Quantitation Report (Qedit)

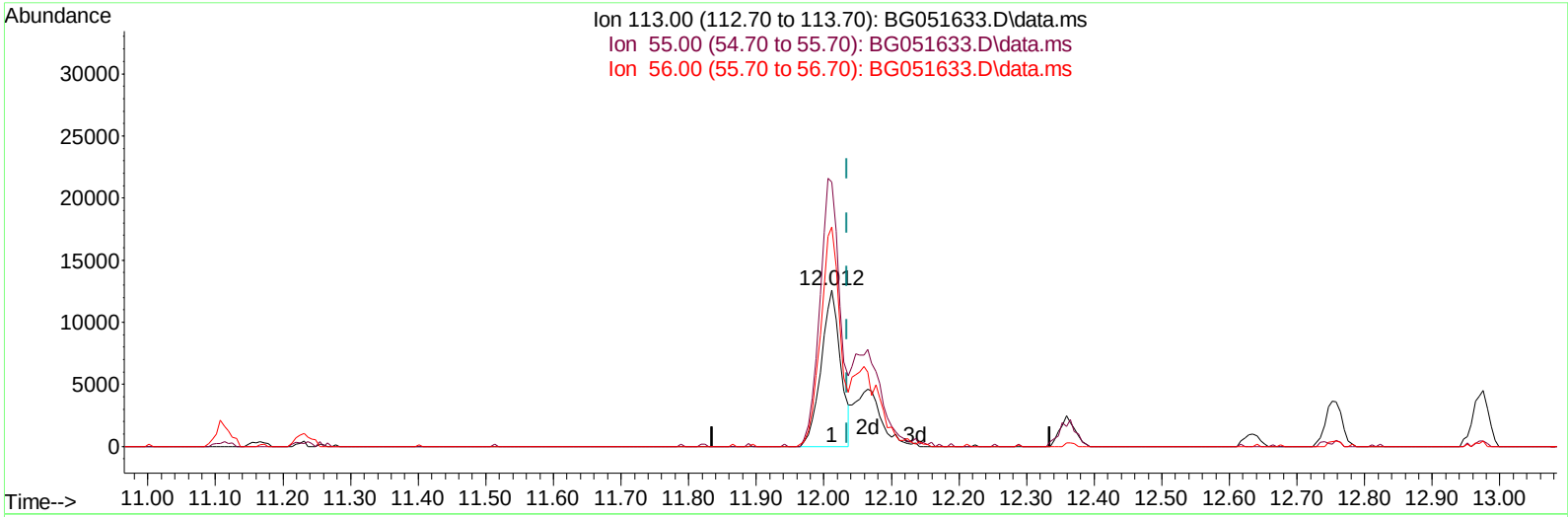
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051633.D
Acq On : 18 Dec 2021 16:40
Operator : CG/JU
Sample : PB141486BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

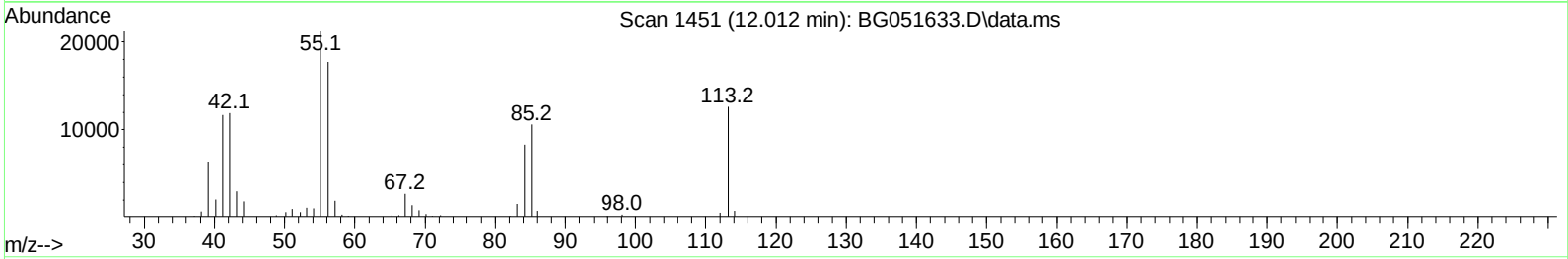
Quant Time: Dec 18 20:46:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

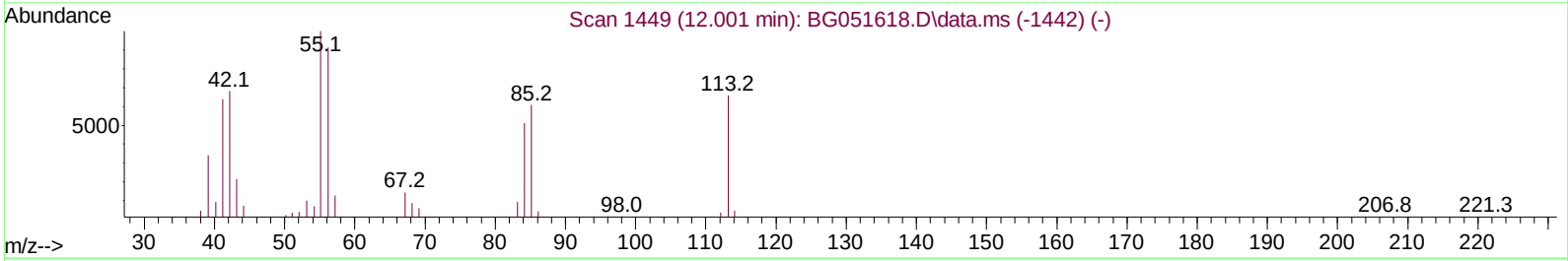
Instrument :
BNA_G
ClientSampleId :
SLCS486

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021







TIC: BG051633.D\data.ms

(34) Caprolactam

12.012min (-0.022) 23.30 ng/ul

response 24913

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.75
56.00	136.50	140.19
0.00	0.00	0.00

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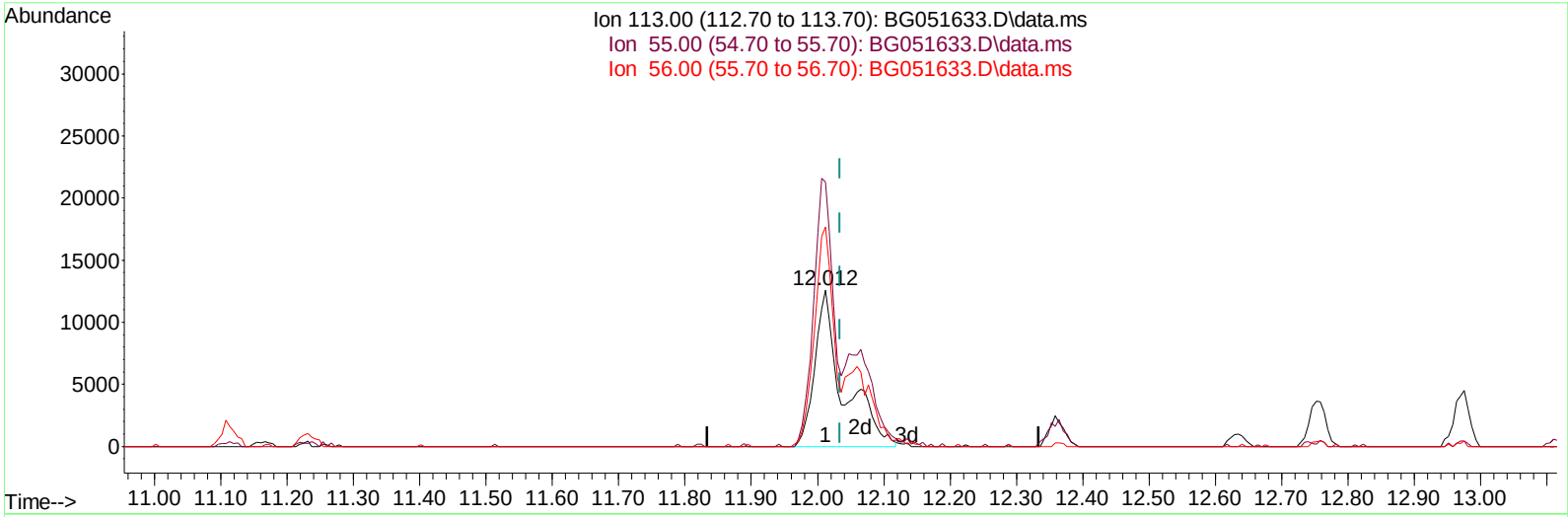

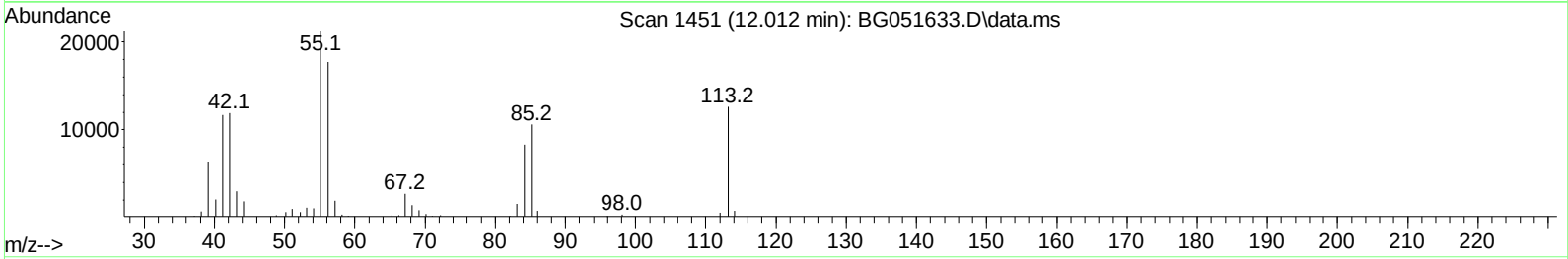

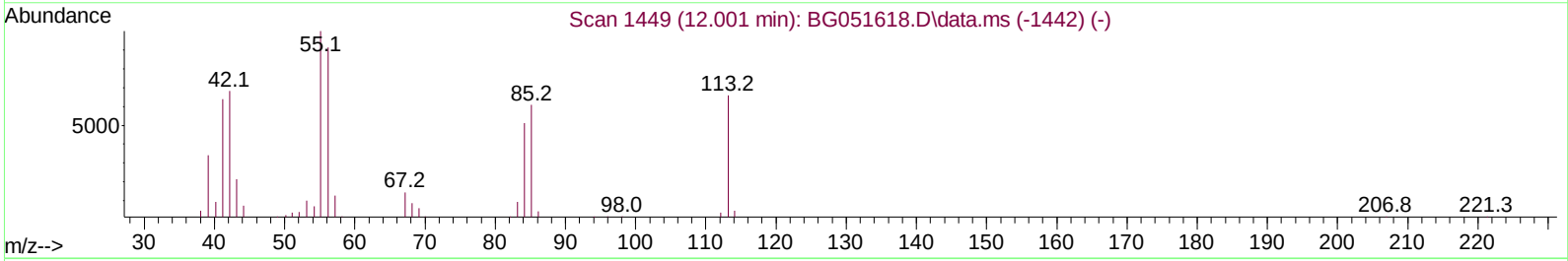

TIC: BG051633.D\data.ms

(34) Caprolactam

12.012min (-0.022) 34.97 ng/ul m

response 37390

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.75
56.00	136.50	140.19
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	8.276	152	51805	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	213555	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.914	164	148551	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	342438	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	313963	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	315525	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	7234	5.799	ng/uL	0.00
4) Pyridine-d5	4.029	84	76242	20.229	ng/ul	-0.02
7) Phenol-d5	7.407	99	141730	30.641	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	80890	29.417	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	96614	30.032	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	107570	30.086	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	49311	31.495	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	56770	33.168	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	113443	30.564	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	115937	23.724	ng/ul	-0.01
46) Dimethylphthalate-d6	14.303	166	359761	30.258	ng/ul	-0.01
49) Acenaphthylene-d8	14.609	160	444590	30.108	ng/ul	0.00
54) 4-Nitrophenol-d4	15.079	143	60336	31.205	ng/ul	0.00
60) Fluorene-d10	15.901	176	314925	29.563	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.007	200	65266	36.581	ng/ul	0.00
73) Anthracene-d10	17.757	188	493243	30.195	ng/ul	0.00
81) Pyrene-d10	20.031	212	598010	31.648	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	550982	33.188	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	13479	10.354	ng/uL	85
5) Pyridine	4.052	79	96940	25.638	ng/ul	93
6) Benzaldehyde	7.395	77	97107	33.649	ng/ul	97
8) Phenol	7.436	94	133950	29.124	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.677	93	94774	27.010	ng/ul	94
12) 2-Chlorophenol	7.830	128	96563	29.262	ng/ul	94
13) 2-Methylphenol	8.705	108	99605	28.703	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.805	45	132487	27.836	ng/ul	99
16) Acetophenone	9.098	105	154937	27.587	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.087	70	93286	27.682	ng/ul	98
18) 4-Methylphenol	9.034	108	105195	28.761	ng/ul	100
19) Hexachloroethane	9.380	117	37979	26.376	ng/ul#	76
22) Nitrobenzene	9.486	77	130633	28.685	ng/ul	99
23) Isophorone	10.015	82	263668	28.839	ng/ul	99
25) 2-Nitrophenol	10.209	139	58095	31.754	ng/ul	96
26) 2,4-Dimethylphenol	10.256	107	114392	25.951	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.491	93	134417	27.688	ng/ul	97
29) 2,4-Dichlorophenol	10.749	162	103583	29.331	ng/ul	96
30) Naphthalene	11.166	128	310309	26.971	ng/ul	99
32) 4-Chloroaniline	11.260	127	130965	26.245	ng/ul	99
33) Hexachlorobutadiene	11.454	225	77454	25.833	ng/ul	94
34) Caprolactam	12.012	113	37390m	34.970	ng/ul	
35) 4-Chloro-3-methylphenol	12.365	107	117595	29.718	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	228623	27.853	ng/ul	99
37) 1-Methylnaphthalene	12.976	142	234551	27.521	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.117	216	149268	28.888	ng/ul	97
40) Hexachlorocyclopentadiene	13.105	237	85445	22.775	ng/ul	97
41) 2,4,6-Trichlorophenol	13.346	196	98649	31.538	ng/ul	99
42) 2,4,5-Trichlorophenol	13.422	196	106369	32.447	ng/ul	100
43) 1,1'-Biphenyl	13.745	154	320773	28.190	ng/ul#	95
44) 2-Chloronaphthalene	13.792	162	250163	28.436	ng/ul	97
45) 2-Nitroaniline	13.980	65	90584	33.706	ng/ul	94
47) Dimethylphthalate	14.350	163	333998	28.934	ng/ul	99
48) 2,6-Dinitrotoluene	14.468	165	74633	33.821	ng/ul	88
50) Acenaphthylene	14.638	152	406830	28.159	ng/ul	97
51) 3-Nitroaniline	14.797	138	71713	33.986	ng/ul	95
52) Acenaphthene	14.973	153	271426	28.437	ng/ul	98
53) 2,4-Dinitrophenol	15.002	184	42916	33.643	ng/ul#	85
55) 4-Nitrophenol	15.090	109	59592	28.726	ng/ul	83
56) Dibenzofuran	15.308	168	394609	28.073	ng/ul	99
57) 2,4-Dinitrotoluene	15.255	165	102953	32.917	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.525	232	98042	31.469	ng/ul#	88
59) Diethylphthalate	15.707	149	337684	28.082	ng/ul	96
61) Fluorene	15.954	166	323877	27.964	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.942	204	181805	28.182	ng/ul	92
63) 4-Nitroaniline	15.960	138	72536	33.518	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.018	198	59216	33.796	ng/ul	99
67) N-Nitrosodiphenylamine	16.148	169	284567	30.896	ng/ul	96
68) 4-Bromophenyl-phenylether	16.835	248	124334	35.652	ng/ul#	87
69) Hexachlorobenzene	16.964	284	137777	31.439	ng/ul#	92
70) Atrazine	17.093	200	88434	21.397	ng/ul	97
71) Pentachlorophenol	17.305	266	81929	30.513	ng/ul	94
72) Phenanthrene	17.699	178	527728	29.962	ng/ul	99
74) Anthracene	17.793	178	508197	28.561	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.722	216	156493	29.705	ng/uL	99
76) Pentachlorobenzene	15.231	250	157365	31.247	ng/uL	99
77) Carbazole	18.051	167	475324	29.832	ng/ul	98
78) Di-n-butylphthalate	18.603	149	564620	29.445	ng/ul	99
80) Fluoranthene	19.702	202	662612	30.550	ng/ul#	90
82) Pyrene	20.060	202	627159	29.218	ng/ul#	90
83) Butylbenzylphthalate	20.935	149	234752	32.612	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.858	252	226944	30.671	ng/ul#	97
85) Benzo(a)anthracene	21.957	228	622133	30.457	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.846	149	329622	32.691	ng/ul#	96
87) Chrysene	22.028	228	593274	30.064	ng/ul	99
89) Di-n-octyl phthalate	23.162	149	557993	32.833	ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	655798	31.030	ng/ul#	95
91) Benzo(k)fluoranthene	24.431	252	611218	30.883	ng/ul#	96
93) Benzo(a)pyrene	25.318	252	608574	30.511	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.506	276	717823	32.964	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.588	278	604182	32.485	ng/ul#	93
96) Benzo(g,h,i)perylene	30.769	276	583734	31.633	ng/ul#	90

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

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