Quantitation Report (Qedit)

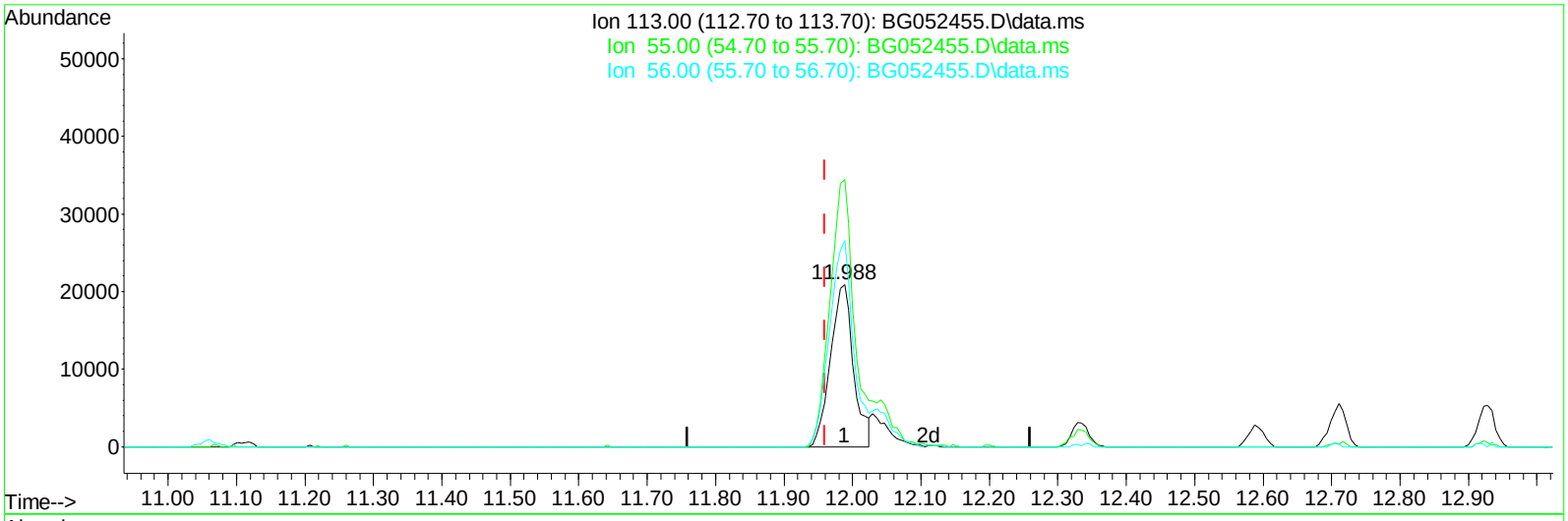
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052455.D
Acq On : 22 Feb 2022 19:18
Operator : CG/JU
Sample : SP5824
Misc : SFAM SPIKE
ALS Vial : 10 Sample Multiplier: 1

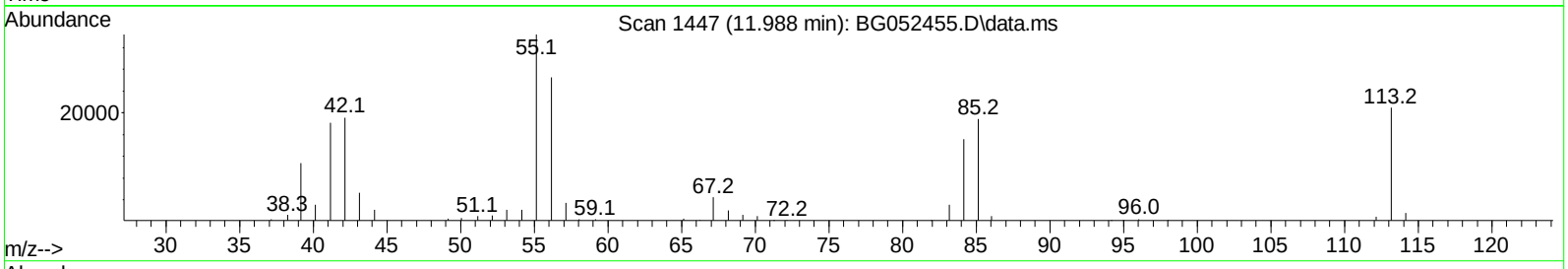
Quant Time: Feb 23 03:36:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

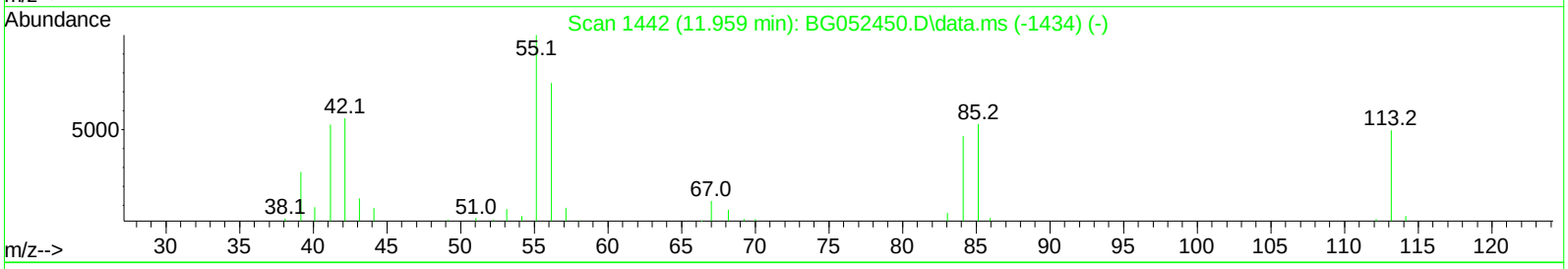
Instrument :
BNA_G
ClientSampleId :
SP5824

Manual IntegrationsAPPROVED

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







TIC: BG052455.D\data.ms

(34) Caprolactam

11.988min (+ 0.029) 70.26 ng/ul

response 48884

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.60
56.00	136.50	127.10
0.00	0.00	0.00

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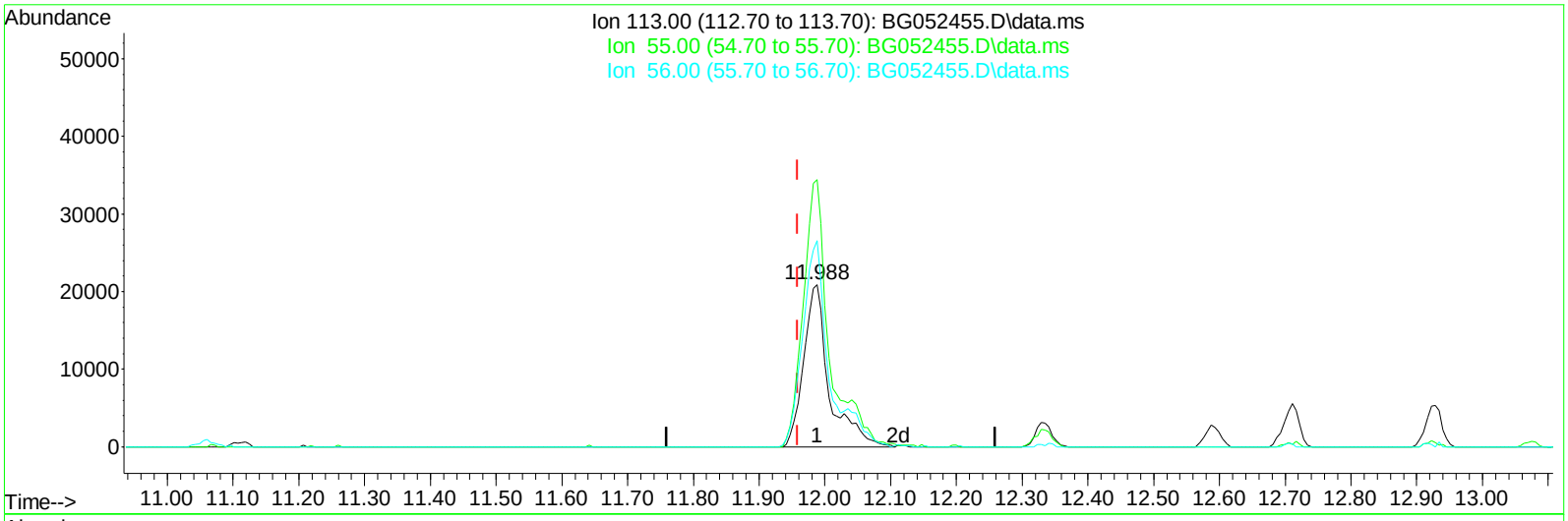

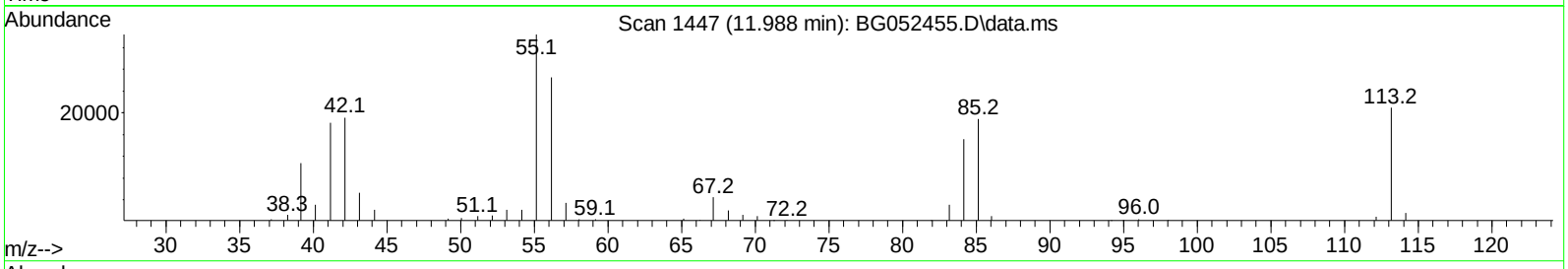

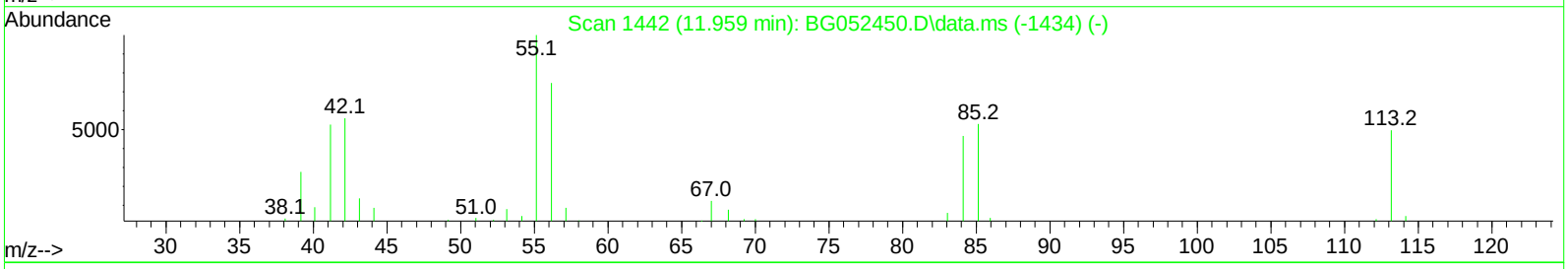

TIC: BG052455.D\data.ms

(34) Caprolactam

11.988min (+ 0.029) 81.10 ng/ul m

response 56427

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.60
56.00	136.50	127.10
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	25928	20.000	ng/ul		0.00
20) Naphthalene-d8	11.060	136	113533	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.867	164	80994	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.616	188	200750	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.940	240	191517	20.000	ng/ul	#	0.00
88) Perylene-d12	25.405	264	198269	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	0.000	99	0	0.000	ng/ul		
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul		
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul		
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul		
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul		
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul		
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul		
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul		
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul		
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul		
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul		
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul		
81) Pyrene-d10	0.000	212	0	0.000	ng/ul		
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	20929	27.216	ng/uL		97
5) Pyridine	3.993	79	149026	74.025	ng/ul		87
6) Benzaldehyde	7.348	77	144567	103.544	ng/ul		95
8) Phenol	7.395	94	196526	79.033	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.624	93	136216	74.059	ng/ul		92
12) 2-Chlorophenol	7.782	128	142145	79.009	ng/ul		98
13) 2-Methylphenol	8.663	108	149726	79.543	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.752	45	182445	72.476	ng/ul		95
16) Acetophenone	9.051	105	219190	74.372	ng/ul		96
17) N-Nitroso-di-n-propyla...	9.033	70	128183	73.876	ng/ul		98
18) 4-Methylphenol	8.998	108	158158	79.007	ng/ul		95
19) Hexachloroethane	9.327	117	54060	76.854	ng/ul	#	70
22) Nitrobenzene	9.439	77	186532	75.180	ng/ul		99
23) Isophorone	9.968	82	360848	75.387	ng/ul		95
25) 2-Nitrophenol	10.161	139	85308	76.574	ng/ul		93
26) 2,4-Dimethylphenol	10.214	107	176674	77.103	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.443	93	192780	74.413	ng/ul		99
29) 2,4-Dichlorophenol	10.708	162	151395	80.949	ng/ul		97
30) Naphthalene	11.113	128	463867	73.439	ng/ul		98
32) 4-Chloroaniline	11.213	127	186436	66.335	ng/ul		100
33) Hexachlorobutadiene	11.401	225	107909	73.122	ng/ul		98
34) Caprolactam	11.988	113	56427m	81.101	ng/ul		
35) 4-Chloro-3-methylphenol	12.335	107	170032	81.398	ng/ul		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.711	142	333514	73.689	ng/ul	97
37) 1-Methylnaphthalene	12.928	142	336708	73.103	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.075	216	208946	73.509	ng/ul	96
40) Hexachlorocyclopentadiene	13.057	237	115079	83.631	ng/ul	99
41) 2,4,6-Trichlorophenol	13.310	196	139327	81.731	ng/ul	98
42) 2,4,5-Trichlorophenol	13.386	196	144772	79.676	ng/ul	98
43) 1,1'-Biphenyl	13.704	154	469273	72.868	ng/ul#	95
44) 2-Chloronaphthalene	13.751	162	357920	73.080	ng/ul	99
45) 2-Nitroaniline	13.950	65	128247	80.174	ng/ul	89
47) Dimethylphthalate	14.309	163	488932	75.966	ng/ul	98
48) 2,6-Dinitrotoluene	14.438	165	111751	79.287	ng/ul#	84
50) Acenaphthylene	14.597	152	610952	75.217	ng/ul	98
51) 3-Nitroaniline	14.767	138	110549	96.311	ng/ul	98
52) Acenaphthene	14.937	153	398230	74.549	ng/ul	94
53) 2,4-Dinitrophenol	14.978	184	64332	92.304	ng/ul#	86
55) 4-Nitrophenol	15.078	109	79022	77.844	ng/ul	88
56) Dibenzofuran	15.266	168	567832	73.944	ng/ul	99
57) 2,4-Dinitrotoluene	15.225	165	161203	78.958	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.495	232	136430	82.846	ng/ul#	86
59) Diethylphthalate	15.666	149	492100	75.636	ng/ul	96
61) Fluorene	15.918	166	483034	74.779	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.901	204	266493	75.806	ng/ul	93
63) 4-Nitroaniline	15.930	138	117629	106.735	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.989	198	94929	76.951	ng/ul#	93
67) N-Nitrosodiphenylamine	16.112	169	426016	75.319	ng/ul	98
68) 4-Bromophenyl-phenylether	16.794	248	184241	76.465	ng/ul#	88
69) Hexachlorobenzene	16.929	284	205529	74.341	ng/ul#	88
70) Atrazine	17.058	200	186981	75.009	ng/ul	97
71) Pentachlorophenol	17.269	266	99985	80.295	ng/ul	96
72) Phenanthrene	17.663	178	796330	73.651	ng/ul	99
74) Anthracene	17.757	178	793654	72.932	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.680	216	227150	71.528	ng/uL	97
76) Pentachlorobenzene	15.190	250	237522	78.342	ng/uL	99
77) Carbazole	18.021	167	724320	74.939	ng/ul	98
78) Di-n-butylphthalate	18.562	149	847905	73.763	ng/ul	99
80) Fluoranthene	19.666	202	1014490	76.676	ng/ul#	92
82) Pyrene	20.030	202	993635	75.627	ng/ul#	90
83) Butylbenzylphthalate	20.894	149	377131	79.401	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.816	252	387610	91.621	ng/ul#	97
85) Benzo(a)anthracene	21.916	228	969719	74.725	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.787	149	529428	79.521	ng/ul#	96
87) Chrysene	21.987	228	921522	74.070	ng/ul	99
89) Di-n-octyl phthalate	23.079	149	872308	76.084	ng/ul	100
90) Benzo(b)fluoranthene	24.301	252	1050259	75.977	ng/ul#	95
91) Benzo(k)fluoranthene	24.372	252	934575	73.297	ng/ul#	95
93) Benzo(a)pyrene	25.241	252	989198	76.067	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.412	276	1132403	76.579	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.476	278	950642	75.310	ng/ul#	95
96) Benzo(g,h,i)perylene	30.675	276	945451	76.150	ng/ul#	89

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

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