Quantitation Report (Qedit)

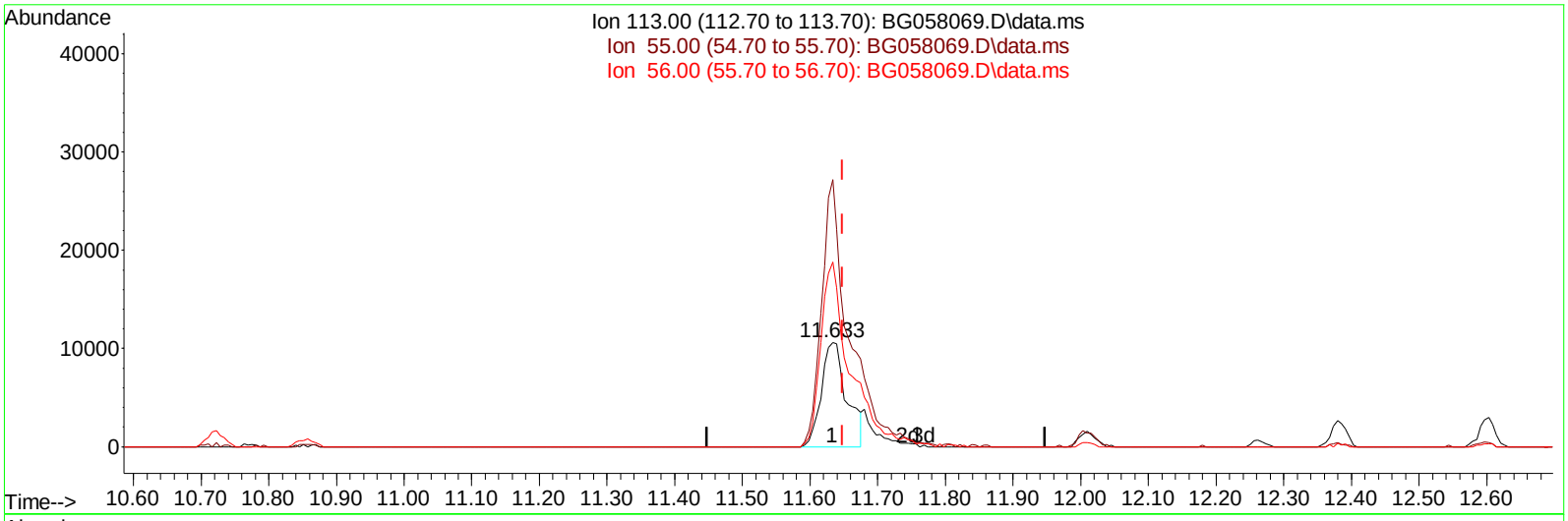
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058069.D
Acq On : 7 Jul 2023 10:41
Operator : CG/JU
Sample : PB153583BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

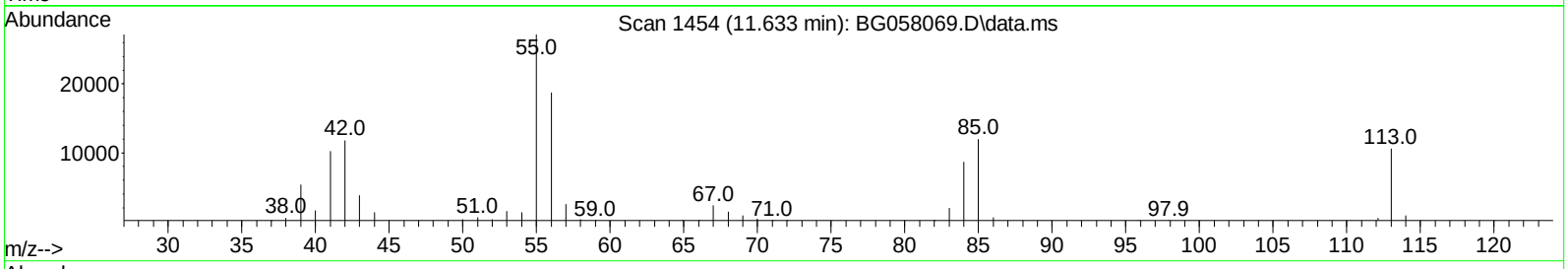
Quant Time: Jul 07 11:35:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

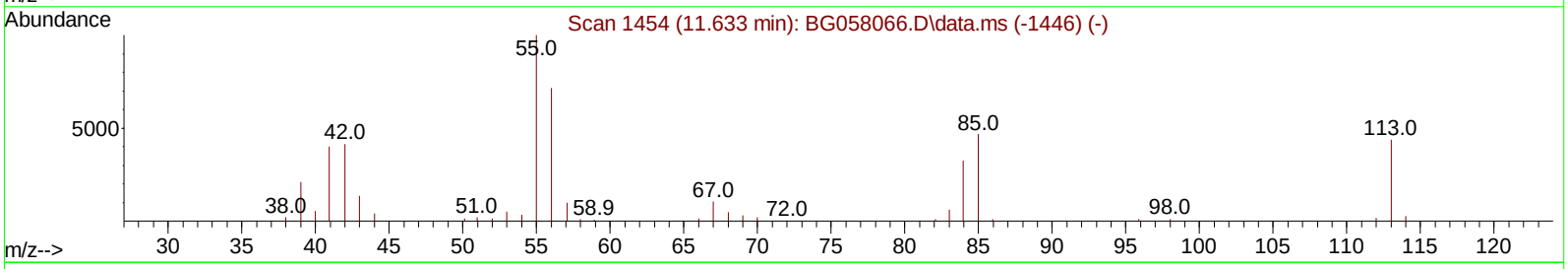
Instrument :
BNA_G
ClientSampleId :
SLCS583

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023







TIC: BG058069.D\data.ms

(34) Caprolactam

11.633min (-0.015) 23.56 ng/ul

response 27742

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	255.68
56.00	153.80	176.72
0.00	0.00	0.00

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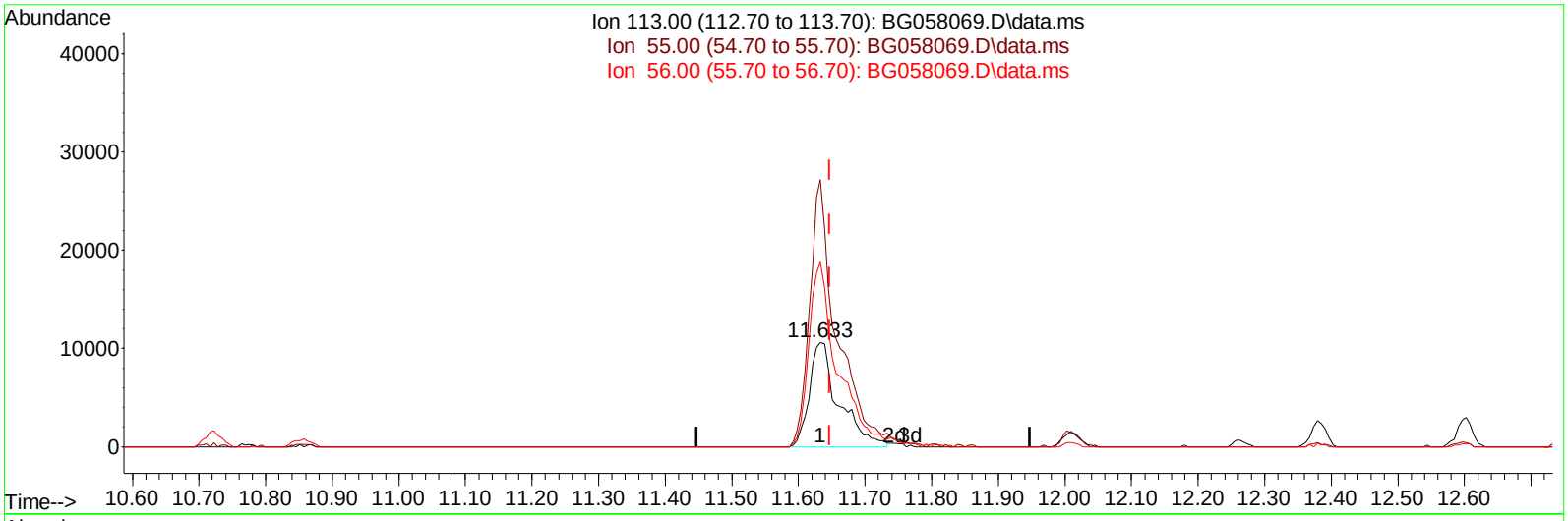

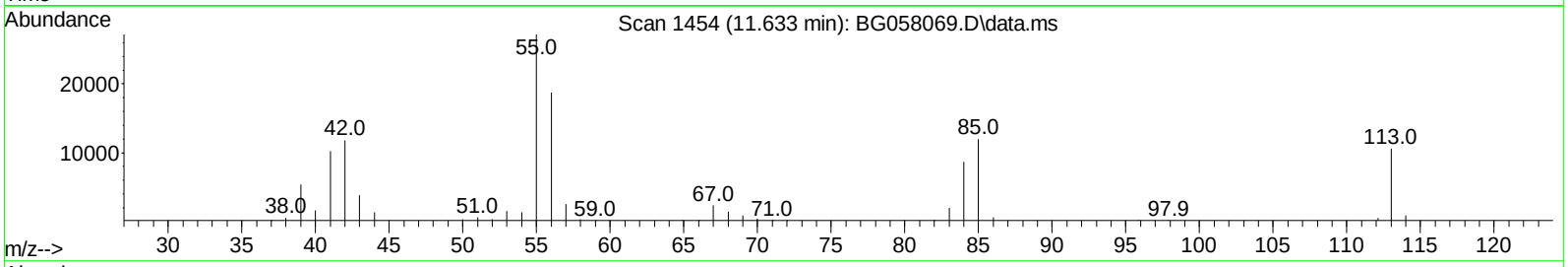

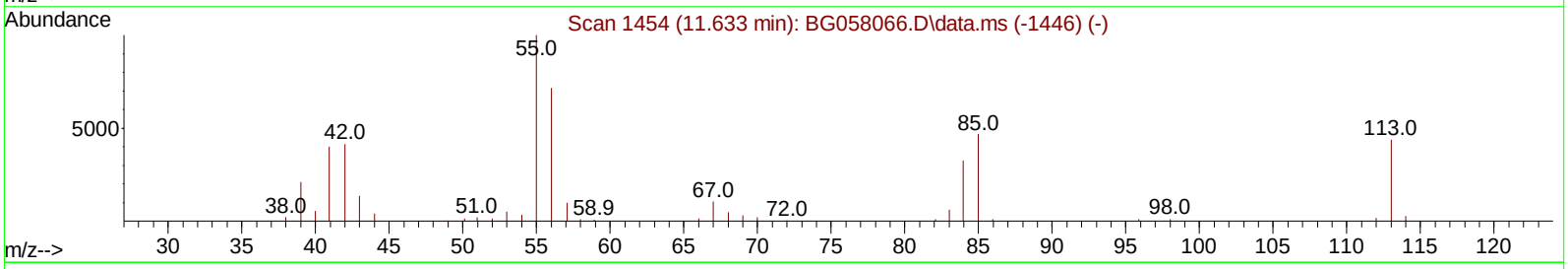

TIC: BG058069.D\data.ms

(34) Caprolactam

11.633min (-0.015) 27.67 ng/ul m

response 32587

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	255.68
56.00	153.80	176.72
0.00	0.00	0.00

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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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	7.920	152	38614	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	183315	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.559	164	135380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.303	188	334555	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	292256	20.000	ng/ul	0.00
88) Perylene-d12	24.712	264	368191	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	5856	5.310	ng/uL	0.00
4) Pyridine-d5	3.766	84	82422	24.620	ng/ul	0.00
7) Phenol-d5	7.080	99	109722	27.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	68090	28.652	ng/ul	0.00
11) 2-Chlorophenol-d4	7.450	132	76156	28.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.625	113	87944	29.556	ng/ul	0.00
21) Nitrobenzene-d5	9.077	128	40952	27.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.800	143	46743	29.767	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	88532	29.390	ng/ul	0.00
31) 4-Chloroaniline-d4	10.858	131	108904	23.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.960	166	311334	29.147	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	339040	29.087	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	51212	27.137	ng/ul	0.00
60) Fluorene-d10	15.546	176	265213	29.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	55515	30.559	ng/ul	0.00
73) Anthracene-d10	17.403	188	425546	27.412	ng/ul	0.00
81) Pyrene-d10	19.688	212	523399	28.436	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.494	264	548094	29.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	12290	9.022	ng/uL#	88
5) Pyridine	3.783	79	82463	24.041	ng/ul	96
6) Benzaldehyde	7.056	77	54704	41.538	ng/ul	96
8) Phenol	7.109	94	112440	28.098	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.338	93	82232	26.614	ng/ul	98
12) 2-Chlorophenol	7.479	128	75276	26.597	ng/ul	98
13) 2-Methylphenol	8.360	108	84125	26.767	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.443	45	134689	28.318	ng/ul	98
16) Acetophenone	8.736	105	140712	28.503	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.719	70	74342	28.169	ng/ul	96
18) 4-Methylphenol	8.689	108	94774	27.889	ng/ul	96
19) Hexachloroethane	9.001	117	28550	26.313	ng/ul	95
22) Nitrobenzene	9.118	77	105478	27.194	ng/ul	99
23) Isophorone	9.641	82	226606	27.380	ng/ul	98
25) 2-Nitrophenol	9.835	139	45716	27.132	ng/ul	87
26) 2,4-Dimethylphenol	9.894	107	84693	22.353	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.123	93	123075	26.390	ng/ul	99
29) 2,4-Dichlorophenol	10.370	162	80700	27.553	ng/ul	93
30) Naphthalene	10.775	128	273175	26.517	ng/ul	98
32) 4-Chloroaniline	10.881	127	99407	21.287	ng/ul	97
33) Hexachlorobutadiene	11.051	225	54813	26.435	ng/ul	96
34) Caprolactam	11.633	113	32587m	27.674	ng/ul	
35) 4-Chloro-3-methylphenol	12.009	107	104182	28.957	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.379	142	186578	26.867	ng/ul	93
37) 1-Methylnaphthalene	12.603	142	192714	27.673	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.749	216	111279	26.973	ng/ul	99
40) Hexachlorocyclopentadiene	12.726	237	53169	20.460	ng/ul	99
41) 2,4,6-Trichlorophenol	12.990	196	71311	25.503	ng/ul	96
42) 2,4,5-Trichlorophenol	13.067	196	78573	25.983	ng/ul	99
43) 1,1'-Biphenyl	13.390	154	260509	26.702	ng/ul	99
44) 2-Chloronaphthalene	13.431	162	207636	26.518	ng/ul	99
45) 2-Nitroaniline	13.637	65	76132	27.966	ng/ul	99
47) Dimethylphthalate	14.007	163	290669	27.085	ng/ul	100
48) 2,6-Dinitrotoluene	14.130	165	63499	28.827	ng/ul	97
50) Acenaphthylene	14.283	152	335930	26.688	ng/ul	99
51) 3-Nitroaniline	14.459	138	57726	31.010	ng/ul	94
52) Acenaphthene	14.624	153	232549	26.924	ng/ul	97
53) 2,4-Dinitrophenol	14.671	184	32202	28.041	ng/ul	97
55) 4-Nitrophenol	14.776	109	37993	27.176	ng/ul	85
56) Dibenzofuran	14.953	168	334088	27.210	ng/ul	98
57) 2,4-Dinitrotoluene	14.917	165	90474	28.989	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.182	232	64128	23.295	ng/ul	96
59) Diethylphthalate	15.370	149	304349	27.172	ng/ul	99
61) Fluorene	15.605	166	273333	27.132	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.593	204	149728	28.089	ng/ul	99
63) 4-Nitroaniline	15.623	138	61988	37.172	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.681	198	52612	28.320	ng/ul	96
67) N-Nitrosodiphenylamine	15.811	169	234871	26.379	ng/ul	96
68) 4-Bromophenyl-phenylether	16.492	248	104144	28.359	ng/ul	97
69) Hexachlorobenzene	16.610	284	117872	28.668	ng/ul	98
70) Atrazine	16.751	200	12131	3.332	ng/ul	93
71) Pentachlorophenol	16.950	266	50331	20.390	ng/ul	96
72) Phenanthrene	17.344	178	453970	26.676	ng/ul	98
74) Anthracene	17.438	178	444766	25.827	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.355	216	116054	26.156	ng/uL	99
76) Pentachlorobenzene	14.876	250	128783	27.177	ng/uL	99
77) Carbazole	17.708	167	422990	27.159	ng/ul	100
78) Di-n-butylphthalate	18.261	149	537658	27.100	ng/ul	100
80) Fluoranthene	19.353	202	560886	26.298	ng/ul	99
82) Pyrene	19.718	202	559503	26.061	ng/ul	99
83) Butylbenzylphthalate	20.599	149	234869	26.978	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	203103	28.706	ng/ul	97
85) Benzo(a)anthracene	21.539	228	572876	27.300	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	338065	27.098	ng/ul	98
87) Chrysene	21.604	228	550891	28.005	ng/ul	99
89) Di-n-octyl phthalate	22.626	149	606240	26.798	ng/ul	100
90) Benzo(b)fluoranthene	23.707	252	614262	26.944	ng/ul	99
91) Benzo(k)fluoranthene	23.778	252	605544	27.099	ng/ul	98
93) Benzo(a)pyrene	24.565	252	543731	26.947	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.308	276	722845	26.977	ng/ul	98
95) Dibenzo(a,h)anthracene	28.366	278	608725	27.550	ng/ul	98
96) Benzo(g,h,i)perylene	29.436	276	588907	26.908	ng/ul	98

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

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