Quantitation Report (Qedit)

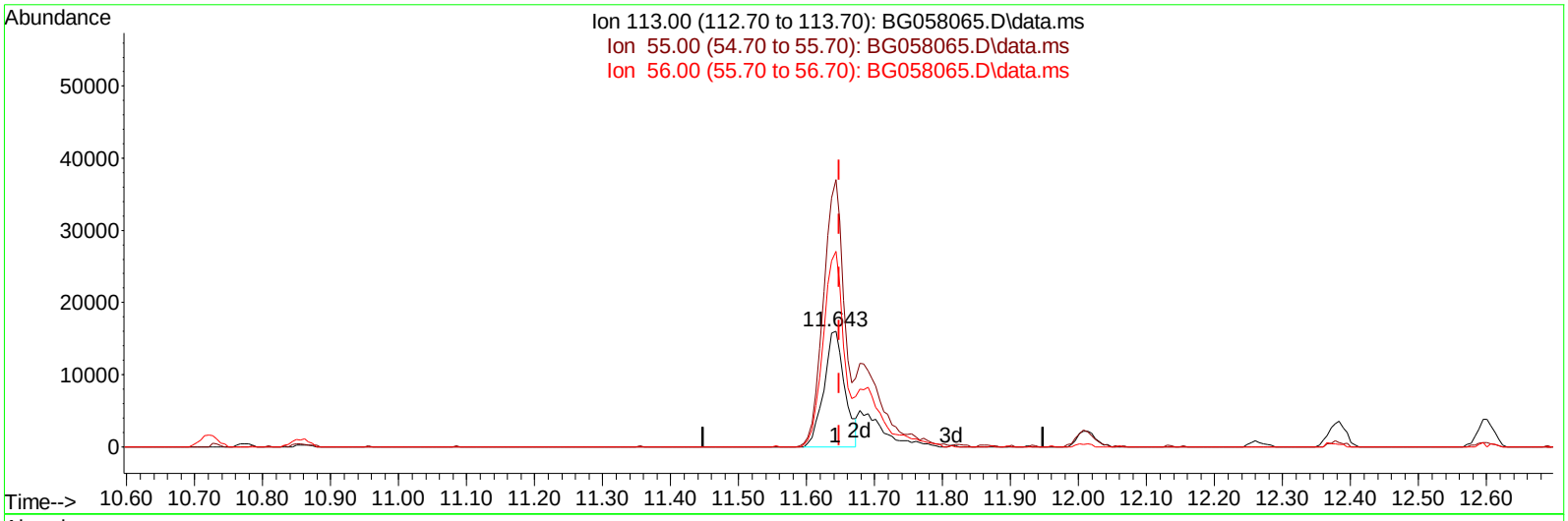
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058065.D
Acq On : 7 Jul 2023 3:38
Operator : CG/JU
Sample : PB153639BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

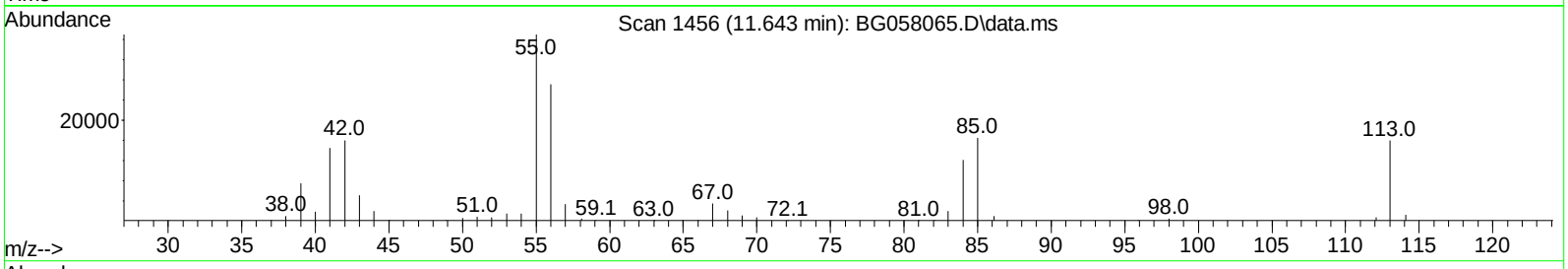
Quant Time: Jul 07 04:25:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

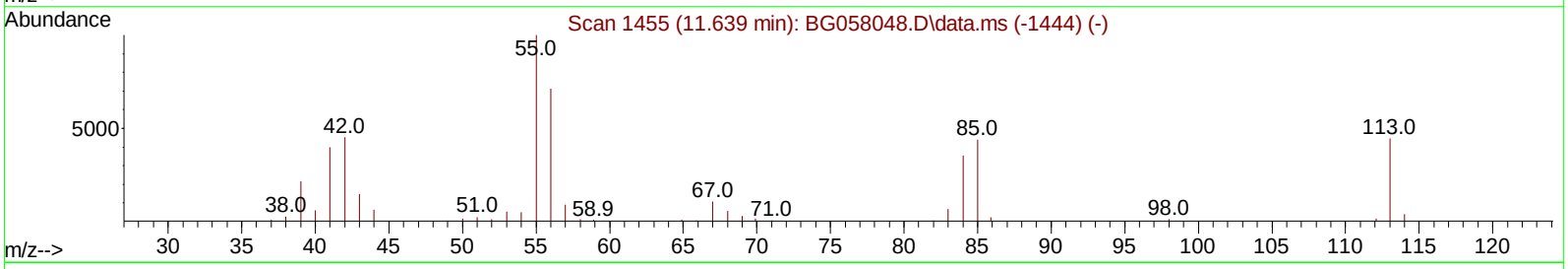
Instrument :
BNA_G
ClientSampleId :
SLCS639

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023







TIC: BG058065.D\data.ms

(34) Caprolactam

11.643min (-0.005) 27.34 ng/ul

response 34321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	231.49
56.00	153.80	169.74
0.00	0.00	0.00

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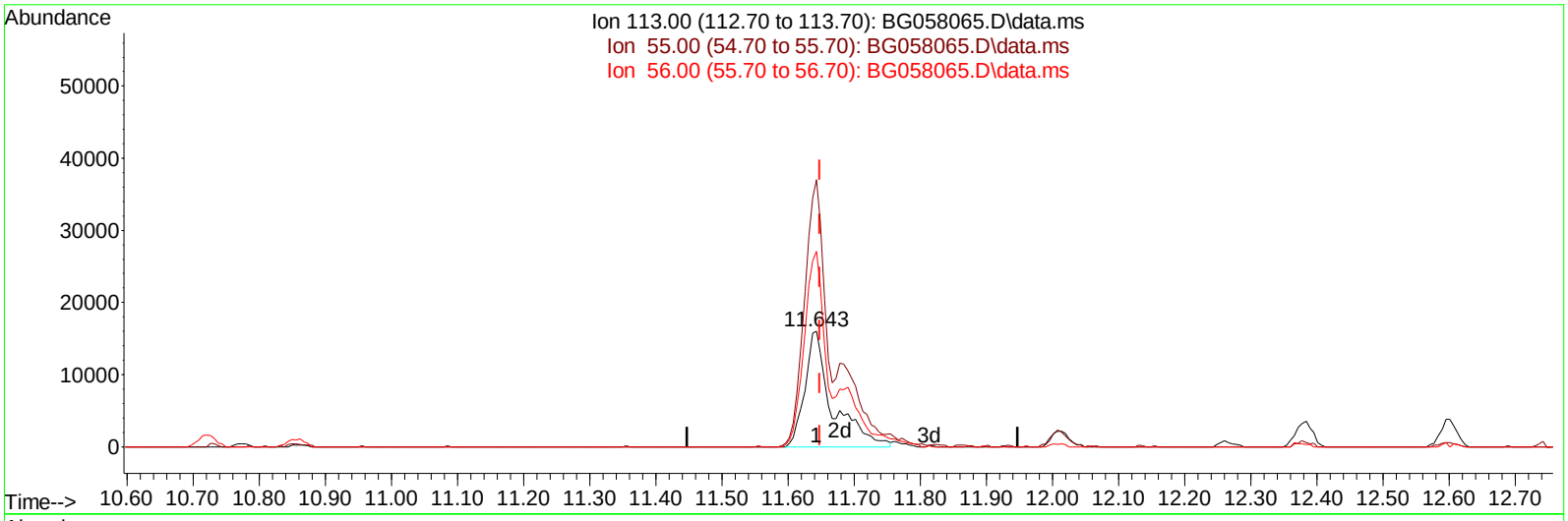

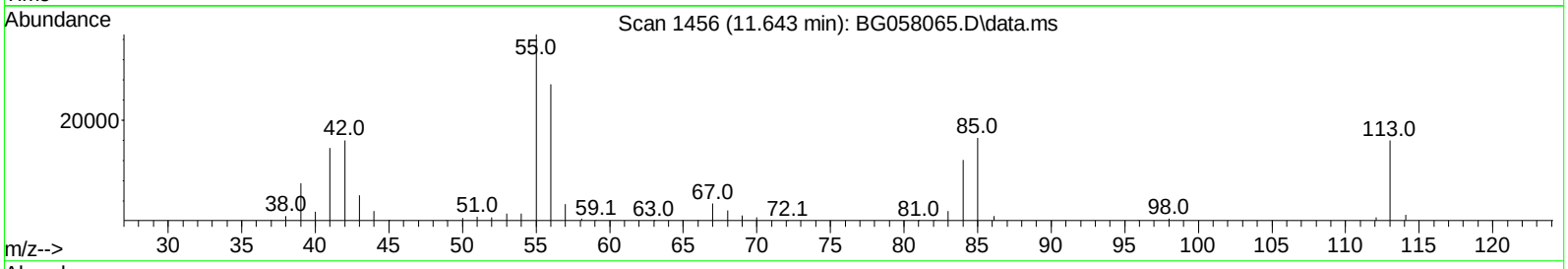

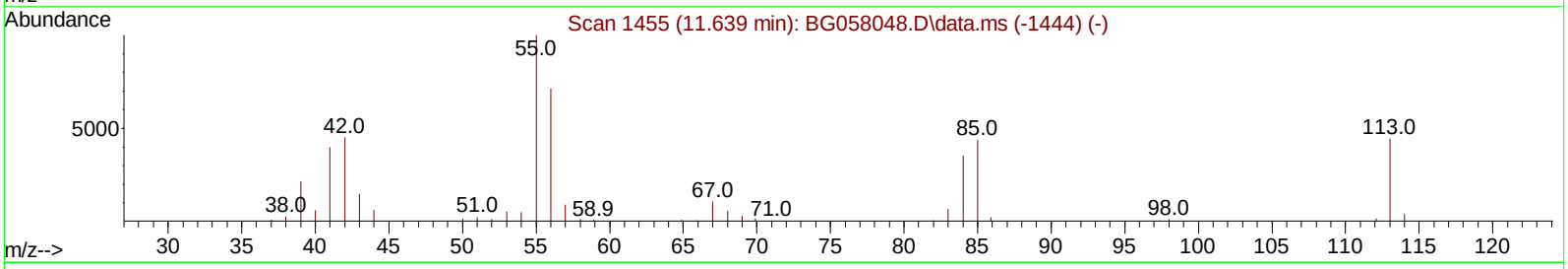

TIC: BG058065.D\data.ms

(34) Caprolactam

11.643min (-0.005) 36.66 ng/ul m

response 46024

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	231.49
56.00	153.80	169.74
0.00	0.00	0.00

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Misc :
ALS Vial : 52 Sample Multiplier: 1

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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	7.918	152	40587	20.000	ng/ul	0.00
20) Naphthalene-d8	10.720	136	195447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	144604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	350734	20.000	ng/ul	0.00
79) Chrysene-d12	21.555	240	297362	20.000	ng/ul	0.00
88) Perylene-d12	24.710	264	384955	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.353	96	7536	6.502	ng/uL	-0.01
4) Pyridine-d5	3.764	84	110582	31.426	ng/ul	-0.01
7) Phenol-d5	7.083	99	149194	35.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.242	67	91215	36.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	105370	36.859	ng/ul	-0.01
15) 4-Methylphenol-d8	8.629	113	118638	37.933	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	57810	36.291	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143	64123	38.301	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	120846	37.627	ng/ul	0.00
31) 4-Chloroaniline-d4	10.856	131	165950	34.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.958	166	414259	36.308	ng/ul	0.00
49) Acenaphthylene-d8	14.252	160	452499	36.344	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	70986	35.215	ng/ul	0.00
60) Fluorene-d10	15.544	176	354764	36.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	73672	38.683	ng/ul	0.00
73) Anthracene-d10	17.401	188	572148	35.155	ng/ul	0.00
81) Pyrene-d10	19.686	212	670632	35.809	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.492	264	710449	36.224	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	16554	11.561	ng/uL	96
5) Pyridine	3.781	79	112466	31.194	ng/ul	98
6) Benzaldehyde	7.054	77	85200	61.550	ng/ul	97
8) Phenol	7.107	94	158688	37.727	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.336	93	116004	35.719	ng/ul	99
12) 2-Chlorophenol	7.483	128	107563	36.157	ng/ul	98
13) 2-Methylphenol	8.358	108	122626	37.121	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.441	45	190289	38.063	ng/ul	97
16) Acetophenone	8.740	105	194623	37.507	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.723	70	104202	37.564	ng/ul	98
18) 4-Methylphenol	8.687	108	137119	38.388	ng/ul	98
19) Hexachloroethane	8.999	117	40438	35.458	ng/ul	98
22) Nitrobenzene	9.122	77	145749	35.245	ng/ul	94
23) Isophorone	9.645	82	318940	36.145	ng/ul	98
25) 2-Nitrophenol	9.833	139	67141	37.374	ng/ul	95
26) 2,4-Dimethylphenol	9.892	107	139962	34.647	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.127	93	174510	35.096	ng/ul	99
29) 2,4-Dichlorophenol	10.368	162	115280	36.917	ng/ul	94
30) Naphthalene	10.773	128	378801	34.488	ng/ul	97
32) 4-Chloroaniline	10.879	127	144552	29.032	ng/ul	99
33) Hexachlorobutadiene	11.055	225	78579	35.544	ng/ul	93
34) Caprolactam	11.643	113	46024m	36.659	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	150311	39.186	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.383	142	262504	35.454 ng/ul	96
37) 1-Methylnaphthalene	12.601	142	270402	36.419 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	155351	35.253 ng/ul	99
40) Hexachlorocyclopentadiene	12.724	237	90537	32.618 ng/ul	98
41) 2,4,6-Trichlorophenol	12.988	196	107229	35.902 ng/ul	96
42) 2,4,5-Trichlorophenol	13.065	196	119224	36.911 ng/ul	98
43) 1,1'-Biphenyl	13.388	154	359454	34.494 ng/ul	99
44) 2-Chloronaphthalene	13.435	162	292708	34.999 ng/ul	99
45) 2-Nitroaniline	13.635	65	110797	38.103 ng/ul	98
47) Dimethylphthalate	14.005	163	404199	35.262 ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	87452	37.168 ng/ul	96
50) Acenaphthylene	14.281	152	467606	34.780 ng/ul	98
51) 3-Nitroaniline	14.463	138	83867	42.179 ng/ul	99
52) Acenaphthene	14.622	153	319477	34.629 ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	47476	38.704 ng/ul	98
55) 4-Nitrophenol	14.774	109	52990	35.485 ng/ul	90
56) Dibenzofuran	14.957	168	466307	35.556 ng/ul	100
57) 2,4-Dinitrotoluene	14.921	165	125228	37.565 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.180	232	104436	35.517 ng/ul	99
59) Diethylphthalate	15.368	149	420160	35.119 ng/ul	100
61) Fluorene	15.603	166	376329	34.973 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.591	204	204992	36.003 ng/ul	98
63) 4-Nitroaniline	15.626	138	87065	48.879 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.685	198	74077	38.035 ng/ul	99
67) N-Nitrosodiphenylamine	15.809	169	331390	35.503 ng/ul	98
68) 4-Bromophenyl-phenylether	16.490	248	143221	37.201 ng/ul	97
69) Hexachlorobenzene	16.608	284	164696	38.209 ng/ul	96
70) Atrazine	16.755	200	62224	16.302 ng/ul	94
71) Pentachlorophenol	16.948	266	85613	33.084 ng/ul	96
72) Phenanthrene	17.342	178	618304	34.657 ng/ul	99
74) Anthracene	17.436	178	622444	34.477 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.353	216	164873	35.445 ng/uL	99
76) Pentachlorobenzene	14.874	250	180787	36.391 ng/uL	97
77) Carbazole	17.706	167	568094	34.792 ng/ul	99
78) Di-n-butylphthalate	18.259	149	722900	34.756 ng/ul	100
80) Fluoranthene	19.351	202	748914	34.511 ng/ul	100
82) Pyrene	19.716	202	744666	34.090 ng/ul	99
83) Butylbenzylphthalate	20.603	149	315199	35.584 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.455	252	283621	39.398 ng/ul	97
85) Benzo(a)anthracene	21.537	228	763162	35.744 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.437	149	452084	35.615 ng/ul	97
87) Chrysene	21.602	228	727374	36.341 ng/ul	98
89) Di-n-octyl phthalate	22.624	149	811172	34.295 ng/ul	100
90) Benzo(b)fluoranthene	23.705	252	831287	34.876 ng/ul	98
91) Benzo(k)fluoranthene	23.770	252	796945	34.112 ng/ul	99
93) Benzo(a)pyrene	24.563	252	720915	34.172 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.300	276	981247	35.026 ng/ul	98
95) Dibenzo(a,h)anthracene	28.364	278	818412	35.427 ng/ul	97
96) Benzo(g,h,i)perylene	29.428	276	801256	35.017 ng/ul	98

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

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