Quantitation Report (Qedit)

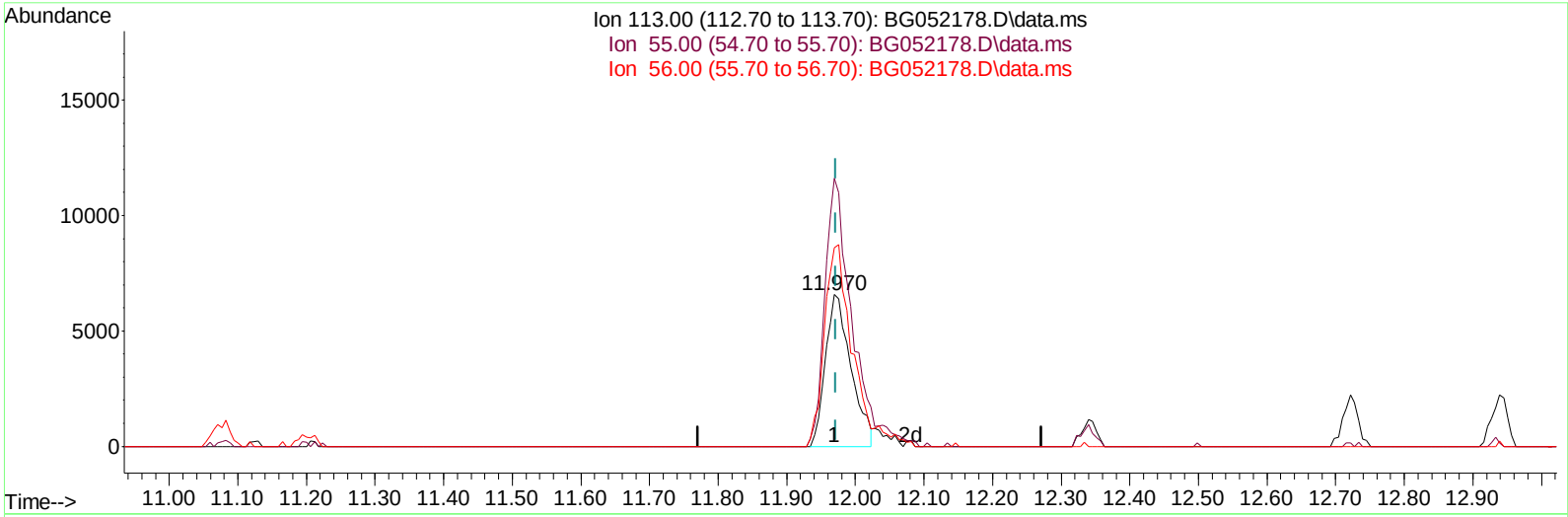
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052178.D
Acq On : 27 Jan 2022 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

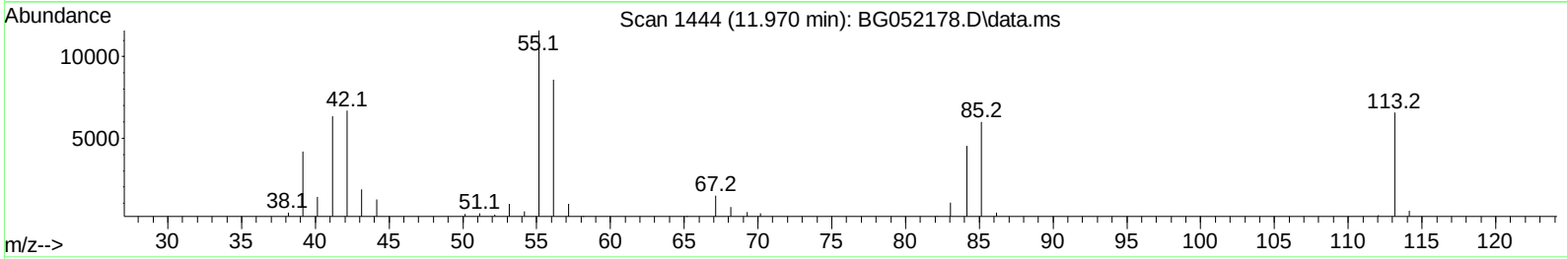
Quant Time: Jan 27 23:56:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 26 23:58:52 2022
Response via : Initial Calibration

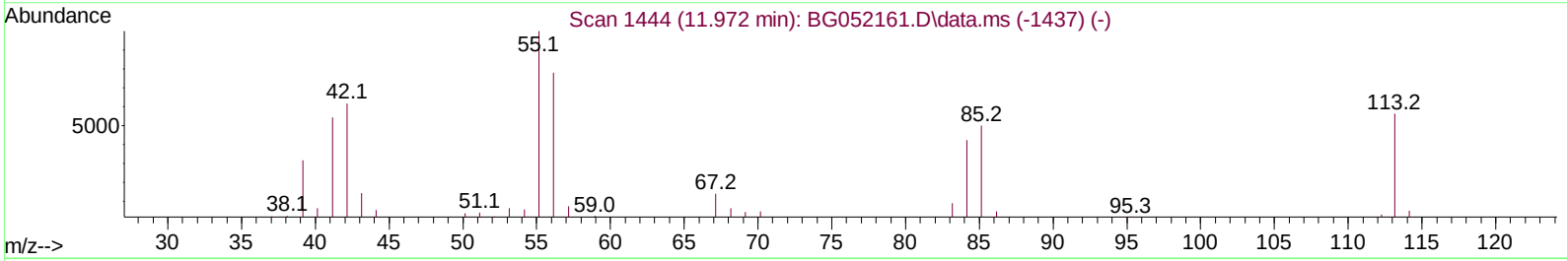
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :Yogesh Patel 01/28/2022







TIC: BG052178.D\data.ms

(34) Caprolactam

11.970min (-0.002) 20.66 ng/ul

response 16965

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.59
56.00	136.50	130.93
0.00	0.00	0.00

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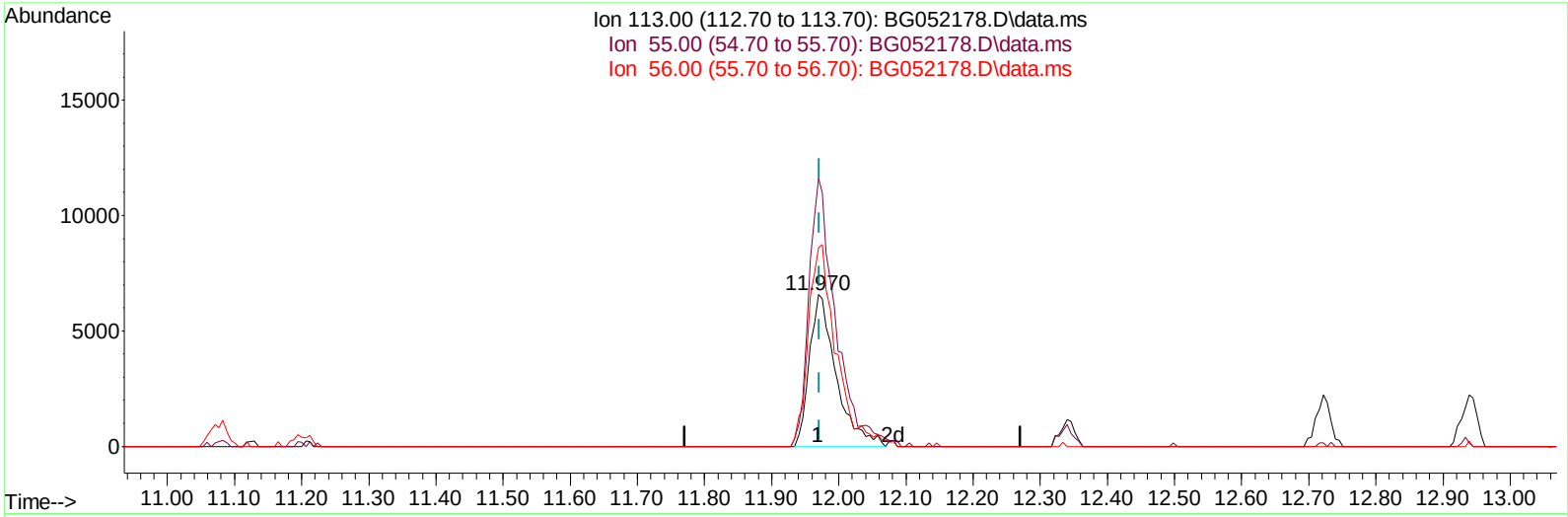

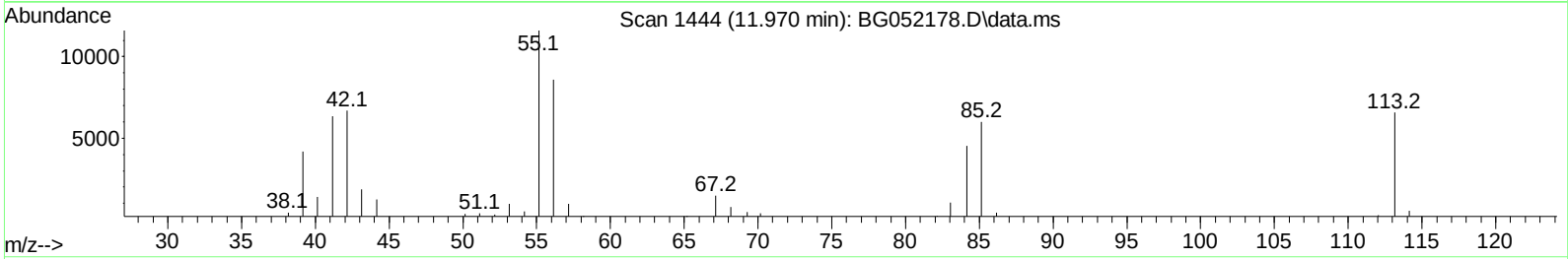

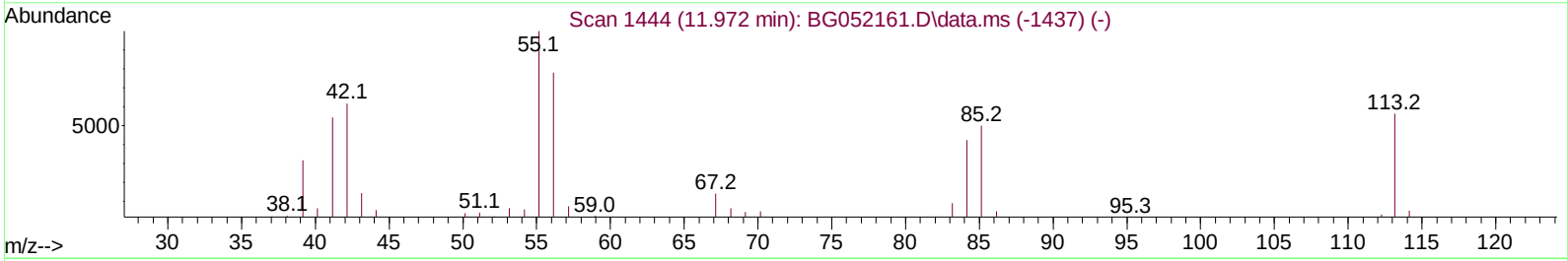

TIC: BG052178.D\data.ms

(34) Caprolactam

11.970min (-0.002) 22.10 ng/ul m

response 18151

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.59
56.00	136.50	130.93
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	8.239	152	29837	20.000	ng/ul	0.00
20) Naphthalene-d8	11.077	136	125767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.883	164	94318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	229700	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.944	240	225878	20.000	ng/ul	# 0.00
88) Perylene-d12	25.422	264	233116	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.563	96	7327	8.775	ng/uL	0.00
4) Pyridine-d5	3.992	84	53846	20.744	ng/ul	0.00
7) Phenol-d5	7.382	99	62456	21.387	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.540	67	37288	20.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.764	132	45007	23.278	ng/ul	0.00
15) 4-Methylphenol-d8	8.944	113	49322	21.727	ng/ul	0.00
21) Nitrobenzene-d5	9.408	128	23879	24.028	ng/ul	0.00
24) 2-Nitrophenol-d4	10.143	143	26313	23.941	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.689	165	52115	24.258	ng/ul	0.00
31) 4-Chloroaniline-d4	11.200	131	71770	23.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.272	166	171098	21.947	ng/ul	0.00
49) Acenaphthylene-d8	14.578	160	213193	22.639	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	27506	21.103	ng/ul	0.00
60) Fluorene-d10	15.870	176	152519	22.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	27702	19.117	ng/ul	0.00
73) Anthracene-d10	17.727	188	249967	22.940	ng/ul	0.00
81) Pyrene-d10	20.006	212	300371	23.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.175	264	282764	23.041	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	7402	7.683	ng/uL	92
5) Pyridine	4.010	79	54492	20.038	ng/ul	95
6) Benzaldehyde	7.358	77	33476	17.233	ng/ul	96
8) Phenol	7.405	94	63153	21.188	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.634	93	45927	21.049	ng/ul	97
12) 2-Chlorophenol	7.799	128	45319	23.041	ng/ul	95
13) 2-Methylphenol	8.680	108	47522	21.925	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.762	45	65446	19.665	ng/ul	97
16) Acetophenone	9.062	105	75537	21.083	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.044	70	45371	20.729	ng/ul	99
18) 4-Methylphenol	9.009	108	51636	21.993	ng/ul	91
19) Hexachloroethane	9.344	117	18517	21.806	ng/ul#	80
22) Nitrobenzene	9.450	77	64204	20.829	ng/ul	96
23) Isophorone	9.978	82	121980	20.931	ng/ul	95
25) 2-Nitrophenol	10.172	139	28282	23.414	ng/ul	95
26) 2,4-Dimethylphenol	10.225	107	59822	22.824	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.454	93	66049	22.013	ng/ul	96
29) 2,4-Dichlorophenol	10.718	162	49029	23.238	ng/ul	96
30) Naphthalene	11.130	128	156007	22.891	ng/ul	97
32) 4-Chloroaniline	11.230	127	71705	23.518	ng/ul	93
33) Hexachlorobutadiene	11.412	225	38693	23.007	ng/ul	96
34) Caprolactam	11.970	113	18151m	22.104	ng/ul	
35) 4-Chloro-3-methylphenol	12.340	107	57910	23.772	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.722	142	112733	23.222	ng/ul	97
37) 1-Methylnaphthalene	12.939	142	114896	23.062	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.086	216	75258	23.074	ng/ul	96
40) Hexachlorocyclopentadiene	13.068	237	35164	15.712	ng/ul	96
41) 2,4,6-Trichlorophenol	13.321	196	47035	22.816	ng/ul	98
42) 2,4,5-Trichlorophenol	13.397	196	52214	23.496	ng/ul	98
43) 1,1'-Biphenyl	13.714	154	163042	22.392	ng/ul#	96
44) 2-Chloronaphthalene	13.761	162	126158	22.372	ng/ul	98
45) 2-Nitroaniline	13.955	65	43950	20.336	ng/ul	93
47) Dimethylphthalate	14.319	163	162973	21.200	ng/ul#	99
48) 2,6-Dinitrotoluene	14.443	165	35754	22.059	ng/ul	90
50) Acenaphthylene	14.607	152	210040	22.650	ng/ul	96
51) 3-Nitroaniline	14.772	138	25538	17.418	ng/ul	99
52) Acenaphthene	14.942	153	137758	22.342	ng/ul	95
53) 2,4-Dinitrophenol	14.977	184	14097	14.752	ng/ul	93
55) 4-Nitrophenol	15.077	109	27739	18.545	ng/ul	85
56) Dibenzofuran	15.277	168	196694	21.965	ng/ul	99
57) 2,4-Dinitrotoluene	15.230	165	50165	21.407	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.500	232	46820	22.714	ng/ul	89
59) Diethylphthalate	15.676	149	168373	21.230	ng/ul	95
61) Fluorene	15.929	166	163283	21.882	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.911	204	90920	21.956	ng/ul	91
63) 4-Nitroaniline	15.929	138	18936	12.571	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.994	198	25473	18.387	ng/ul	98
67) N-Nitrosodiphenylamine	16.123	169	144192	23.361	ng/ul	95
68) 4-Bromophenyl-phenylether	16.804	248	63155	23.486	ng/ul#	86
69) Hexachlorobenzene	16.939	284	69668	23.360	ng/ul#	88
70) Atrazine	17.063	200	65007	22.702	ng/ul	96
71) Pentachlorophenol	17.280	266	31513	18.921	ng/ul	99
72) Phenanthrene	17.674	178	271256	22.537	ng/ul	97
74) Anthracene	17.762	178	269100	22.335	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	79743	23.115	ng/uL	97
76) Pentachlorobenzene	15.201	250	82547	24.585	ng/uL	99
77) Carbazole	18.026	167	244326	22.506	ng/ul	99
78) Di-n-butylphthalate	18.567	149	286339	22.313	ng/ul	99
80) Fluoranthene	19.671	202	347320	23.120	ng/ul#	90
82) Pyrene	20.035	202	341263	23.073	ng/ul#	89
83) Butylbenzylphthalate	20.905	149	122210	23.742	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.821	252	107628	20.641	ng/ul#	98
85) Benzo(a)anthracene	21.927	228	342176	23.035	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.803	149	174553	23.188	ng/ul#	95
87) Chrysene	21.997	228	319353	22.326	ng/ul	100
89) Di-n-octyl phthalate	23.102	149	295134	22.919	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	356725	23.091	ng/ul#	95
91) Benzo(k)fluoranthene	24.382	252	330249	23.120	ng/ul#	94
93) Benzo(a)pyrene	25.258	252	332348	22.731	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.434	276	386311	23.082	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.493	278	329404	23.269	ng/ul#	94
96) Benzo(g,h,i)perylene	30.686	276	323989	23.023	ng/ul#	88

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

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