Quantitation Report (Qedit)

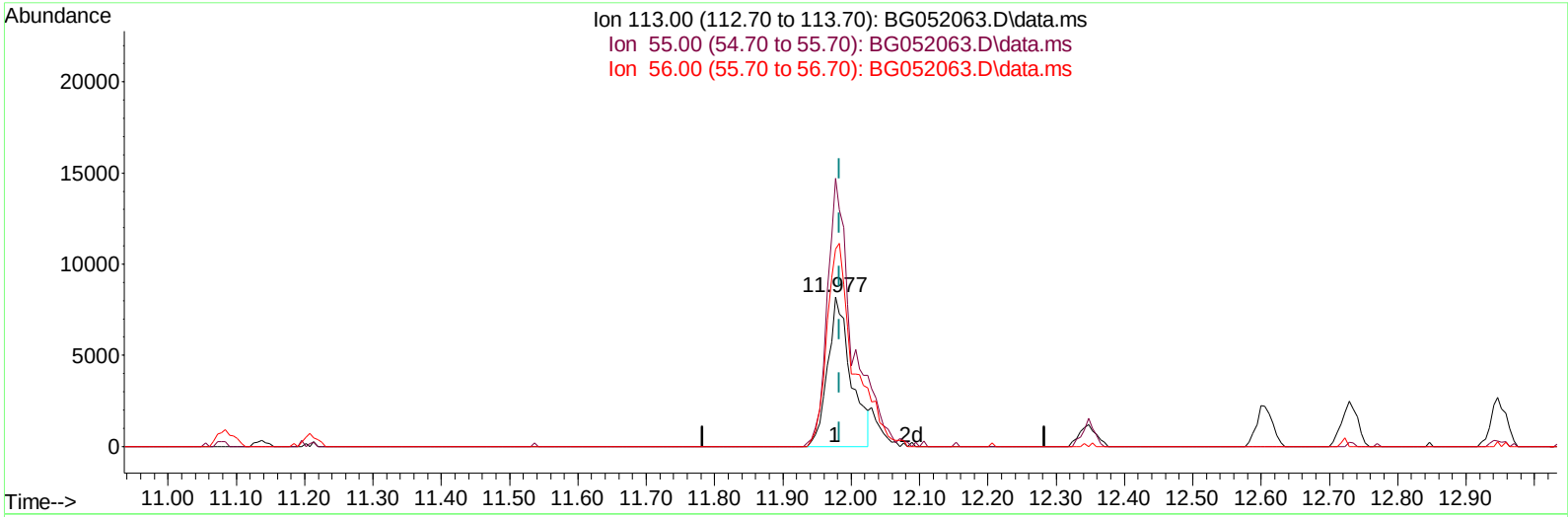
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
Data File : BG052063.D
Acq On : 18 Jan 2022 21:50
Operator : CG/JU
Sample : PB142117BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

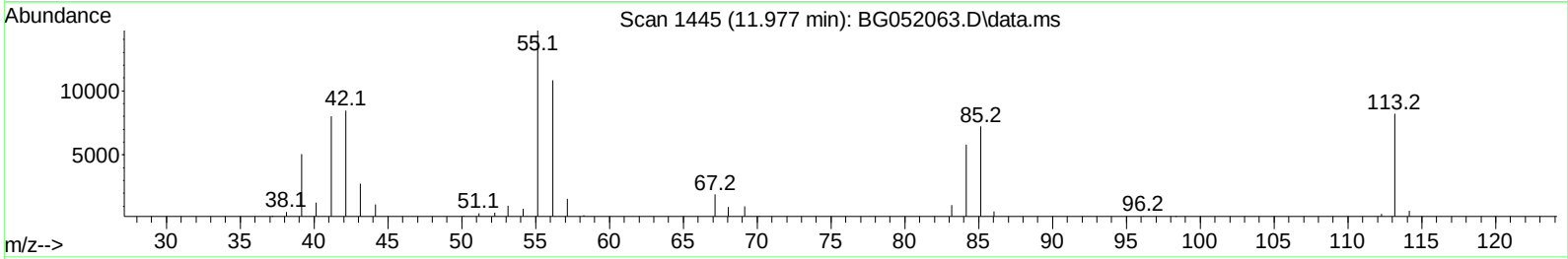
Quant Time: Jan 19 00:33:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

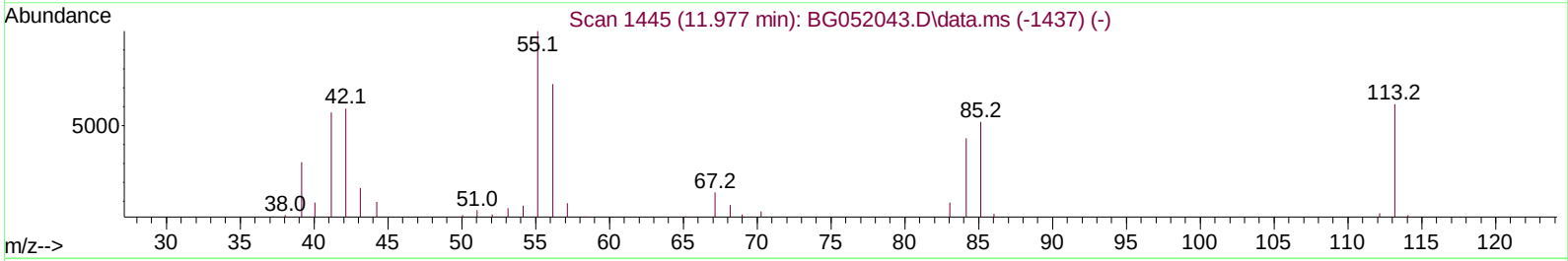
Instrument :
BNA_G
ClientSampleId :
SLCS117

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022







TIC: BG052063.D\data.ms

(34) Caprolactam

11.977min (-0.006) 23.96 ng/ul

response 19421

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.23
56.00	136.50	132.17
0.00	0.00	0.00

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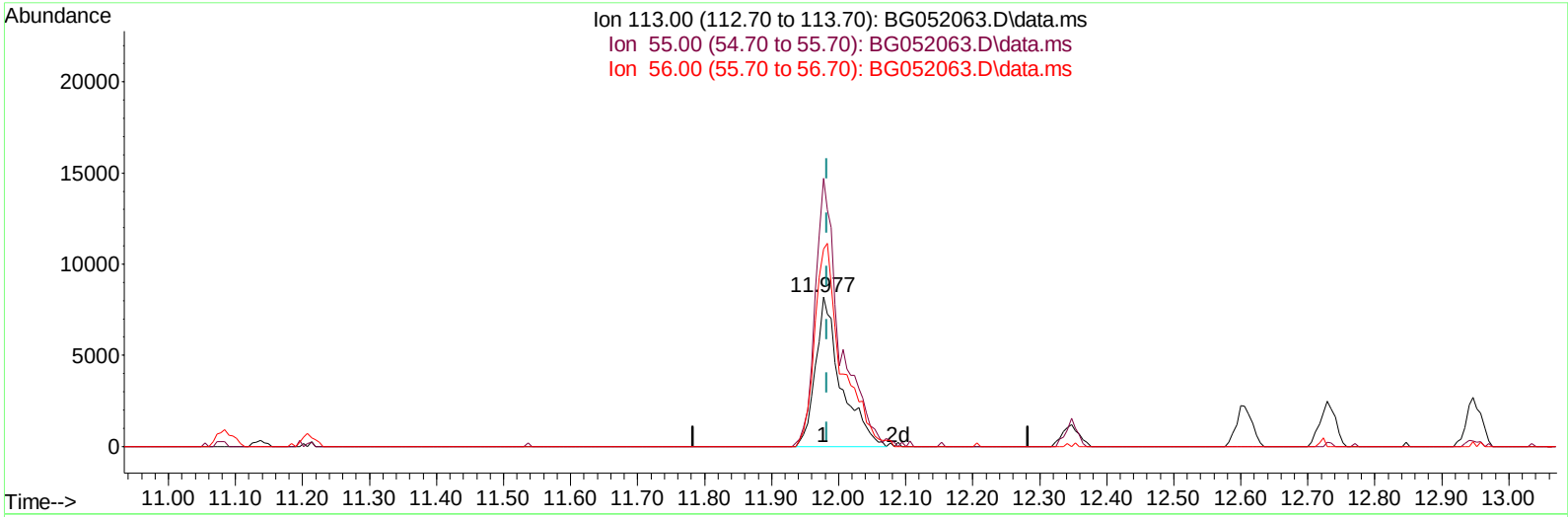

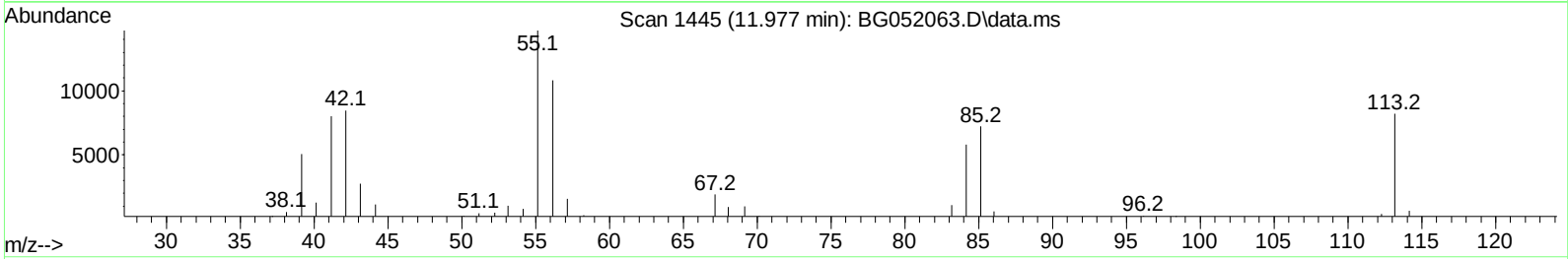

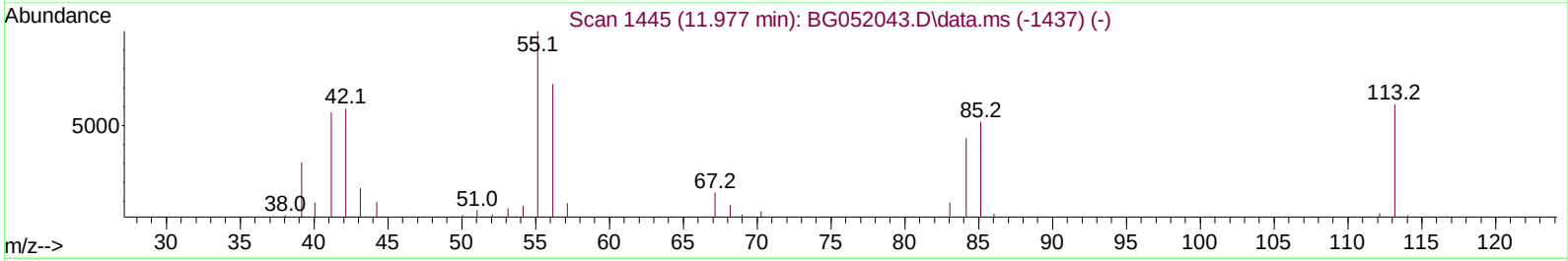

TIC: BG052063.D\data.ms

(34) Caprolactam

11.977min (-0.006) 26.68 ng/ul m

response 21621

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.23
56.00	136.50	132.17
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	8.247	152	28873	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	124124	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.891	164	90299	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	202502	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.964	240	160135	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	170645	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	3190	3.948	ng/uL	0.00
4) Pyridine-d5	3.994	84	52135	20.756	ng/ul	-0.01
7) Phenol-d5	7.383	99	76704	27.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	43239	24.103	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.771	132	55480	29.653	ng/ul	0.00
15) 4-Methylphenol-d8	8.952	113	60531	27.555	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	28489	29.047	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	33715	31.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	66514	31.371	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	73934	25.039	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	206496	27.666	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	256581	28.458	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	32705	26.208	ng/ul	0.00
60) Fluorene-d10	15.878	176	183255	28.160	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	34547	27.043	ng/ul	0.00
73) Anthracene-d10	17.740	188	287604	29.939	ng/ul	0.00
81) Pyrene-d10	20.019	212	306568	33.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	271383	30.209	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	6658	7.141	ng/uL#	84
5) Pyridine	4.017	79	53954	20.503	ng/ul	99
6) Benzaldehyde	7.366	77	42906	22.825	ng/ul	92
8) Phenol	7.413	94	74469	25.818	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.642	93	53162	25.179	ng/ul	96
12) 2-Chlorophenol	7.806	128	53867	28.301	ng/ul	93
13) 2-Methylphenol	8.681	108	56677	27.022	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.770	45	74263	23.060	ng/ul#	94
16) Acetophenone	9.069	105	88500	25.526	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.052	70	51653	24.386	ng/ul	96
18) 4-Methylphenol	9.016	108	61476	27.058	ng/ul	94
19) Hexachloroethane	9.351	117	21911	26.664	ng/ul#	68
22) Nitrobenzene	9.457	77	75795	24.915	ng/ul#	98
23) Isophorone	9.986	82	145593	25.314	ng/ul	97
25) 2-Nitrophenol	10.185	139	33970	28.495	ng/ul	98
26) 2,4-Dimethylphenol	10.232	107	72198	27.911	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.467	93	77984	26.335	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	59832	28.733	ng/ul	95
30) Naphthalene	11.137	128	187406	27.863	ng/ul	97
32) 4-Chloroaniline	11.237	127	67912	22.569	ng/ul	95
33) Hexachlorobutadiene	11.425	225	45989	27.707	ng/ul	97
34) Caprolactam	11.977	113	21621m	26.679	ng/ul	
35) 4-Chloro-3-methylphenol	12.347	107	69252	28.804	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.729	142	135724	28.329	ng/ul	98
37) 1-Methylnaphthalene	12.946	142	139728	28.417	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.093	216	89184	28.560	ng/ul	96
40) Hexachlorocyclopentadiene	13.076	237	39904	18.624	ng/ul	96
41) 2,4,6-Trichlorophenol	13.328	196	58677	29.730	ng/ul	95
42) 2,4,5-Trichlorophenol	13.405	196	62889	29.559	ng/ul	96
43) 1,1'-Biphenyl	13.722	154	193330	27.733	ng/ul#	94
44) 2-Chloronaphthalene	13.775	162	149426	27.678	ng/ul	98
45) 2-Nitroaniline	13.963	65	54264	26.226	ng/ul	94
47) Dimethylphthalate	14.327	163	198096	26.916	ng/ul	99
48) 2,6-Dinitrotoluene	14.450	165	44216	28.494	ng/ul#	86
50) Acenaphthylene	14.615	152	248170	27.953	ng/ul	98
51) 3-Nitroaniline	14.779	138	37724	26.875	ng/ul	99
52) Acenaphthene	14.955	153	161379	27.338	ng/ul	97
53) 2,4-Dinitrophenol	14.991	184	17963	19.634	ng/ul	88
55) 4-Nitrophenol	15.085	109	32703	22.837	ng/ul	92
56) Dibenzofuran	15.284	168	233810	27.272	ng/ul	100
57) 2,4-Dinitrotoluene	15.237	165	62878	28.027	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.508	232	56315	28.537	ng/ul	94
59) Diethylphthalate	15.684	149	200610	26.420	ng/ul	97
61) Fluorene	15.936	166	195333	27.342	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.919	204	107517	27.120	ng/ul	92
63) 4-Nitroaniline	15.942	138	39802	27.599	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.001	198	32628	26.715	ng/ul#	99
67) N-Nitrosodiphenylamine	16.130	169	172644	31.728	ng/ul	97
68) 4-Bromophenyl-phenylether	16.818	248	75430	31.818	ng/ul#	85
69) Hexachlorobenzene	16.947	284	82893	31.527	ng/ul#	91
70) Atrazine	17.070	200	73840	29.250	ng/ul	96
71) Pentachlorophenol	17.287	266	41088	27.983	ng/ul	98
72) Phenanthrene	17.681	178	308866	29.109	ng/ul	99
74) Anthracene	17.775	178	307148	28.917	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	92410	30.385	ng/uL	96
76) Pentachlorobenzene	15.214	250	95494	32.261	ng/uL	97
77) Carbazole	18.034	167	271955	28.415	ng/ul	98
78) Di-n-butylphthalate	18.580	149	318383	28.142	ng/ul	99
80) Fluoranthene	19.684	202	353561	33.197	ng/ul#	89
82) Pyrene	20.048	202	334194	31.871	ng/ul#	87
83) Butylbenzylphthalate	20.912	149	116340	31.881	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.840	252	110065	29.775	ng/ul#	97
85) Benzo(a)anthracene	21.940	228	324758	30.838	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.817	149	164860	30.891	ng/ul#	99
87) Chrysene	22.011	228	308043	30.377	ng/ul	98
89) Di-n-octyl phthalate	23.121	149	279547	29.656	ng/ul	100
90) Benzo(b)fluoranthene	24.331	252	334742	29.600	ng/ul#	94
91) Benzo(k)fluoranthene	24.407	252	310138	29.661	ng/ul#	96
93) Benzo(a)pyrene	25.283	252	320249	29.923	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.477	276	376420	30.725	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.541	278	328475	31.698	ng/ul#	92
96) Benzo(g,h,i)perylene	30.740	276	319544	31.020	ng/ul#	88

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

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