Quantitation Report (Qedit)

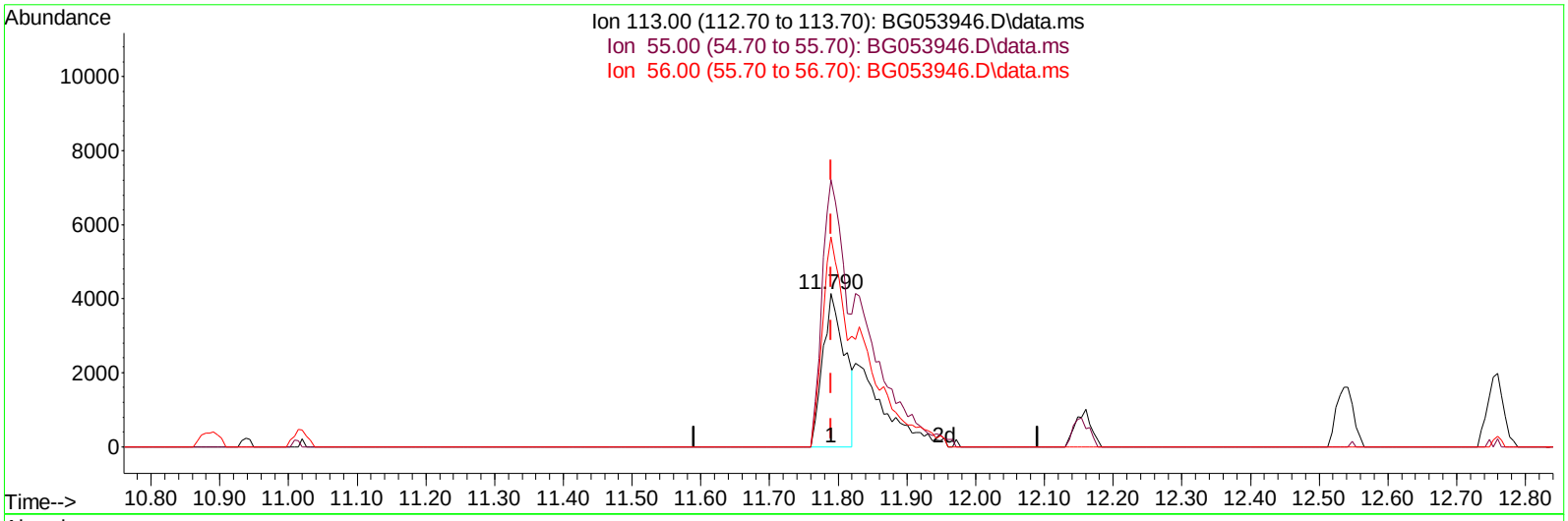
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053946.D
Acq On : 20 Jun 2022 13:26
Operator : CG/JU
Sample : SSTD04031
Misc :
ALS Vial : 5 Sample Multiplier: 1

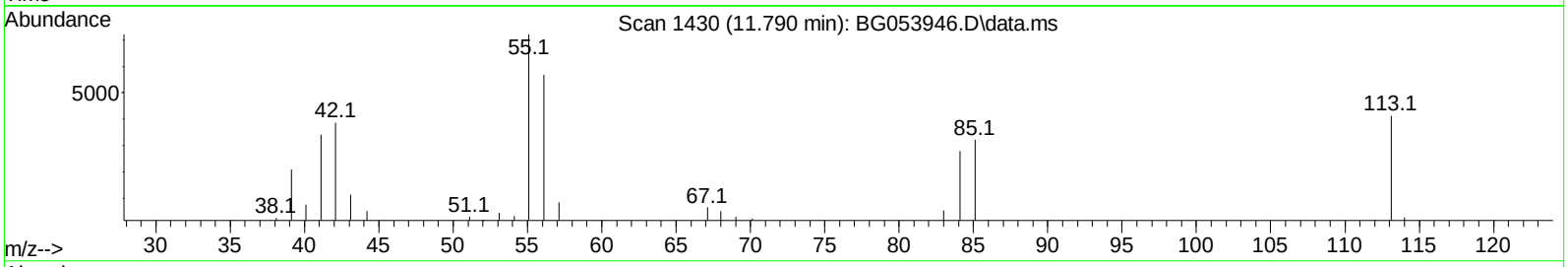
Quant Time: Jun 20 14:10:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 14:06:57 2022
Response via : Initial Calibration

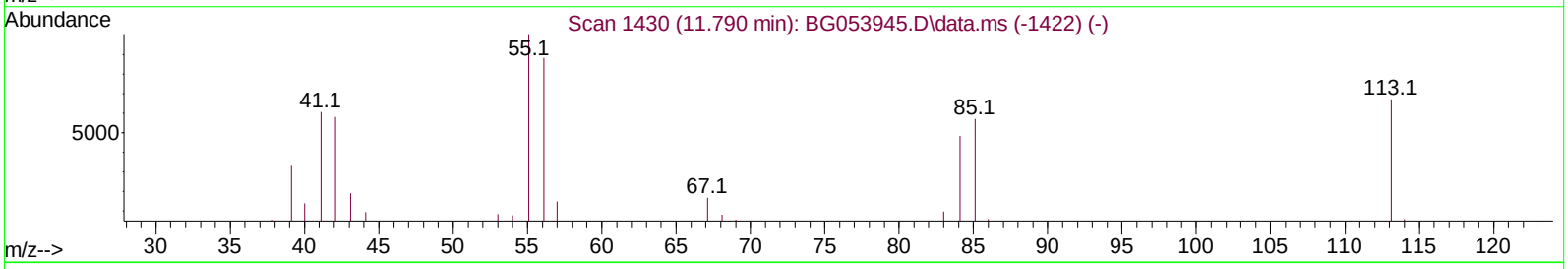
Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022







TIC: BG053946.D\data.ms

(34) Caprolactam

11.790min (-0.000) 28.08 ng/ul

response 9161

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	174.35
56.00	159.50	137.09
0.00	0.00	0.00

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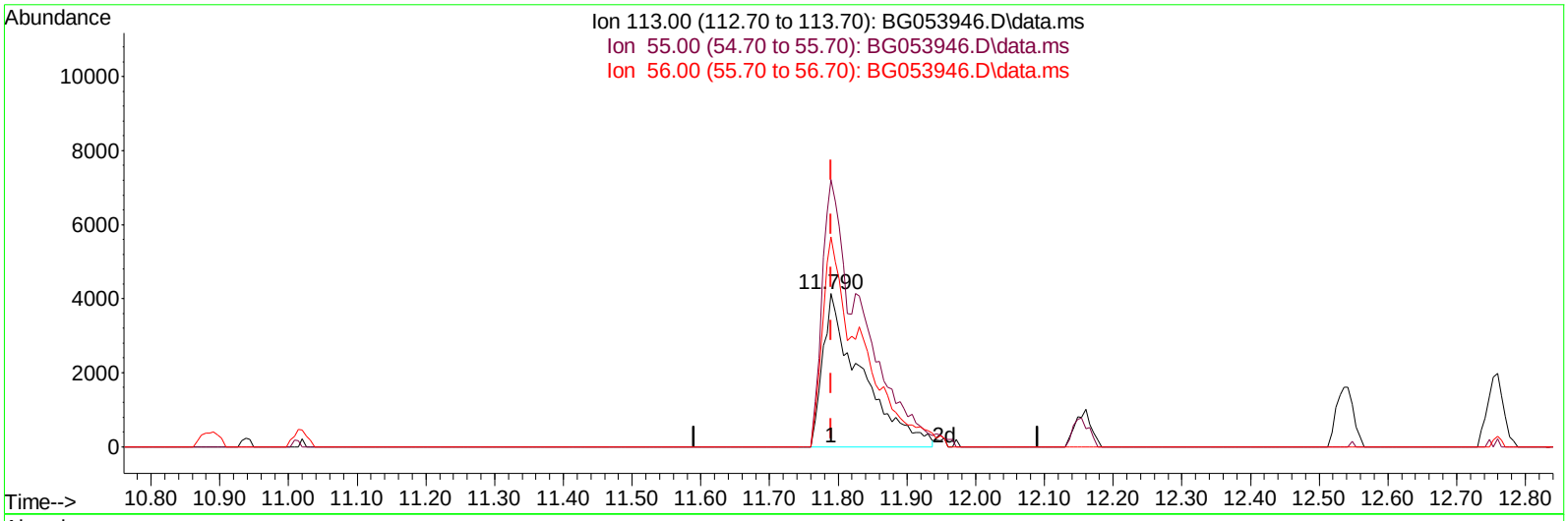

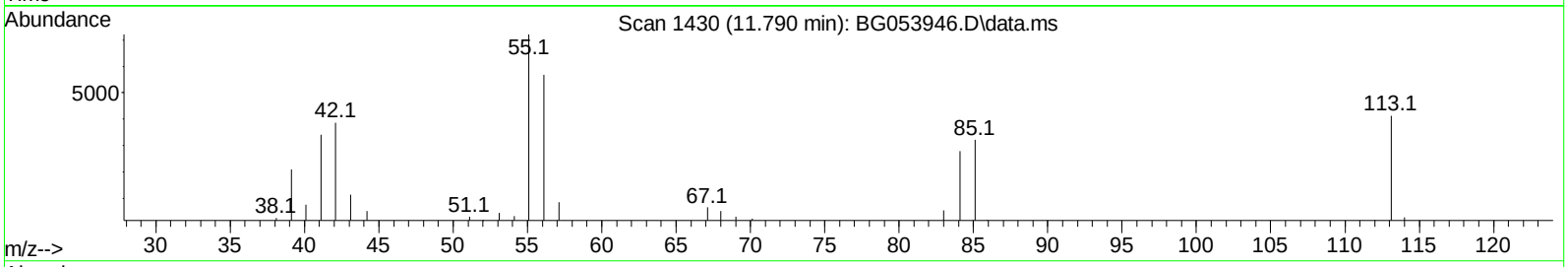

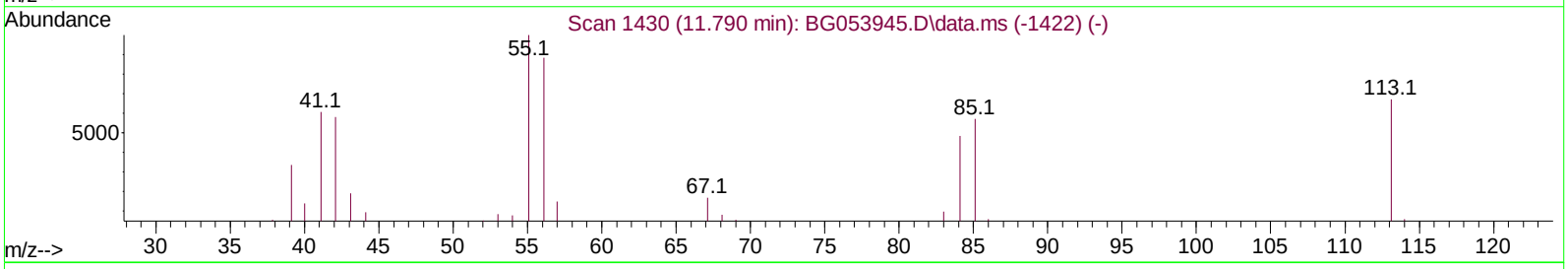

TIC: BG053946.D\data.ms

(34) Caprolactam

11.790min (-0.000) 49.15 ng/ul m

response 16036

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	174.35
56.00	159.50	137.09
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	8.077	152	18803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	72951	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	55920	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	150878	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.725	240	170652	20.000	ng/ul	# 0.00
88) Perylene-d12	24.980	264	175081	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.500	96	6656	13.389	ng/uL	0.00
4) Pyridine-d5	3.917	84	45758	41.749	ng/ul	0.00
7) Phenol-d5	7.230	99	56166	39.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	33372	36.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.612	132	45449	39.975	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	46917	39.611	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	23291	53.410	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	25686	59.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	55614	47.311	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	67600	41.919	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	187032	43.525	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	202197	42.110	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	26330	44.563	ng/ul	0.00
60) Fluorene-d10	15.691	176	166320	44.195	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	34666	57.467	ng/ul	0.00
73) Anthracene-d10	17.548	188	284700	41.777	ng/ul	0.00
81) Pyrene-d10	19.827	212	379080	41.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	387483	44.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	7149	13.671	ng/uL#	78
5) Pyridine	3.934	79	45490	39.250	ng/ul	94
6) Benzaldehyde	7.213	77	33069	43.908	ng/ul	95
8) Phenol	7.260	94	58924	38.497	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.495	93	44442	37.914	ng/ul	88
12) 2-Chlorophenol	7.642	128	46088	39.609	ng/ul	99
13) 2-Methylphenol	8.511	108	45724	38.888	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.605	45	64563	32.773	ng/ul	97
16) Acetophenone	8.899	105	72896	39.404	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.887	70	38486	37.270	ng/ul	100
18) 4-Methylphenol	8.840	108	47916	38.553	ng/ul	97
19) Hexachloroethane	9.169	117	19129	38.782	ng/ul	88
22) Nitrobenzene	9.281	77	55109	48.457	ng/ul	96
23) Isophorone	9.804	82	106225	39.606	ng/ul	99
25) 2-Nitrophenol	9.992	139	26570	57.691	ng/ul#	90
26) 2,4-Dimethylphenol	10.051	107	56242	40.451	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.286	93	60105	38.972	ng/ul	96
29) 2,4-Dichlorophenol	10.527	162	54463	46.718	ng/ul#	93
30) Naphthalene	10.938	128	150398	40.733	ng/ul	99
32) 4-Chloroaniline	11.038	127	66530	41.871	ng/ul	99
33) Hexachlorobutadiene	11.232	225	53024	54.803	ng/ul	97
34) Caprolactam	11.790	113	16036m	49.147	ng/ul	
35) 4-Chloro-3-methylphenol	12.154	107	51727	42.050	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.536	142	112153	43.006	ng/ul	91
37) 1-Methylnaphthalene	12.759	142	112111	43.209	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.906	216	95935	49.046	ng/ul	96
40) Hexachlorocyclopentadiene	12.889	237	54791	41.202	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.135	196	52164	46.802	ng/ul	95
42) 2,4,5-Trichlorophenol	13.212	196	57501	47.963	ng/ul	95
43) 1,1'-Biphenyl	13.541	154	162314	40.126	ng/ul	98
44) 2-Chloronaphthalene	13.582	162	133859	42.482	ng/ul	98
45) 2-Nitroaniline	13.776	65	36084	53.864	ng/ul	98
47) Dimethylphthalate	14.152	163	177869	43.230	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	37433	62.347	ng/ul	90
50) Acenaphthylene	14.428	152	207318	40.275	ng/ul	99
51) 3-Nitroaniline	14.598	138	31141	54.167	ng/ul#	91
52) Acenaphthene	14.769	153	136668	40.002	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	16775	52.960	ng/ul#	62
55) 4-Nitrophenol	14.898	109	26094	46.797	ng/ul	89
56) Dibenzofuran	15.098	168	210285	42.552	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	55117	65.719	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.327	232	53042	49.936	ng/ul#	94
59) Diethylphthalate	15.515	149	177041	41.586	ng/ul	97
61) Fluorene	15.750	166	171853	42.437	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.738	204	108105	47.583	ng/ul	94
63) 4-Nitroaniline	15.756	138	30975	55.813	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.820	198	34245	61.035	ng/ul	100
67) N-Nitrosodiphenylamine	15.950	169	155726	37.799	ng/ul	97
68) 4-Bromophenyl-phenylether	16.631	248	80204	47.938	ng/ul	96
69) Hexachlorobenzene	16.755	284	91259	50.518	ng/ul	93
70) Atrazine	16.896	200	78303	43.086	ng/ul	96
71) Pentachlorophenol	17.095	266	39924	37.186	ng/ul	89
72) Phenanthrene	17.489	178	315948	40.590	ng/ul	99
74) Anthracene	17.577	178	315901	39.772	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.505	216	103294	43.290	ng/uL	93
76) Pentachlorobenzene	15.021	250	100483	46.885	ng/uL	96
77) Carbazole	17.842	167	266206	38.449	ng/ul	99
78) Di-n-butylphthalate	18.406	149	308205	35.601	ng/ul	99
80) Fluoranthene	19.498	202	426946	40.438	ng/ul#	92
82) Pyrene	19.857	202	415393	39.692	ng/ul#	94
83) Butylbenzylphthalate	20.738	149	131322	34.480	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	156898	41.323	ng/ul	96
85) Benzo(a)anthracene	21.702	228	439379	40.720	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	187705	33.562	ng/ul	98
87) Chrysene	21.772	228	422902	41.004	ng/ul	99
89) Di-n-octyl phthalate	22.836	149	326982	34.326	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	472607	43.026	ng/ul#	97
91) Benzo(k)fluoranthene	24.017	252	439332	41.994	ng/ul#	98
93) Benzo(a)pyrene	24.833	252	453167	42.717	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.711	276	551041	45.282	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.776	278	462489	44.261	ng/ul#	96
96) Benzo(g,h,i)perylene	29.875	276	460481	44.865	ng/ul#	94

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

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