Quantitation Report (Qedit)

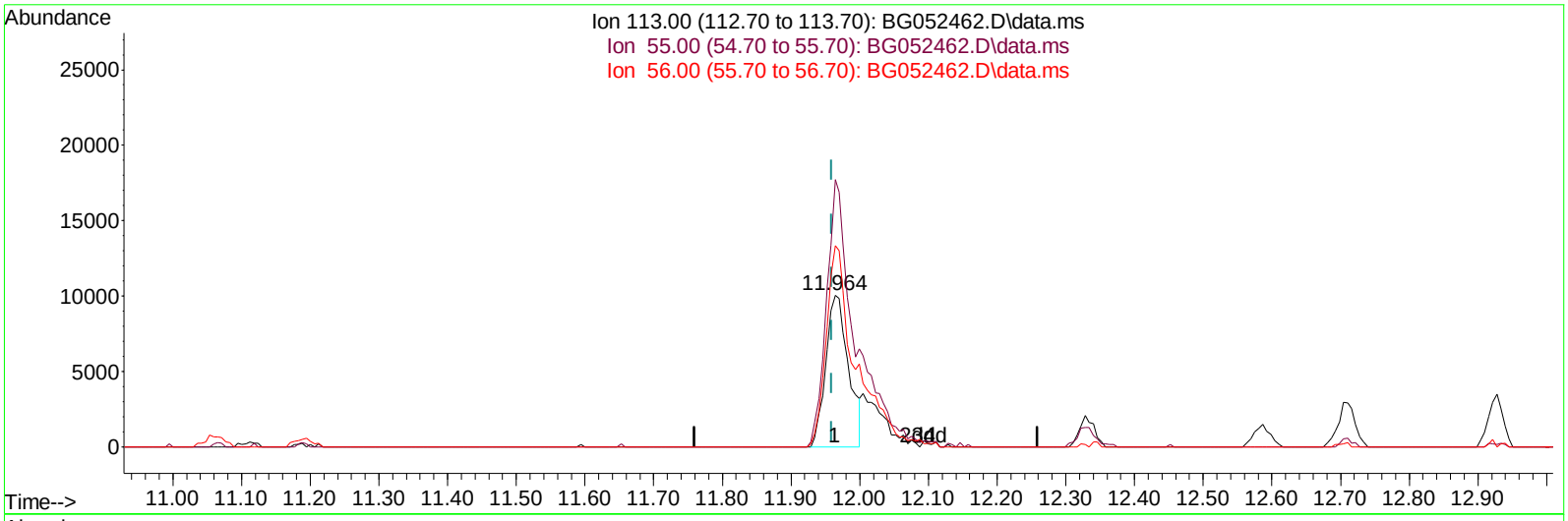
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052462.D
Acq On : 23 Feb 2022 13:46
Operator : CG/JU
Sample : N1622-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

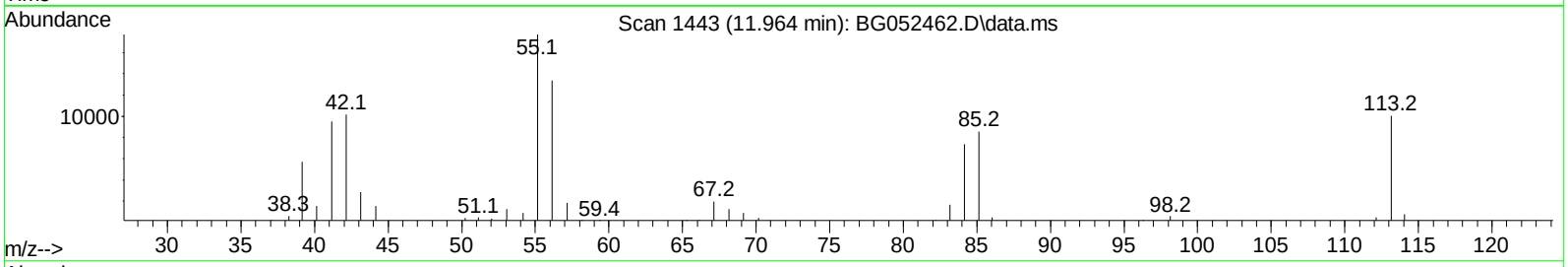
Quant Time: Feb 23 16:16:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

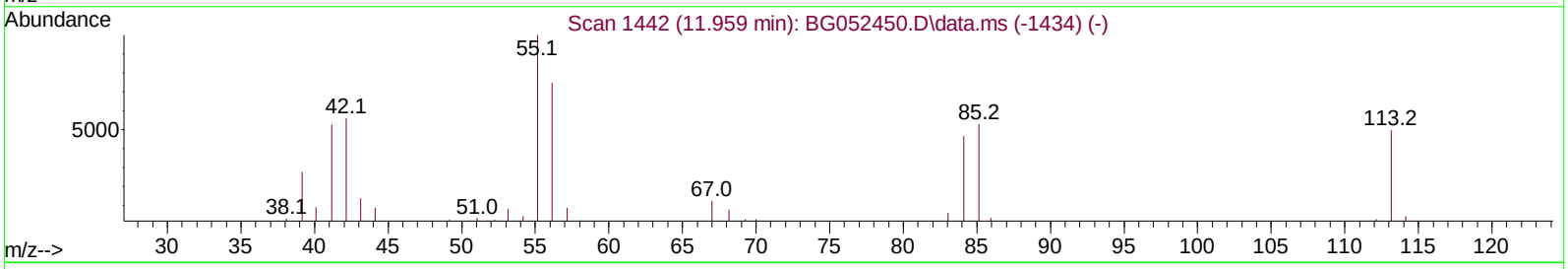
Instrument :
BNA_G
ClientSampleId :
GBD34MS

Manual IntegrationsAPPROVED

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







TIC: BG052462.D\data.ms

(34) Caprolactam

11.964min (+ 0.005) 34.77 ng/ul

response 23117

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.02
56.00	136.50	132.76
0.00	0.00	0.00

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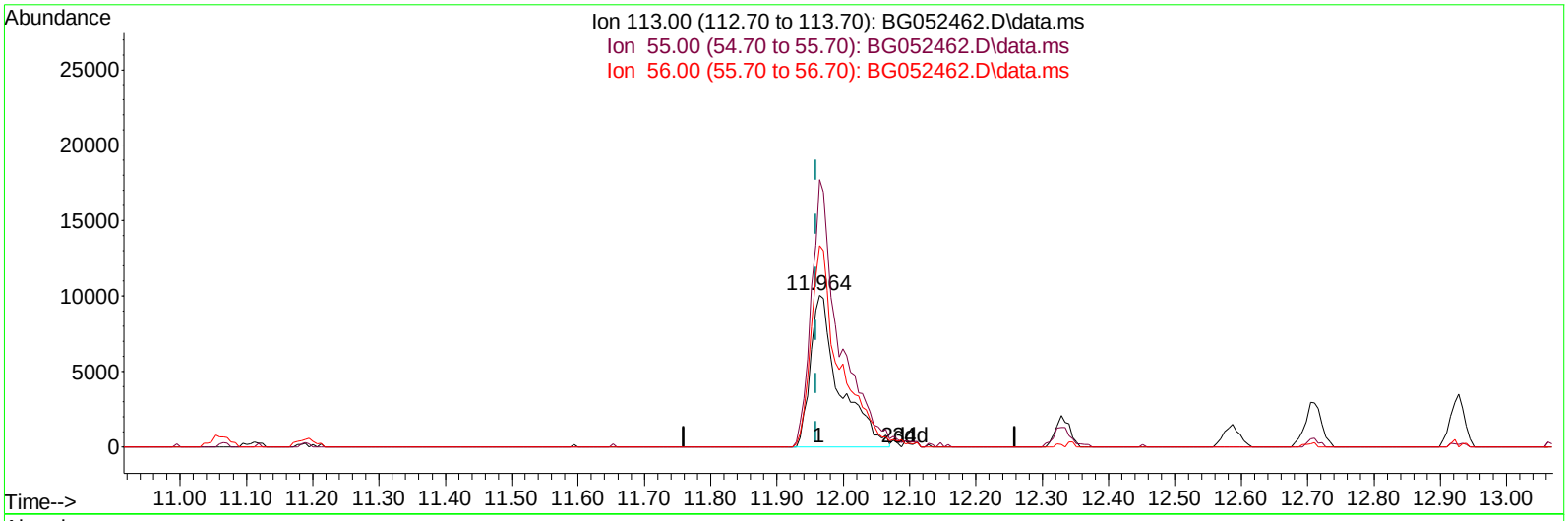

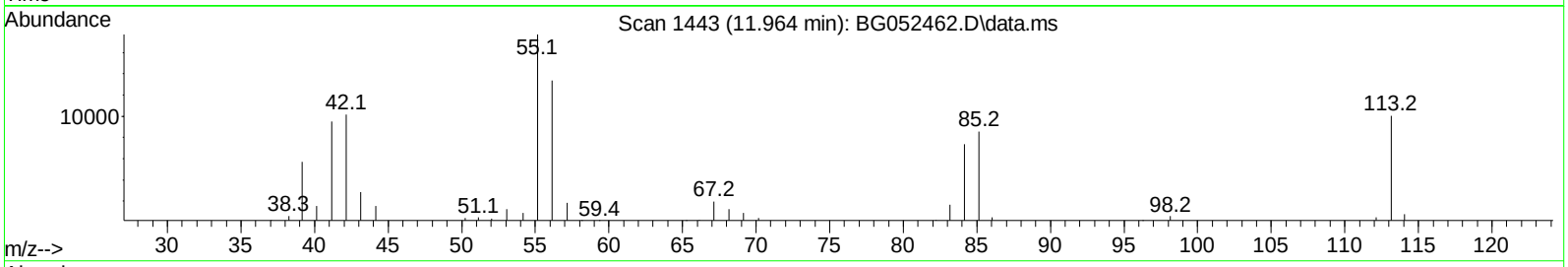

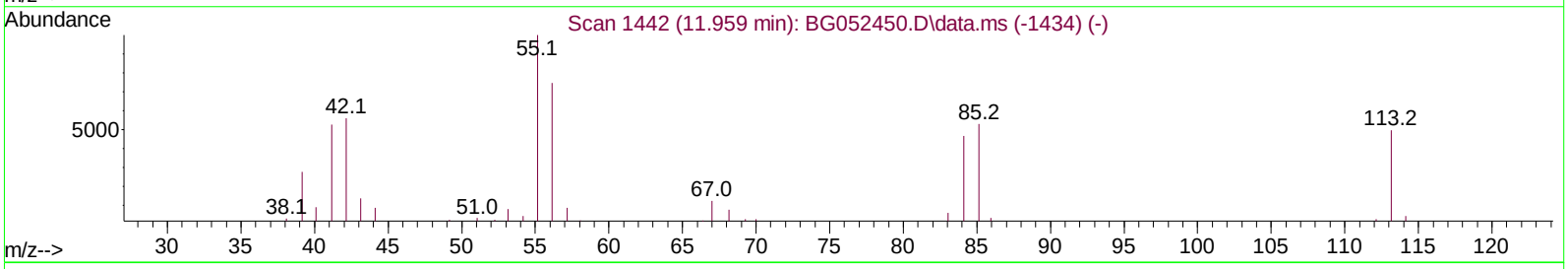

TIC: BG052462.D\data.ms

(34) Caprolactam

11.964min (+ 0.005) 46.00 ng/ul m

response 30584

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.02
56.00	136.50	132.76
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	8.222	152	26854	20.000	ng/ul	0.00
20) Naphthalene-d8	11.059	136	108495	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	80188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.621	188	200069	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	195477	20.000	ng/ul	# 0.00
88) Perylene-d12	25.399	264	205943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4024	5.878	ng/uL	0.00
4) Pyridine-d5	3.975	84	54107	26.199	ng/ul	0.00
7) Phenol-d5	7.370	99	81851	32.144	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	47631	32.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	57046	31.895	ng/ul	0.00
15) 4-Methylphenol-d8	8.933	113	63242	31.920	ng/ul	0.00
21) Nitrobenzene-d5	9.397	128	30357	32.821	ng/ul	0.00
24) 2-Nitrophenol-d4	10.131	143	34197	33.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	67848	35.913	ng/ul	0.00
31) 4-Chloroaniline-d4	11.189	131	78308	29.910	ng/ul	0.00
46) Dimethylphthalate-d6	14.261	166	221239	33.939	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	270920	33.666	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	33915	32.728	ng/ul	0.00
60) Fluorene-d10	15.859	176	192429	33.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	40378	31.829	ng/ul	0.00
73) Anthracene-d10	17.721	188	317157	32.814	ng/ul	0.00
81) Pyrene-d10	19.994	212	388913	34.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.164	264	374438	33.890	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	11707	14.699	ng/uL	99
5) Pyridine	3.992	79	79197	37.983	ng/ul	98
6) Benzaldehyde	7.347	77	60154	41.599	ng/ul	93
8) Phenol	7.400	94	107506	41.743	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.623	93	75020	39.381	ng/ul	99
12) 2-Chlorophenol	7.787	128	74858	40.174	ng/ul	96
13) 2-Methylphenol	8.663	108	79411	40.733	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.745	45	105161	40.334	ng/ul	97
16) Acetophenone	9.050	105	123189	40.357	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.027	70	72511	40.350	ng/ul	98
18) 4-Methylphenol	8.992	108	84531	40.771	ng/ul	94
19) Hexachloroethane	9.326	117	28921	39.697	ng/ul#	72
22) Nitrobenzene	9.438	77	103563	43.678	ng/ul#	97
23) Isophorone	9.967	82	203741	44.542	ng/ul	99
25) 2-Nitrophenol	10.161	139	47190	44.325	ng/ul	98
26) 2,4-Dimethylphenol	10.213	107	95724	43.715	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.443	93	107448	43.401	ng/ul	99
29) 2,4-Dichlorophenol	10.707	162	80178	44.861	ng/ul	98
30) Naphthalene	11.112	128	253448	41.989	ng/ul	97
32) 4-Chloroaniline	11.212	127	94723	35.268	ng/ul	97
33) Hexachlorobutadiene	11.400	225	59316	42.060	ng/ul	94
34) Caprolactam	11.964	113	30584m	45.999	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	93159	46.668	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.710	142	183567	42.442	ng/ul	99
37) 1-Methylnaphthalene	12.927	142	188359	42.794	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.074	216	116638	41.446	ng/ul	96
40) Hexachlorocyclopentadiene	13.057	237	52245	38.350	ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	73853	43.759	ng/ul	95
42) 2,4,5-Trichlorophenol	13.386	196	77581	43.126	ng/ul	99
43) 1,1'-Biphenyl	13.703	154	263620	41.346	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	201180	41.490	ng/ul	98
45) 2-Nitroaniline	13.944	65	70248	44.357	ng/ul	93
47) Dimethylphthalate	14.308	163	269025	42.219	ng/ul	99
48) 2,6-Dinitrotoluene	14.431	165	61552	44.110	ng/ul#	85
50) Acenaphthylene	14.596	152	336035	41.787	ng/ul	97
51) 3-Nitroaniline	14.766	138	55716	49.028	ng/ul	98
52) Acenaphthene	14.931	153	221357	41.855	ng/ul	98
53) 2,4-Dinitrophenol	14.972	184	29627	42.936	ng/ul	87
55) 4-Nitrophenol	15.077	109	42894	42.679	ng/ul	88
56) Dibenzofuran	15.265	168	315569	41.507	ng/ul	99
57) 2,4-Dinitrotoluene	15.224	165	87023	43.053	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.495	232	71182	43.659	ng/ul#	86
59) Diethylphthalate	15.665	149	277562	43.090	ng/ul	96
61) Fluorene	15.918	166	267133	41.771	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.900	204	144936	41.643	ng/ul	92
63) 4-Nitroaniline	15.929	138	59108	54.173	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.988	198	52068	42.351	ng/ul#	94
67) N-Nitrosodiphenylamine	16.111	169	239296	42.451	ng/ul	96
68) 4-Bromophenyl-phenylether	16.793	248	102569	42.714	ng/ul#	86
69) Hexachlorobenzene	16.928	284	114806	41.667	ng/ul#	86
70) Atrazine	17.051	200	93995	37.835	ng/ul	98
71) Pentachlorophenol	17.269	266	53779	43.335	ng/ul	97
72) Phenanthrene	17.662	178	442910	41.103	ng/ul	98
74) Anthracene	17.756	178	438649	40.446	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.673	216	120537	38.086	ng/uL	97
76) Pentachlorobenzene	15.189	250	124539	41.217	ng/uL	98
77) Carbazole	18.021	167	404137	41.955	ng/ul	98
78) Di-n-butylphthalate	18.555	149	476958	41.634	ng/ul	100
80) Fluoranthene	19.665	202	568746	42.116	ng/ul#	90
82) Pyrene	20.030	202	556261	41.480	ng/ul#	88
83) Butylbenzylphthalate	20.893	149	207733	42.850	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.815	252	184841	42.806	ng/ul#	98
85) Benzo(a)anthracene	21.915	228	558847	42.191	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.792	149	295980	43.556	ng/ul#	99
87) Chrysene	21.986	228	525598	41.391	ng/ul	98
89) Di-n-octyl phthalate	23.078	149	493705	41.457	ng/ul	100
90) Benzo(b)fluoranthene	24.294	252	596724	41.559	ng/ul#	96
91) Benzo(k)fluoranthene	24.365	252	547590	41.346	ng/ul#	96
93) Benzo(a)pyrene	25.240	252	560267	41.478	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.399	276	650234	42.334	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.464	278	555593	42.374	ng/ul#	94
96) Benzo(g,h,i)perylene	30.651	276	550280	42.670	ng/ul#	91

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

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