Quantitation Report (Qedit)

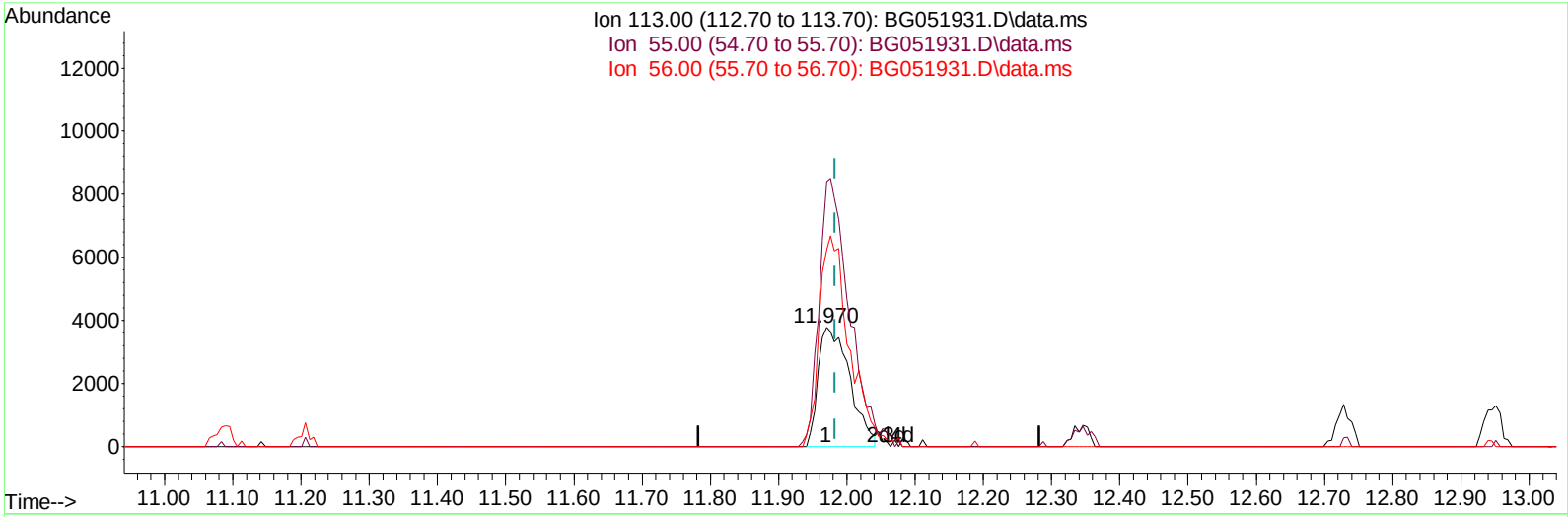
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011022\
Data File : BG051931.D
Acq On : 10 Jan 2022 15:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

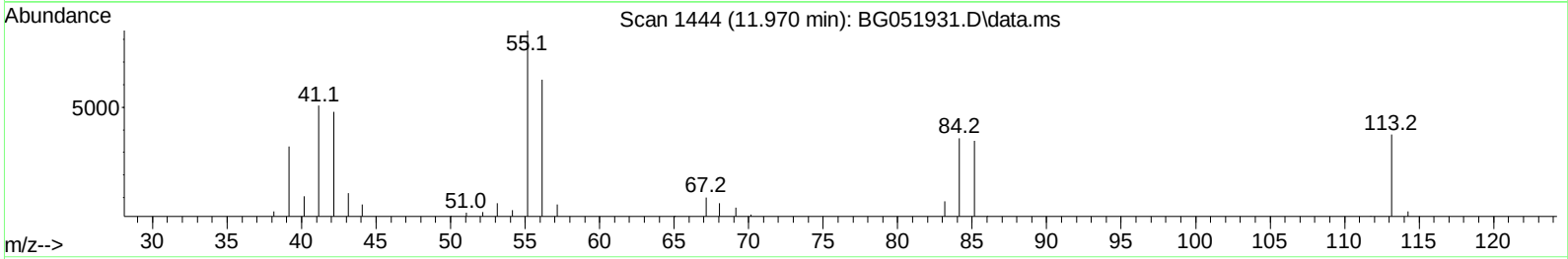
Quant Time: Jan 11 00:05:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

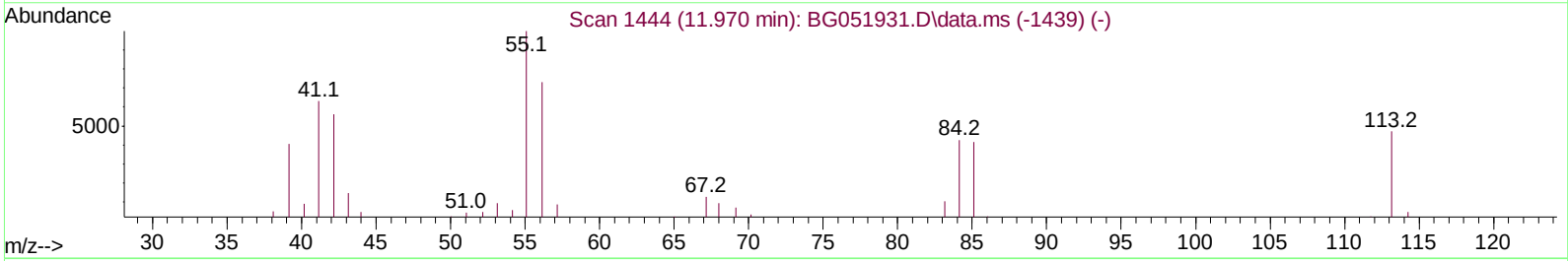
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/11/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BG051931.D\data.ms

(34) Caprolactam

11.970min (-0.013) 22.44 ng/ul

response 12104

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	221.92#
56.00	136.50	164.64#
0.00	0.00	0.00

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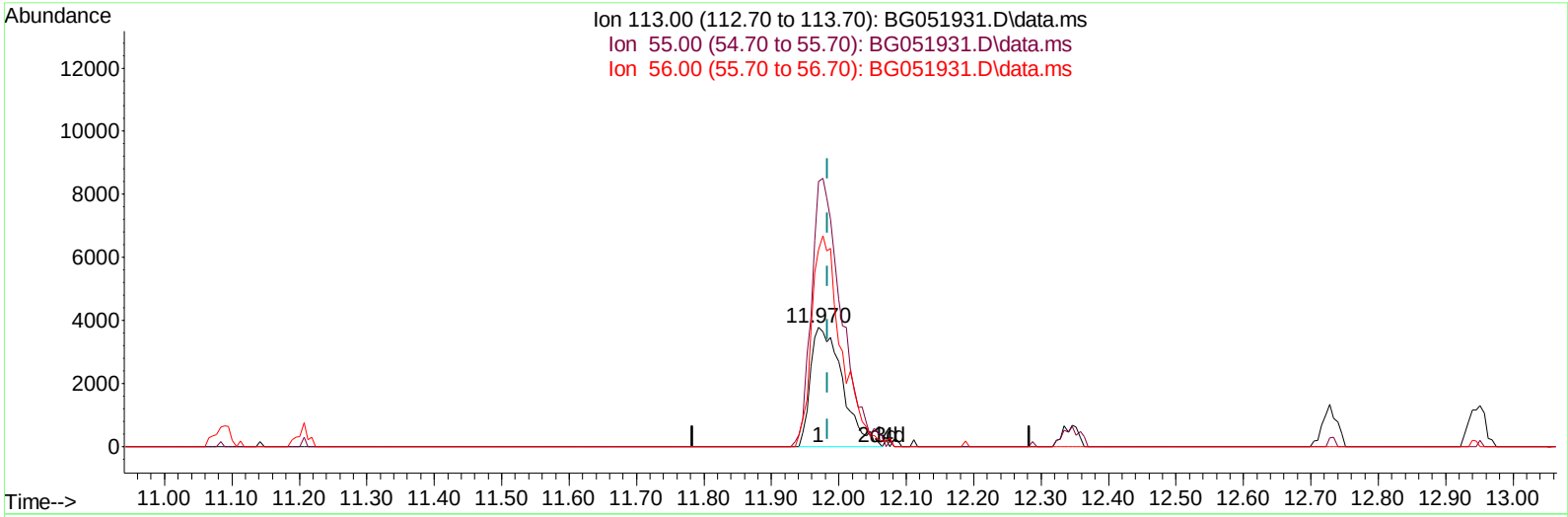

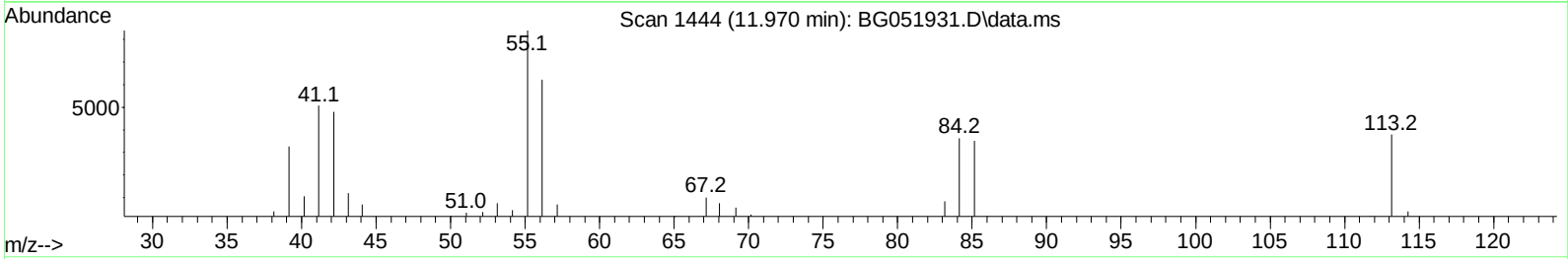

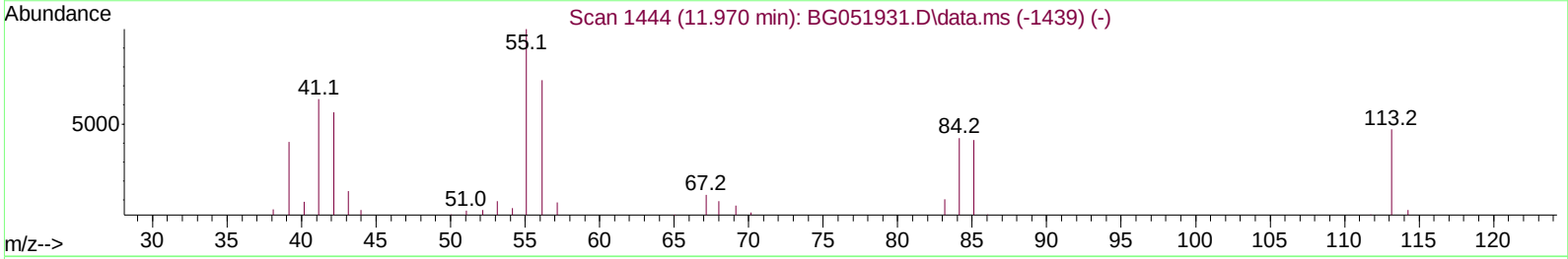

TIC: BG051931.D\data.ms

(34) Caprolactam

11.970min (-0.013) 22.96 ng/ul m

response 12380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	221.92#
56.00	136.50	164.64#
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	8.240	152	18931	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.083	136	82598	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.890	164	64088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	187477	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.957	240	209350	20.000	ng/ul	# 0.00
88) Perylene-d12	25.440	264	217684	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4528	8.547	ng/uL	0.00
4) Pyridine-d5	3.993	84	35831	21.756	ng/ul	-0.01
7) Phenol-d5	7.382	99	38858	20.972	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	25379	21.577	ng/ul	0.00
11) 2-Chlorophenol-d4	7.770	132	26194	21.353	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	30849	21.418	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	13366	20.479	ng/ul	0.00
24) 2-Nitrophenol-d4	10.143	143	14589	20.211	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	29016	20.565	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	40521	20.623	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	111600	21.067	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	133302	20.832	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	20372	23.002	ng/ul	0.00
60) Fluorene-d10	15.877	176	99504	21.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	20703	17.505	ng/ul	0.00
73) Anthracene-d10	17.733	188	190363	21.405	ng/ul	0.00
81) Pyrene-d10	20.012	212	252007	20.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.199	264	239991	20.942	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	5224	8.546	ng/uL	96
5) Pyridine	4.016	79	37364	21.655	ng/ul	98
6) Benzaldehyde	7.365	77	29028	23.552	ng/ul	97
8) Phenol	7.412	94	41055	21.709	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.641	93	28843	20.835	ng/ul	97
12) 2-Chlorophenol	7.805	128	25839	20.705	ng/ul	91
13) 2-Methylphenol	8.681	108	29591	21.517	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.763	45	47787	22.631	ng/ul	98
16) Acetophenone	9.068	105	47535	20.911	ng/ul#	91
17) N-Nitroso-di-n-propyla...	9.051	70	30030	21.624	ng/ul#	89
18) 4-Methylphenol	9.009	108	31752	21.315	ng/ul	95
19) Hexachloroethane	9.350	117	11051	20.511	ng/ul#	64
22) Nitrobenzene	9.456	77	41527	20.513	ng/ul	90
23) Isophorone	9.985	82	76957	20.107	ng/ul	99
25) 2-Nitrophenol	10.179	139	15134	19.077	ng/ul#	78
26) 2,4-Dimethylphenol	10.231	107	36717	21.331	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.466	93	40343	20.473	ng/ul	99
29) 2,4-Dichlorophenol	10.725	162	28696	20.709	ng/ul	96
30) Naphthalene	11.136	128	92494	20.665	ng/ul	96
32) 4-Chloroaniline	11.230	127	42506	21.227	ng/ul	96
33) Hexachlorobutadiene	11.424	225	22650	20.506	ng/ul	95
34) Caprolactam	11.970	113	12380m	22.956	ng/ul	
35) 4-Chloro-3-methylphenol	12.340	107	35472	22.172	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.728	142	68494	21.484 ng/ul	97
37) 1-Methylnaphthalene	12.945	142	69443	21.223 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.092	216	43918	19.816 ng/ul	97
40) Hexachlorocyclopentadiene	13.075	237	24590	16.170 ng/ul	98
41) 2,4,6-Trichlorophenol	13.327	196	27561	19.676 ng/ul	96
42) 2,4,5-Trichlorophenol	13.398	196	31625	20.943 ng/ul	95
43) 1,1'-Biphenyl	13.721	154	98396	19.888 ng/ul	95
44) 2-Chloronaphthalene	13.768	162	76401	19.939 ng/ul	98
45) 2-Nitroaniline	13.962	65	32807	22.341 ng/ul	95
47) Dimethylphthalate	14.326	163	111037	21.258 ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	23661	21.484 ng/ul	89
50) Acenaphthylene	14.614	152	130352	20.687 ng/ul	99
51) 3-Nitroaniline	14.778	138	25123	25.218 ng/ul	89
52) Acenaphthene	14.954	153	86228	20.582 ng/ul	98
53) 2,4-Dinitrophenol	14.984	184	9479	14.598 ng/ul	89
55) 4-Nitrophenol	15.078	109	24056	23.669 ng/ul	88
56) Dibenzofuran	15.283	168	130366	21.425 ng/ul	100
57) 2,4-Dinitrotoluene	15.236	165	37061	23.275 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.507	232	31033	22.157 ng/ul	94
59) Diethylphthalate	15.683	149	118146	21.923 ng/ul	99
61) Fluorene	15.935	166	109224	21.541 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	59294	21.073 ng/ul	95
63) 4-Nitroaniline	15.941	138	27091	26.468 ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.000	198	19006	16.809 ng/ul#	95
67) N-Nitrosodiphenylamine	16.129	169	100628	19.975 ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	41914	19.097 ng/ul	94
69) Hexachlorobenzene	16.946	284	50510	20.751 ng/ul#	89
70) Atrazine	17.069	200	48995	20.963 ng/ul	96
71) Pentachlorophenol	17.287	266	25098	18.463 ng/ul	92
72) Phenanthrene	17.680	178	206053	20.975 ng/ul	99
74) Anthracene	17.768	178	208762	21.230 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.697	216	48437	17.203 ng/uL	99
76) Pentachlorobenzene	15.207	250	48470	17.687 ng/uL	98
77) Carbazole	18.033	167	198388	22.390 ng/ul	98
78) Di-n-butylphthalate	18.579	149	227534	21.724 ng/ul	98
80) Fluoranthene	19.683	202	293566	21.084 ng/ul#	89
82) Pyrene	20.042	202	290921	21.222 ng/ul#	90
83) Butylbenzylphthalate	20.917	149	97195	20.373 ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.839	252	94981	19.654 ng/ul#	98
85) Benzo(a)anthracene	21.939	228	288873	20.982 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	136440	19.556 ng/ul#	99
87) Chrysene	22.010	228	276490	20.856 ng/ul	99
89) Di-n-octyl phthalate	23.126	149	238464	19.831 ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	306174	21.223 ng/ul#	95
91) Benzo(k)fluoranthene	24.400	252	279945	20.988 ng/ul#	95
93) Benzo(a)pyrene	25.276	252	289615	21.213 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.452	276	329139	21.060 ng/ul#	90
95) Dibenzo(a,h)anthracene	29.529	278	280293	21.204 ng/ul#	92
96) Benzo(g,h,i)perylene	30.715	276	276625	21.051 ng/ul#	91

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

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