Quantitation Report (Qedit)

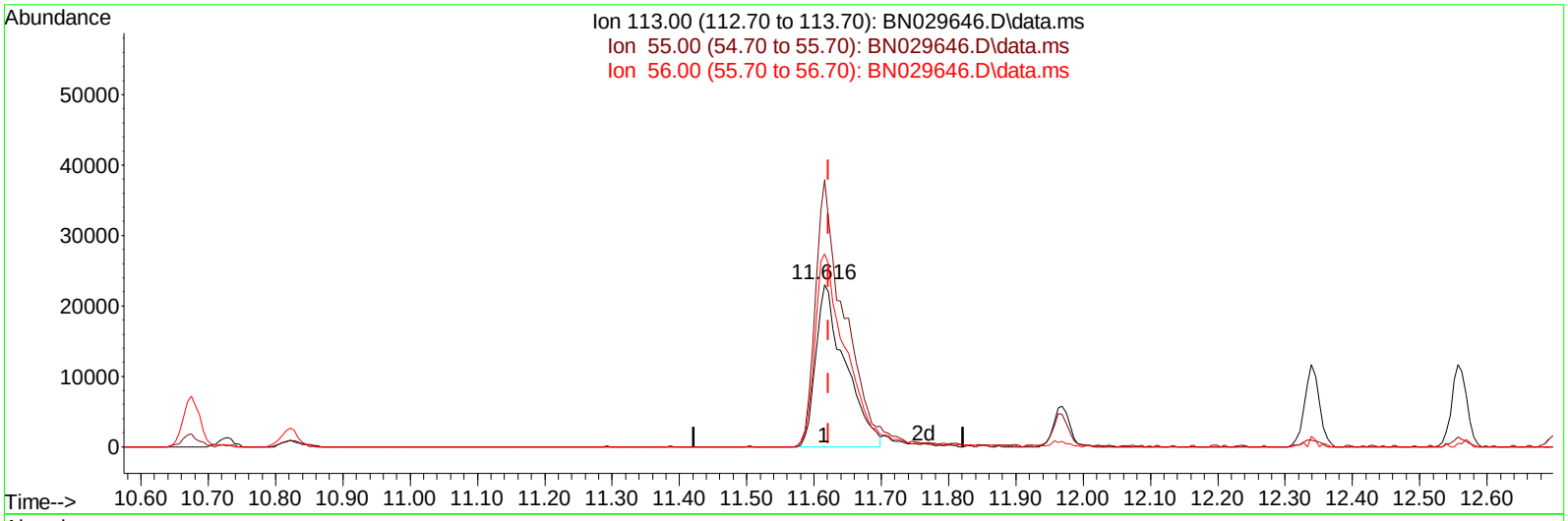
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029646.D
Acq On : 10 Feb 2024 13:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 39 Sample Multiplier: 1

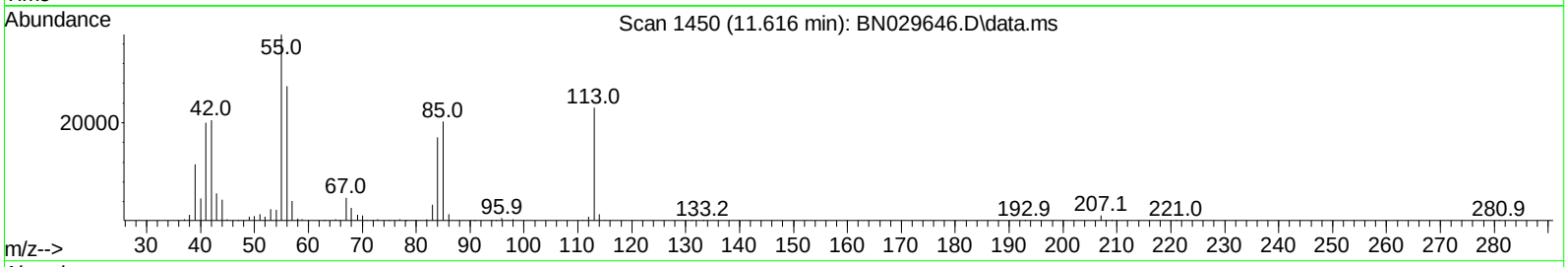
Quant Time: Feb 11 22:12:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

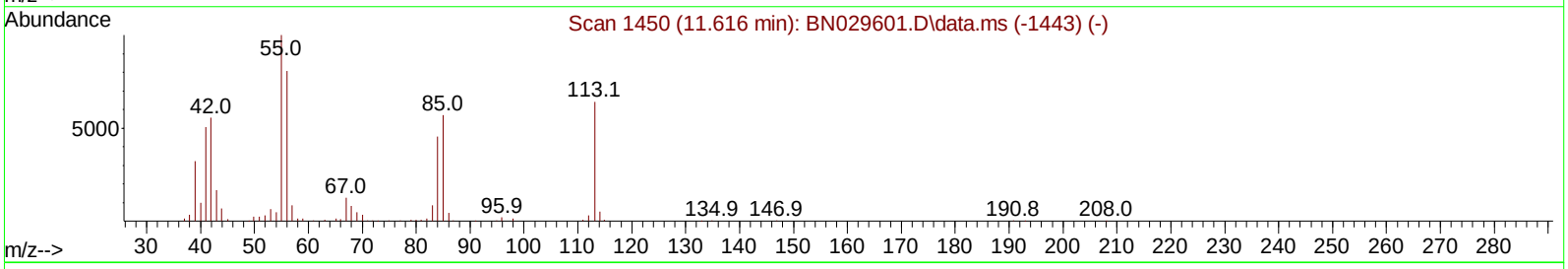
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029646.D\data.ms

(34) Caprolactam

11.616min (-0.006) 14.45 ng/ul

response 69736

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	164.40
56.00	129.20	118.67
0.00	0.00	0.00

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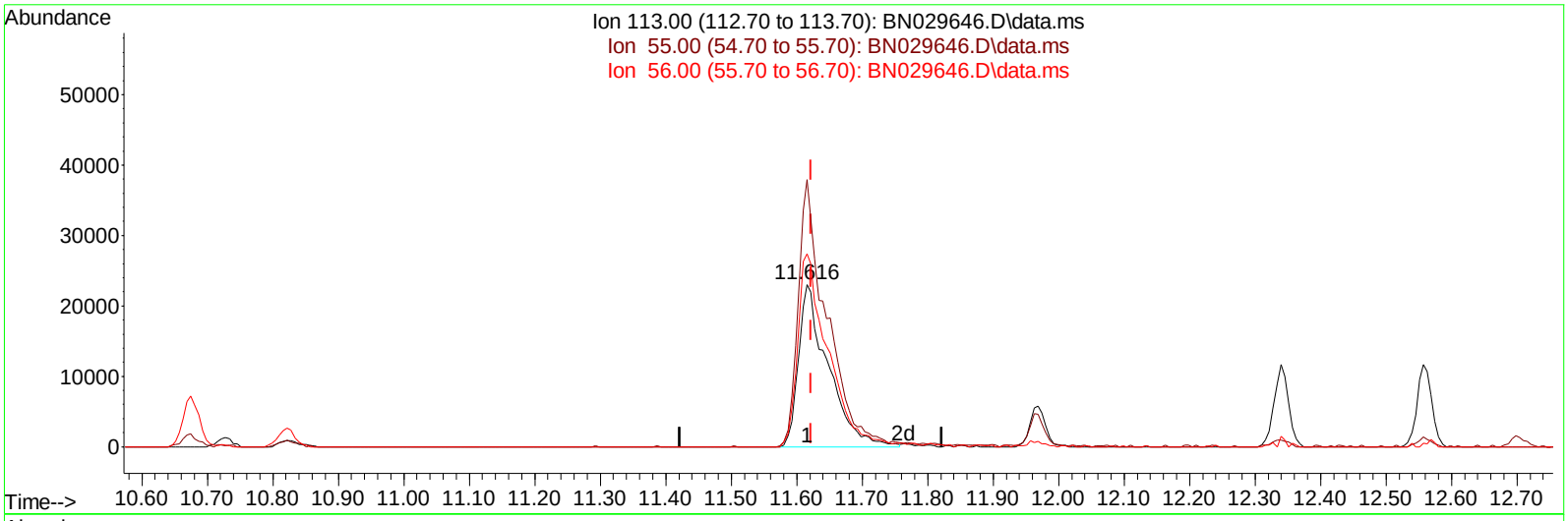

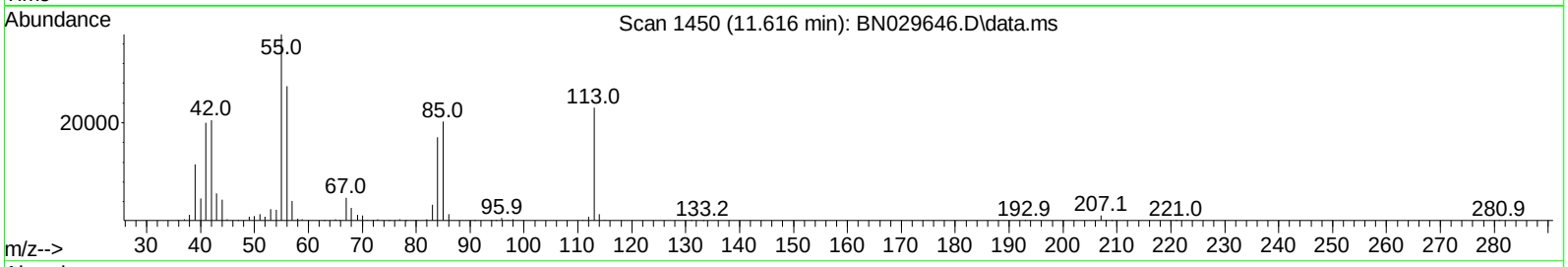

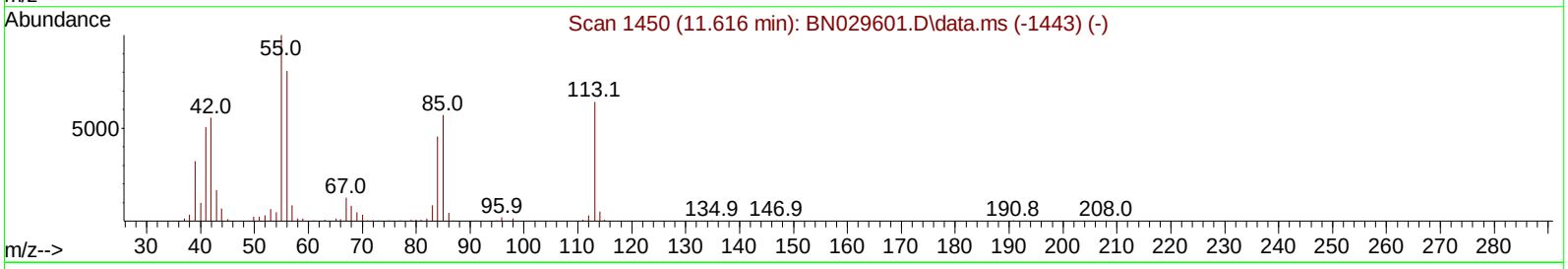

TIC: BN029646.D\data.ms

(34) Caprolactam

11.616min (-0.006) 15.01 ng/ul m

response 72411

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	164.40
56.00	129.20	118.67
0.00	0.00	0.00

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	252578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1051720	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	512713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	888628	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	703960	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	803279	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	56310	7.333	ng/uL	0.00
4) Pyridine-d5	3.734	84	376797	18.399	ng/ul	0.00
7) Phenol-d5	7.045	99	446093	18.882	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	296901	18.830	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	349057	20.389	ng/ul	-0.01
15) 4-Methylphenol-d8	8.592	113	331599	18.820	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	161138	19.741	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	149983	21.097	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	273818	19.514	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	420209	17.553	ng/ul	-0.01
46) Dimethylphthalate-d6	13.939	166	685925	17.969	ng/ul	-0.01
49) Acenaphthylene-d8	14.210	160	852160	18.798	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.727	143	113611	15.681	ng/ul	0.00
60) Fluorene-d10	15.516	176	562671	17.327	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	73377	16.947	ng/ul	0.00
73) Anthracene-d10	17.368	188	766969	18.416	ng/ul	-0.01
81) Pyrene-d10	19.668	212	795608	18.833	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	763027	18.983	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	61179	7.692	ng/uL	93
5) Pyridine	3.752	79	391540	18.481	ng/ul	97
6) Benzaldehyde	7.022	77	259103	24.467	ng/ul	98
8) Phenol	7.069	94	452746	18.699	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	384763	18.898	ng/ul	98
12) 2-Chlorophenol	7.440	128	358136	19.939	ng/ul	98
13) 2-Methylphenol	8.322	108	326399	18.681	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	494613	18.601	ng/ul	99
16) Acetophenone	8.710	105	537462	19.166	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.692	70	283439	19.578	ng/ul	99
18) 4-Methylphenol	8.651	108	349825	18.947	ng/ul	97
19) Hexachloroethane	8.945	117	160452	19.250	ng/ul	96
22) Nitrobenzene	9.087	77	434819	18.800	ng/ul	99
23) Isophorone	9.610	82	738348	18.328	ng/ul	99
25) 2-Nitrophenol	9.792	139	169522	20.882	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	361163	18.563	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.104	93	470587	18.381	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	277237	19.120	ng/ul	97
30) Naphthalene	10.728	128	1106400	18.405	ng/ul	100
32) 4-Chloroaniline	10.845	127	407215	17.232	ng/ul	99
33) Hexachlorobutadiene	10.998	225	172671	19.296	ng/ul	99
34) Caprolactam	11.616	113	72411m	15.008	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	305838	18.262	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.339	142	678081	18.401	ng/ul	99
37) 1-Methylnaphthalene	12.557	142	668213	18.290	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	297113	19.550	ng/ul	97
40) Hexachlorocyclopentadiene	12.680	237	172092	17.324	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	176183	20.113	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	193029	19.611	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	824067	19.058	ng/ul	98
44) 2-Chloronaphthalene	13.392	162	633288	18.845	ng/ul	97
45) 2-Nitroaniline	13.610	65	180547	18.274	ng/ul	93
47) Dimethylphthalate	13.992	163	687118	17.585	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	131822	18.853	ng/ul	97
50) Acenaphthylene	14.239	152	1024581	18.833	ng/ul	100
51) 3-Nitroaniline	14.439	138	134316	16.505	ng/ul	99
52) Acenaphthene	14.586	153	661984	18.420	ng/ul	94
53) 2,4-Dinitrophenol	14.645	184	48943	13.793	ng/ul	93
55) 4-Nitrophenol	14.739	109	102762	15.512	ng/ul	97
56) Dibenzofuran	14.922	168	862601	18.176	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	177396	18.021	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.145	232	131916	18.884	ng/ul	98
59) Diethylphthalate	15.357	149	690357	17.200	ng/ul	97
61) Fluorene	15.569	166	679090	18.103	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	299595	17.856	ng/ul	100
63) 4-Nitroaniline	15.598	138	124725	16.982	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	83354	17.462	ng/ul	98
67) N-Nitrosodiphenylamine	15.786	169	533793	19.277	ng/ul	97
68) 4-Bromophenyl-phenylether	16.469	248	168053	19.980	ng/ul	93
69) Hexachlorobenzene	16.569	284	185572	19.574	ng/ul	93
70) Atrazine	16.745	200	156864	18.131	ng/ul	98
71) Pentachlorophenol	16.916	266	99673	18.104	ng/ul	96
72) Phenanthrene	17.316	178	967271	18.817	ng/ul	99
74) Anthracene	17.404	178	944866	18.315	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.316	216	284540	21.821	ng/uL	98
76) Pentachlorobenzene	14.833	250	240914	20.633	ng/uL	95
77) Carbazole	17.680	167	846450	17.964	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1013892	17.894	ng/ul	100
80) Fluoranthene	19.333	202	978198	19.062	ng/ul	99
82) Pyrene	19.698	202	1044737	19.244	ng/ul	98
83) Butylbenzylphthalate	20.621	149	406418	18.369	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.398	252	258961	18.992	ng/ul	94
85) Benzo(a)anthracene	21.456	228	955951	18.486	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	621099	18.148	ng/ul	98
87) Chrysene	21.509	228	935274	19.298	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	997246	16.016	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	955198	18.879	ng/ul	97
91) Benzo(k)fluoranthene	23.174	252	970731	18.745	ng/ul	95
93) Benzo(a)pyrene	23.739	252	916533	18.889	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.292	276	1116669	18.899	ng/ul	96
95) Dibenzo(a,h)anthracene	26.315	278	943160	19.553	ng/ul	98
96) Benzo(g,h,i)perylene	27.050	276	933980	18.899	ng/ul	96

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

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