	20.549	ng/ul	100
8) Phenol	7.140	94	309424	18.632	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.369	93	251438	19.494	ng/ul	100
12) 2-Chlorophenol	7.510	128	248166	19.504	ng/ul	100
13) 2-Methylphenol	8.399	108	234310	18.544	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	337104	20.635	ng/ul	100
16) Acetophenone	8.781	105	392874	19.671	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	197818	19.780	ng/ul	100
18) 4-Methylphenol	8.728	108	259542	18.510	ng/ul	100
19) Hexachloroethane	9.034	117	98949	20.192	ng/ul	100
22) Nitrobenzene	9.163	77	297990	20.556	ng/ul	100
23) Isophorone	9.693	82	541882	19.817	ng/ul	100
25) 2-Nitrophenol	9.881	139	142357	20.498	ng/ul	100
26) 2,4-Dimethylphenol	9.940	107	285860	20.334	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.181	93	348242	19.909	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	239834	20.162	ng/ul	100
30) Naphthalene	10.816	128	837444	20.033	ng/ul	100
32) 4-Chloroaniline	10.934	127	380369	19.711	ng/ul	100
33) Hexachlorobutadiene	11.104	225	146927	21.666	ng/ul	100
34) Caprolactam	11.710	113	76130m	16.460	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	266066	19.748	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	561977	19.946	ng/ul	100
37) 1-Methylnaphthalene	12.651	142	577360	19.885	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	294786	20.636	ng/ul	100
40) Hexachlorocyclopentadiene	12.775	237	165988	19.317	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	199508	20.304	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	215080	19.777	ng/ul	100
43) 1,1'-Biphenyl	13.440	154	765068	20.047	ng/ul	100
44) 2-Chloronaphthalene	13.481	162	596509	20.071	ng/ul	100
45) 2-Nitroaniline	13.687	65	169802	19.716	ng/ul	100
47) Dimethylphthalate	14.063	163	760301	19.907	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	143810	19.449	ng/ul	100
50) Acenaphthylene	14.328	152	940481	20.149	ng/ul	100
51) 3-Nitroaniline	14.510	138	134000	17.798	ng/ul	100
52) Acenaphthene	14.669	153	650069	20.033	ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	80801	17.149	ng/ul	100
55) 4-Nitrophenol	14.816	109	122087	19.527	ng/ul	100
56) Dibenzofuran	15.004	168	910143	20.145	ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	218056	19.978	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.228	232	186569	19.815	ng/ul	100
59) Diethylphthalate	15.428	149	764049	20.110	ng/ul	100
61) Fluorene	15.651	166	749502	20.486	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	361739	20.629	ng/ul	100
63) 4-Nitroaniline	15.675	138	128226	17.488	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.734	198	127293	19.816	ng/ul	100
67) N-Nitrosodiphenylamine	15.863	169	626074	20.239	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	231496	21.464	ng/ul	100
69) Hexachlorobenzene	16.657	284	263064	20.862	ng/ul	100
70) Atrazine	16.816	200	231016	20.436	ng/ul	100
71) Pentachlorophenol	16.998	266	157161	18.875	ng/ul	100
72) Phenanthrene	17.392	178	1218939	20.609	ng/ul	100
74) Anthracene	17.486	178	1202680	20.379	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	295865	21.285	ng/uL	100
76) Pentachlorobenzene	14.922	250	297716	21.136	ng/uL	100
77) Carbazole	17.757	167	1116238	20.541	ng/ul	100
78) Di-n-butylphthalate	18.322	149	1328821	20.594	ng/ul	100
80) Fluoranthene	19.410	202	1426177	20.815	ng/ul	100
82) Pyrene	19.775	202	1515354	21.054	ng/ul	100
83) Butylbenzylphthalate	20.674	149	617683	20.739	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	473720	19.905	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1434724	19.774	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	903333	21.450	ng/ul	100
87) Chrysene	21.580	228	1352566	19.753	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	1504752	22.124	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1410218	19.908	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	1387657	20.584	ng/ul	100
93) Benzo(a)pyrene	23.857	252	1234007	20.270	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.504	276	1549413	20.090	ng/ul	100
95) Dibenzo(a,h)anthracene	26.521	278	1264468	20.108	ng/ul	100
96) Benzo(g,h,i)perylene	27.286	276	1204366	19.737	ng/ul	100

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

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