Quantitation Report (Qedit)

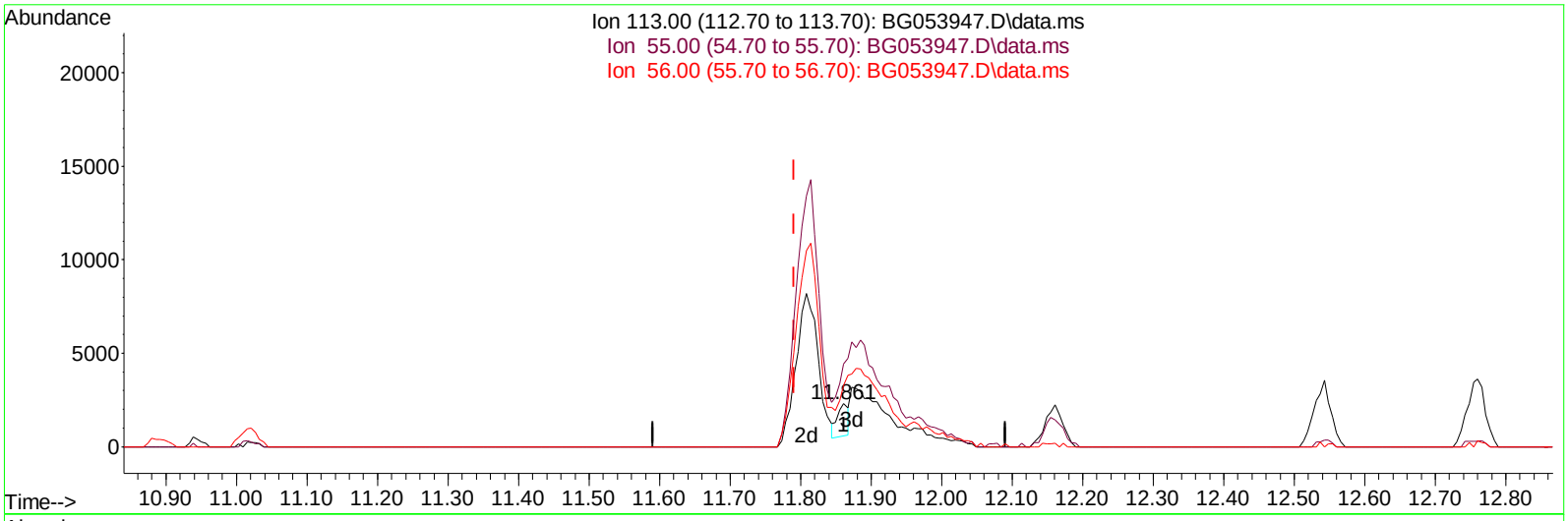
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053947.D
Acq On : 20 Jun 2022 14:05
Operator : CG/JU
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

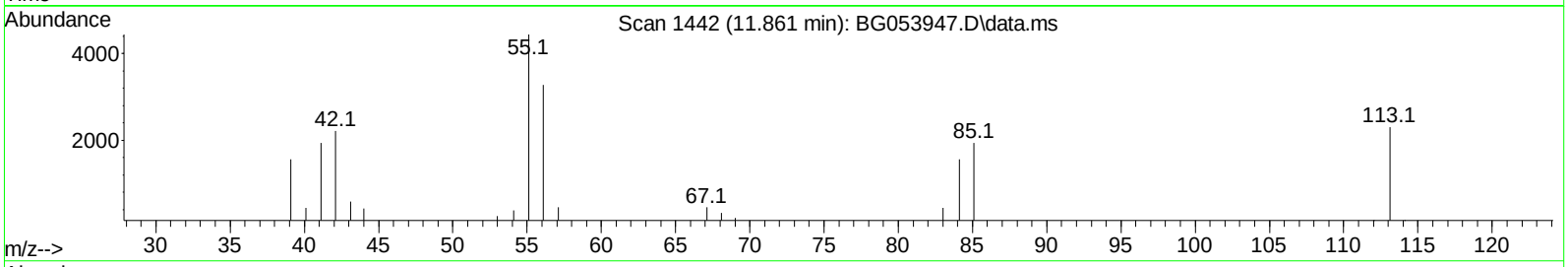
Quant Time: Jun 20 15:09:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 14:06:57 2022
Response via : Initial Calibration

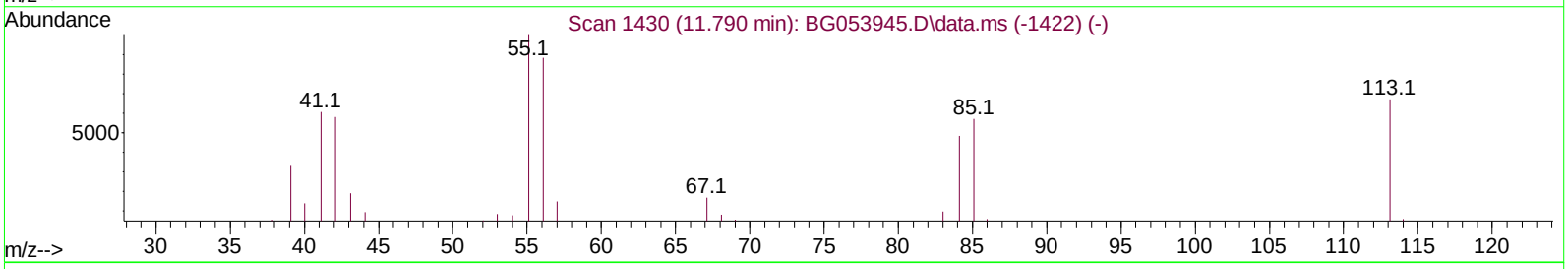
Instrument :
BNA_G
ClientSampleId :
SSTD080432

Manual IntegrationsAPPROVED

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







TIC: BG053947.D\data.ms

(34) Caprolactam

11.861min (+ 0.071) 5.67 ng/ul

response 1932

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	192.83
56.00	159.50	142.27
0.00	0.00	0.00

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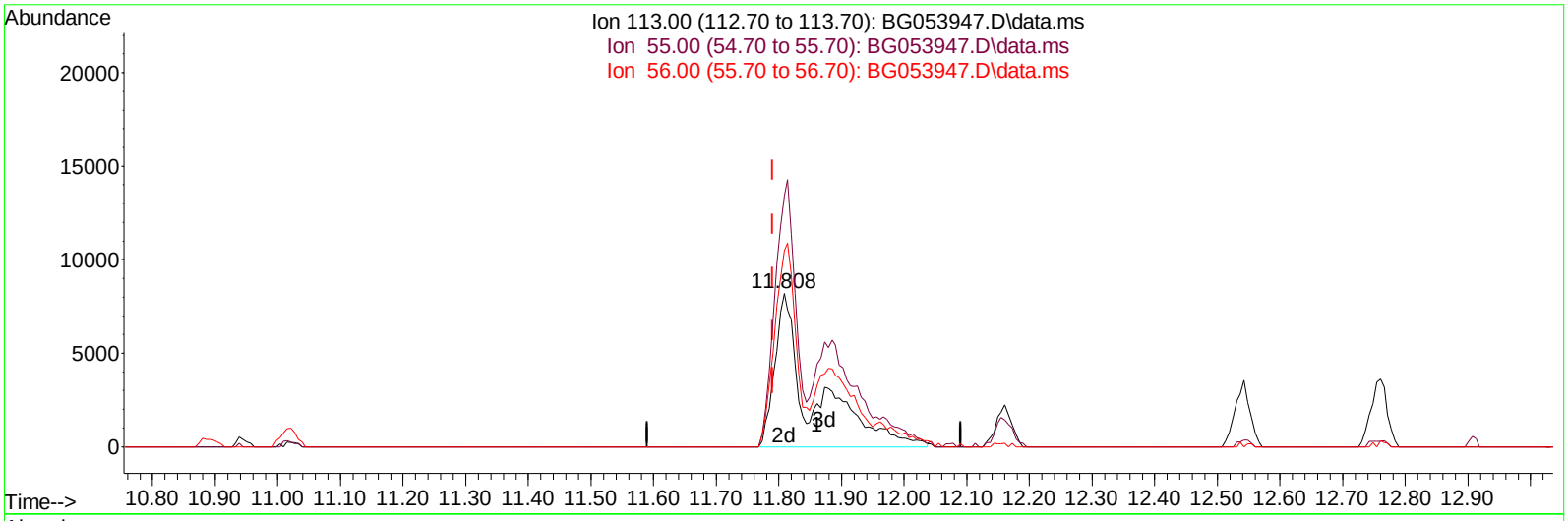

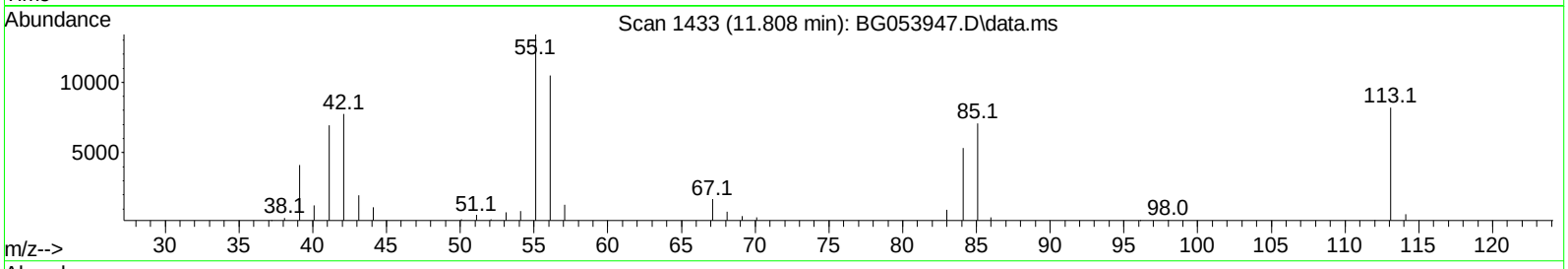

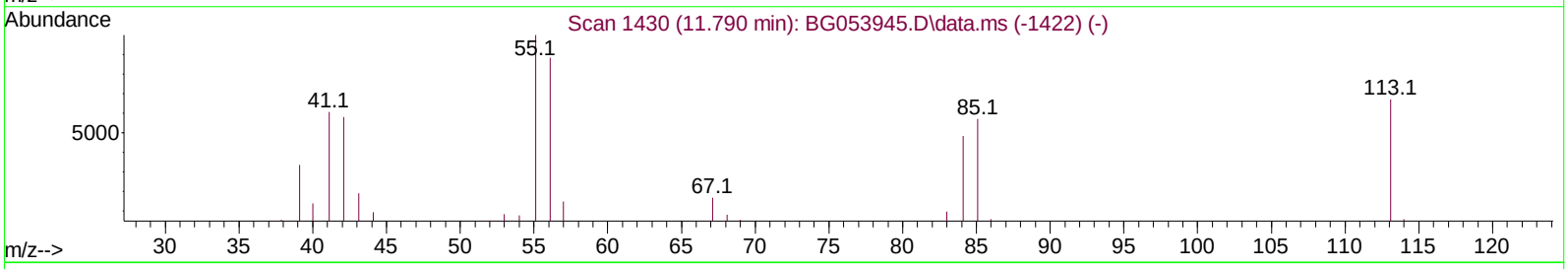

TIC: BG053947.D\data.ms

(34) Caprolactam

11.808min (+ 0.018) 100.22 ng/ul m

response 34138

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	163.21#
56.00	159.50	127.85
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	8.083	152	19619	20.000	ng/ul	0.00
20) Naphthalene-d8	10.892	136	76159	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.705	164	58190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	156912	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.726	240	171970	20.000	ng/ul	# 0.00
88) Perylene-d12	24.987	264	183723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.506	96	14423	27.807	ng/uL	0.00
4) Pyridine-d5	3.912	84	98175	85.847	ng/ul	0.00
7) Phenol-d5	7.231	99	118066	79.133	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	69630	72.200	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	96276	81.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	98967	80.080	ng/ul	0.00
21) Nitrobenzene-d5	9.241	128	48425	106.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	56051	124.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	115928	94.466	ng/ul	0.00
31) 4-Chloroaniline-d4	11.021	131	139515	82.869	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	376949	84.300	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	409921	82.041	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	55493	90.258	ng/ul	0.01
60) Fluorene-d10	15.698	176	335178	85.590	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	77682	123.823	ng/ul	0.00
73) Anthracene-d10	17.549	188	554045	78.174	ng/ul	0.00
81) Pyrene-d10	19.834	212	724492	79.153	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.775	264	778098	84.683	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.535	88	14960	27.418	ng/uL#	81
5) Pyridine	3.935	79	97990	81.032	ng/ul	93
6) Benzaldehyde	7.214	77	51330	65.320	ng/ul	96
8) Phenol	7.261	94	121643	76.167	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.496	93	90790	74.232	ng/ul	88
12) 2-Chlorophenol	7.642	128	97425	80.247	ng/ul	96
13) 2-Methylphenol	8.518	108	93970	76.596	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.606	45	133769	65.078	ng/ul	99
16) Acetophenone	8.906	105	151787	78.637	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.894	70	76603	71.097	ng/ul	97
18) 4-Methylphenol	8.847	108	99672	76.861	ng/ul	99
19) Hexachloroethane	9.170	117	39875	77.479	ng/ul#	91
22) Nitrobenzene	9.282	77	113618	95.695	ng/ul	94
23) Isophorone	9.816	82	220899	78.893	ng/ul	98
25) 2-Nitrophenol	9.999	139	57049	118.651	ng/ul	93
26) 2,4-Dimethylphenol	10.051	107	116051	79.952	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.286	93	122171	75.879	ng/ul	97
29) 2,4-Dichlorophenol	10.533	162	112752	92.644	ng/ul	95
30) Naphthalene	10.944	128	311073	80.700	ng/ul	99
32) 4-Chloroaniline	11.044	127	137181	82.700	ng/ul	99
33) Hexachlorobutadiene	11.232	225	107207	106.137	ng/ul	98
34) Caprolactam	11.808	113	34138m	100.218	ng/ul	
35) 4-Chloro-3-methylphenol	12.161	107	109597	85.341	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.543	142	227286	83.483	ng/ul	94
37) 1-Methylnaphthalene	12.760	142	227932	84.147	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.907	216	195080	95.843	ng/ul	94
40) Hexachlorocyclopentadiene	12.889	237	122312	88.389	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.142	196	110311	95.111	ng/ul	94
42) 2,4,5-Trichlorophenol	13.212	196	120473	96.570	ng/ul	99
43) 1,1'-Biphenyl	13.541	154	325640	77.362	ng/ul	98
44) 2-Chloronaphthalene	13.583	162	269354	82.148	ng/ul	98
45) 2-Nitroaniline	13.782	65	77017	110.482	ng/ul	97
47) Dimethylphthalate	14.152	163	356302	83.218	ng/ul	99
48) 2,6-Dinitrotoluene	14.276	165	79406	127.097	ng/ul#	89
50) Acenaphthylene	14.429	152	413399	77.176	ng/ul	99
51) 3-Nitroaniline	14.599	138	57629	96.330	ng/ul#	91
52) Acenaphthene	14.769	153	277562	78.071	ng/ul	99
53) 2,4-Dinitrophenol	14.805	184	42184	127.984	ng/ul#	64
55) 4-Nitrophenol	14.910	109	53593	92.365	ng/ul	94
56) Dibenzofuran	15.104	168	417808	81.248	ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	113374	129.908	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.328	232	110802	100.244	ng/ul#	93
59) Diethylphthalate	15.521	149	351814	79.415	ng/ul	98
61) Fluorene	15.751	166	336355	79.819	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	214585	90.767	ng/ul	95
63) 4-Nitroaniline	15.768	138	54461	94.304	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.827	198	72907	124.946	ng/ul#	96
67) N-Nitrosodiphenylamine	15.950	169	308158	71.923	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	161685	92.923	ng/ul	96
69) Hexachlorobenzene	16.761	284	185892	98.946	ng/ul#	90
70) Atrazine	16.902	200	153571	81.253	ng/ul	96
71) Pentachlorophenol	17.096	266	88530	79.288	ng/ul	91
72) Phenanthrene	17.490	178	612702	75.688	ng/ul	99
74) Anthracene	17.584	178	607974	73.600	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.512	216	212556	85.655	ng/uL	96
76) Pentachlorobenzene	15.028	250	202571	90.883	ng/uL	98
77) Carbazole	17.848	167	521634	72.444	ng/ul	99
78) Di-n-butylphthalate	18.406	149	598973	66.528	ng/ul	99
80) Fluoranthene	19.499	202	809599	76.093	ng/ul#	93
82) Pyrene	19.863	202	778723	73.839	ng/ul#	94
83) Butylbenzylphthalate	20.739	149	264081	68.807	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.620	252	295178	77.146	ng/ul#	96
85) Benzo(a)anthracene	21.708	228	855340	78.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.614	149	377495	66.980	ng/ul#	97
87) Chrysene	21.773	228	816892	78.599	ng/ul	98
89) Di-n-octyl phthalate	22.842	149	663586	66.385	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	929922	80.678	ng/ul#	98
91) Benzo(k)fluoranthene	24.029	252	879897	80.149	ng/ul#	97
93) Benzo(a)pyrene	24.846	252	894005	80.308	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.730	276	1115767	87.377	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.794	278	942837	85.988	ng/ul#	96
96) Benzo(g,h,i)perylene	29.899	276	934728	86.788	ng/ul#	94

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

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