Quantitation Report (Qedit)

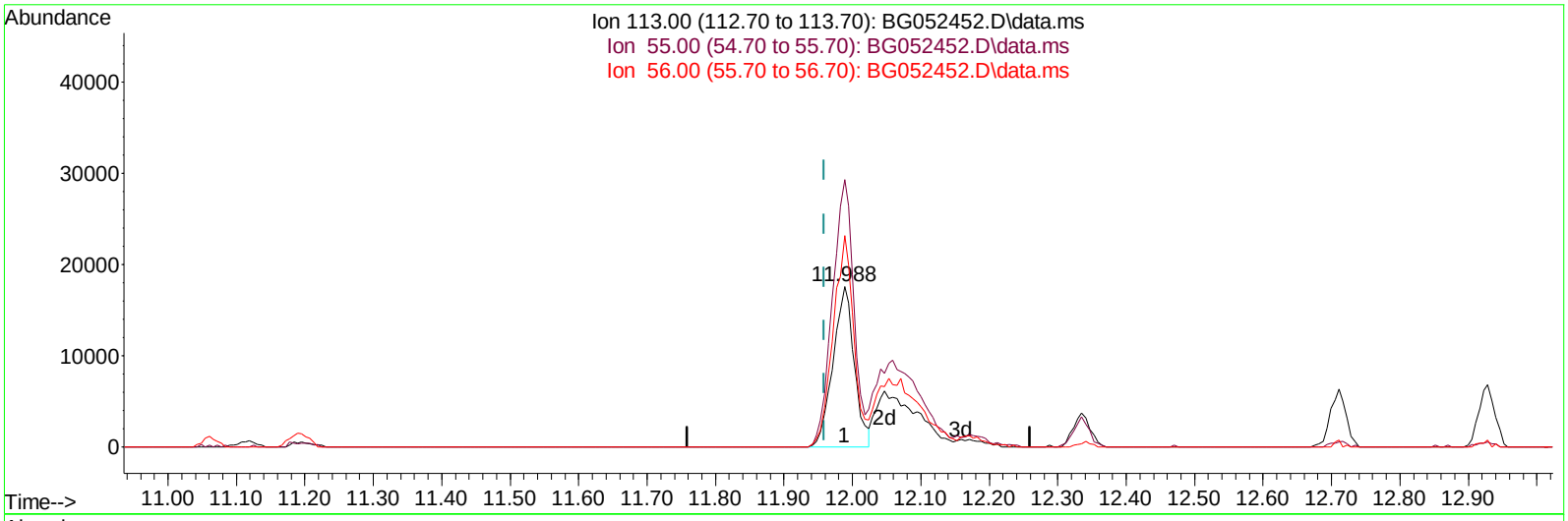
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052452.D
Acq On : 22 Feb 2022 16:02
Operator : CG/JU
Sample : SSTD08011
Misc :
ALS Vial : 7 Sample Multiplier: 1

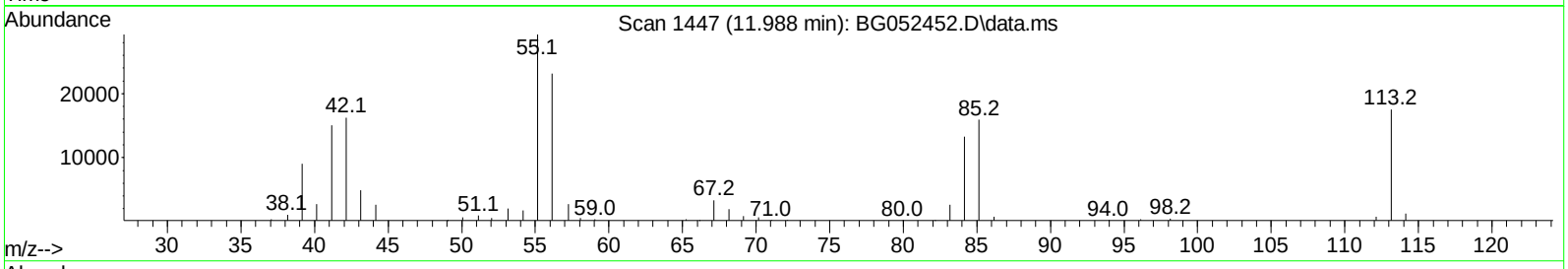
Quant Time: Feb 22 16:45:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 15:23:39 2022
Response via : Initial Calibration

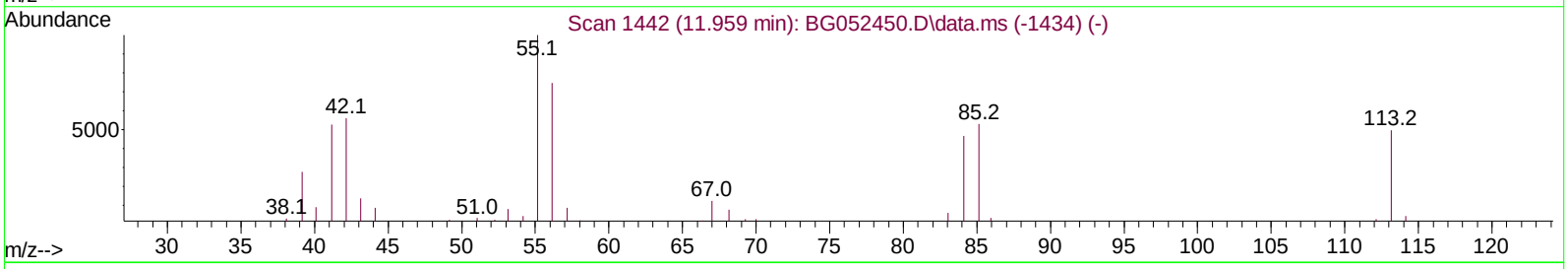
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022







TIC: BG052452.D\data.ms

(34) Caprolactam

11.988min (+ 0.029) 54.18 ng/ul

response 37661

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	166.58
56.00	136.50	131.69
0.00	0.00	0.00

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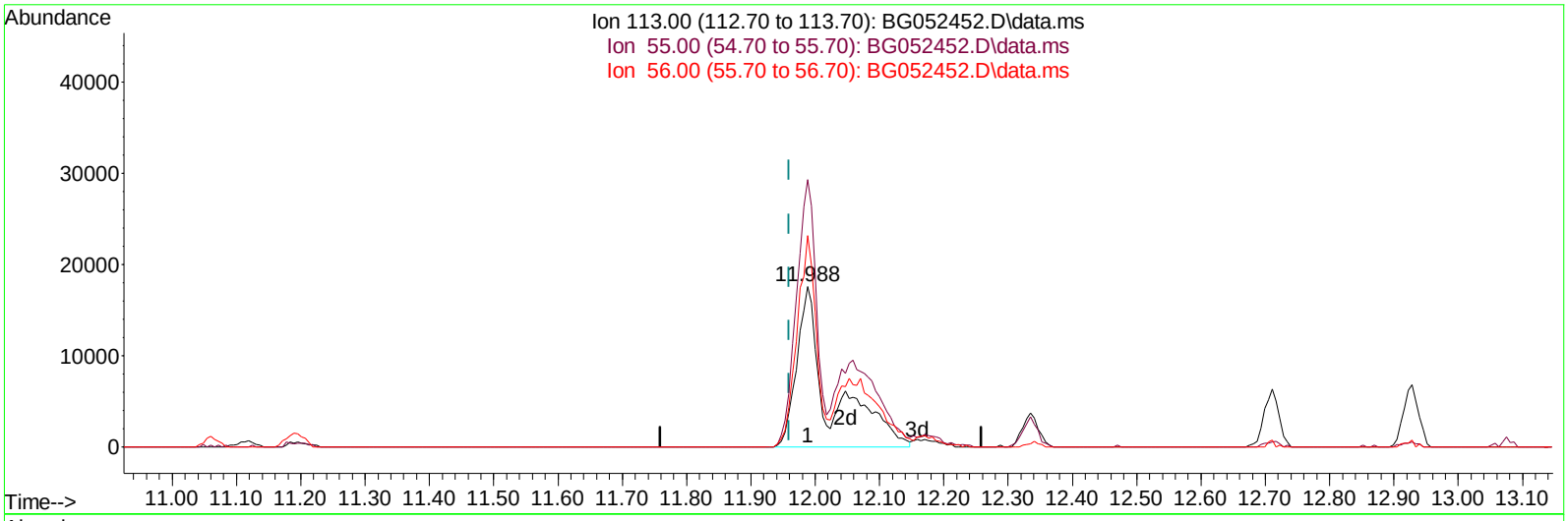

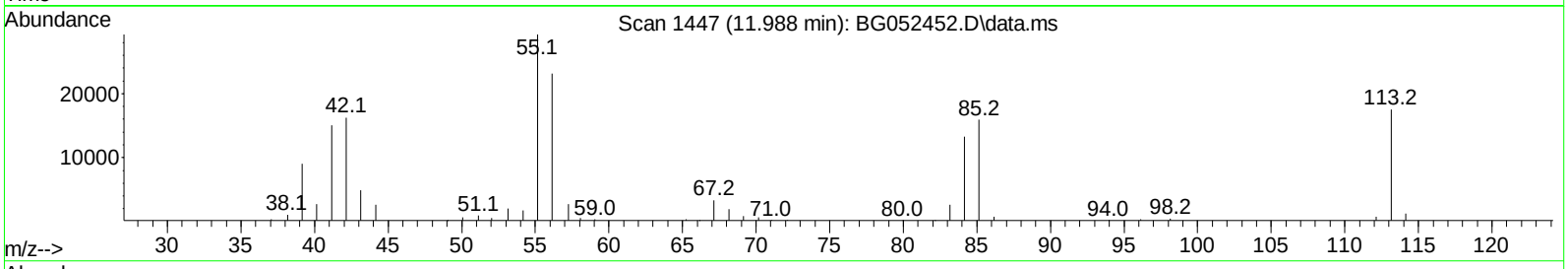

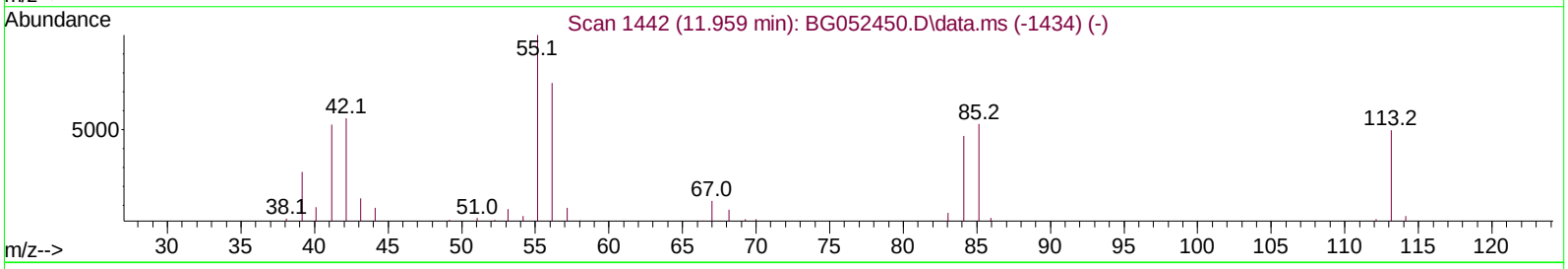

TIC: BG052452.D\data.ms

(34) Caprolactam

11.988min (+ 0.029) 90.52 ng/ul m

response 62917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	166.58
56.00	136.50	131.69
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	8.223	152	29100	20.000	ng/ul	0.00
20) Naphthalene-d8	11.060	136	127814	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.867	164	91604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.622	188	219399	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.940	240	202969	20.000	ng/ul	# 0.00
88) Perylene-d12	25.400	264	209558	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	22399	31.053	ng/uL	0.00
4) Pyridine-d5	3.970	84	179828	80.153	ng/ul	0.00
7) Phenol-d5	7.371	99	217882	82.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.530	67	124583	77.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	155423	84.264	ng/ul	0.00
15) 4-Methylphenol-d8	8.940	113	171451	85.356	ng/ul	0.00
21) Nitrobenzene-d5	9.398	128	83489	80.223	ng/ul	0.00
24) 2-Nitrophenol-d4	10.132	143	94847	83.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	181809	82.008	ng/ul	0.00
31) 4-Chloroaniline-d4	11.195	131	239340	85.109	ng/ul	0.00
46) Dimethylphthalate-d6	14.262	166	569989	79.161	ng/ul	0.00
49) Acenaphthylene-d8	14.567	160	696682	77.627	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	95237	87.332	ng/ul	0.02
60) Fluorene-d10	15.860	176	497400	78.850	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	114166	84.286	ng/ul	0.01
73) Anthracene-d10	17.722	188	776978	75.119	ng/ul	0.00
81) Pyrene-d10	20.001	212	916430	75.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.177	264	878787	78.935	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	25657	31.911	ng/uL	88
5) Pyridine	3.993	79	181701	77.334	ng/ul	95
6) Benzaldehyde	7.348	77	85596	57.040	ng/ul	89
8) Phenol	7.401	94	218817	82.488	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.630	93	158365	79.001	ng/ul	93
12) 2-Chlorophenol	7.788	128	159174	83.598	ng/ul	95
13) 2-Methylphenol	8.664	108	169568	84.939	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.752	45	216169	75.501	ng/ul	96
16) Acetophenone	9.051	105	258021	82.832	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.045	70	150510	80.552	ng/ul	99
18) 4-Methylphenol	9.004	108	178530	84.883	ng/ul	93
19) Hexachloroethane	9.327	117	60706	74.033	ng/ul#	70
22) Nitrobenzene	9.445	77	212200	73.104	ng/ul	96
23) Isophorone	9.974	82	423887	78.919	ng/ul	96
25) 2-Nitrophenol	10.162	139	100068	80.489	ng/ul	99
26) 2,4-Dimethylphenol	10.214	107	201934	78.774	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.444	93	225777	78.378	ng/ul	97
29) 2,4-Dichlorophenol	10.708	162	169621	79.148	ng/ul	96
30) Naphthalene	11.113	128	536782	76.808	ng/ul	97
32) 4-Chloroaniline	11.219	127	242440	83.619	ng/ul	99
33) Hexachlorobutadiene	11.401	225	125614	71.854	ng/ul	97
34) Caprolactam	11.988	113	62917m	90.519	ng/ul	
35) 4-Chloro-3-methylphenol	12.335	107	191978	83.052	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.711	142	390394	79.605	ng/ul	96
37) 1-Methylnaphthalene	12.928	142	395030	78.298	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.075	216	240167	72.838	ng/ul	96
40) Hexachlorocyclopentadiene	13.058	237	136755	72.651	ng/ul	99
41) 2,4,6-Trichlorophenol	13.310	196	159365	80.947	ng/ul	98
42) 2,4,5-Trichlorophenol	13.392	196	171224	80.748	ng/ul	99
43) 1,1'-Biphenyl	13.704	154	543256	75.648	ng/ul#	95
44) 2-Chloronaphthalene	13.757	162	416466	75.794	ng/ul	98
45) 2-Nitroaniline	13.951	65	149579	80.850	ng/ul	89
47) Dimethylphthalate	14.309	163	544921	78.079	ng/ul#	98
48) 2,6-Dinitrotoluene	14.438	165	126351	83.920	ng/ul	87
50) Acenaphthylene	14.597	152	682243	75.841	ng/ul	98
51) 3-Nitroaniline	14.767	138	103896	80.637	ng/ul	99
52) Acenaphthene	14.937	153	451517	76.565	ng/ul	95
53) 2,4-Dinitrophenol	14.979	184	76000	97.207	ng/ul	90
55) 4-Nitrophenol	15.084	109	92434	80.868	ng/ul	88
56) Dibenzofuran	15.272	168	645612	75.612	ng/ul	99
57) 2,4-Dinitrotoluene	15.225	165	179031	82.948	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.495	232	155410	83.726	ng/ul	88
59) Diethylphthalate	15.672	149	553237	78.176	ng/ul	97
61) Fluorene	15.918	166	538635	76.020	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.901	204	296464	76.079	ng/ul	94
63) 4-Nitroaniline	15.936	138	99690	79.737	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.995	198	110795	85.886	ng/ul#	93
67) N-Nitrosodiphenylamine	16.112	169	474853	78.946	ng/ul	96
68) 4-Bromophenyl-phenylether	16.800	248	210607	79.519	ng/ul#	87
69) Hexachlorobenzene	16.929	284	233095	78.311	ng/ul#	87
70) Atrazine	17.058	200	204846	77.195	ng/ul	95
71) Pentachlorophenol	17.270	266	123566	86.580	ng/ul	93
72) Phenanthrene	17.663	178	878878	76.039	ng/ul	98
74) Anthracene	17.757	178	868388	76.123	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.680	216	276187	75.402	ng/uL	96
76) Pentachlorobenzene	15.196	250	261389	77.356	ng/uL	99
77) Carbazole	18.021	167	796891	80.146	ng/ul	97
78) Di-n-butylphthalate	18.562	149	918307	77.003	ng/ul	99
80) Fluoranthene	19.666	202	1092600	76.273	ng/ul#	91
82) Pyrene	20.031	202	1031543	73.557	ng/ul#	91
83) Butylbenzylphthalate	20.894	149	405558	82.670	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.816	252	347739	80.011	ng/ul#	97
85) Benzo(a)anthracene	21.916	228	1045865	76.612	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.787	149	564061	80.213	ng/ul#	97
87) Chrysene	21.987	228	992995	76.985	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	950978	79.987	ng/ul	100
90) Benzo(b)fluoranthene	24.301	252	1127822	77.612	ng/ul#	96
91) Benzo(k)fluoranthene	24.372	252	1019980	76.718	ng/ul#	96
93) Benzo(a)pyrene	25.253	252	1038654	76.639	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.418	276	1220139	80.821	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.482	278	1026667	82.017	ng/ul#	94
96) Benzo(g,h,i)perylene	30.681	276	1037842	80.760	ng/ul#	90

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

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