Quantitation Report (Qedit)

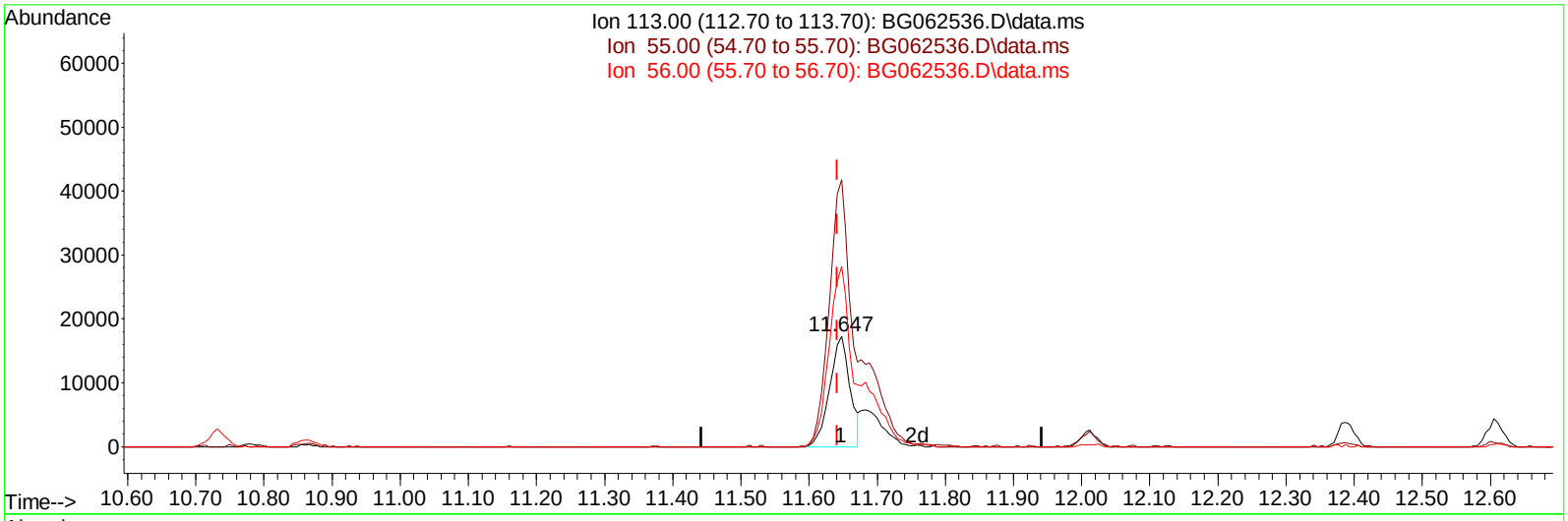
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
Data File : BG062536.D
Acq On : 22 Aug 2024 11:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

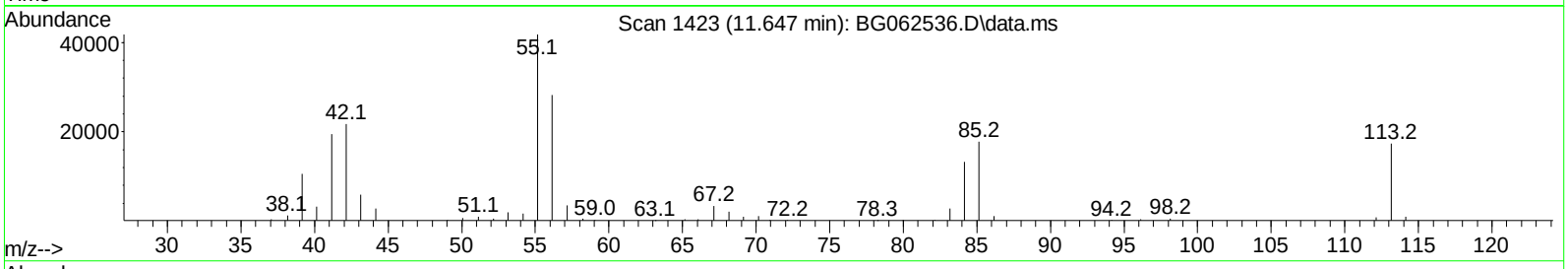
Quant Time: Aug 22 13:10:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

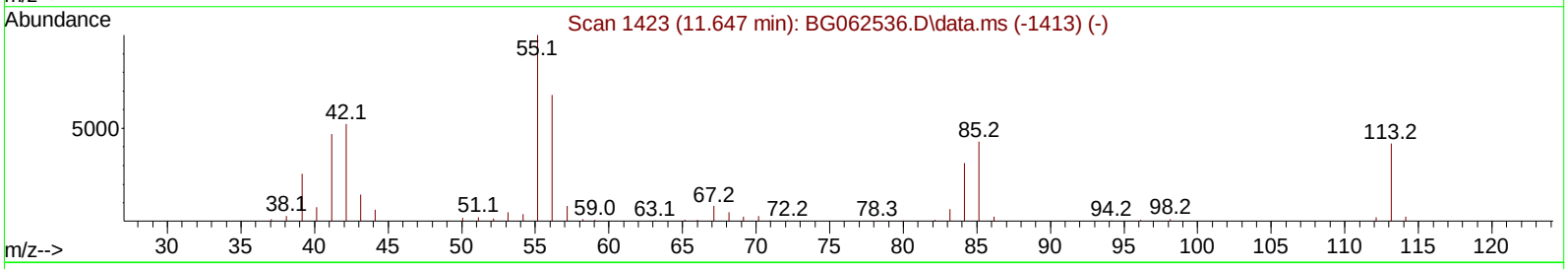
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024







TIC: BG062536.D\data.ms

(34) Caprolactam

11.647min (+ 0.006) 15.91 ng/ul

response 35893

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.93
56.00	178.20	162.57
0.00	0.00	0.00

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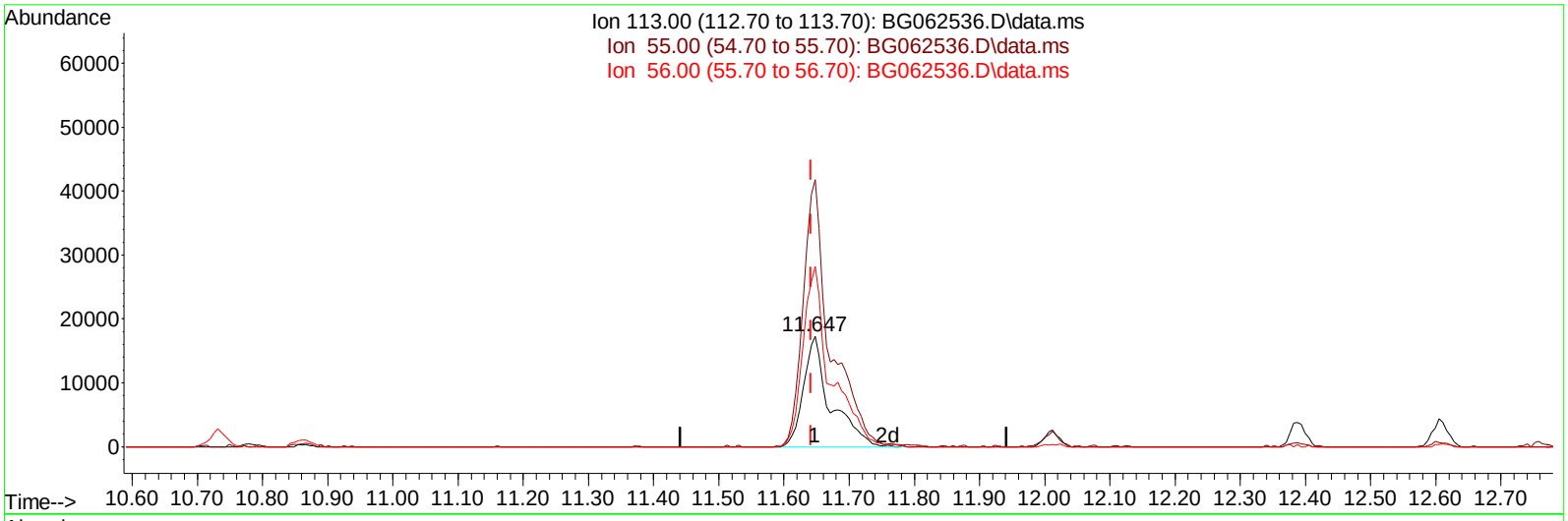

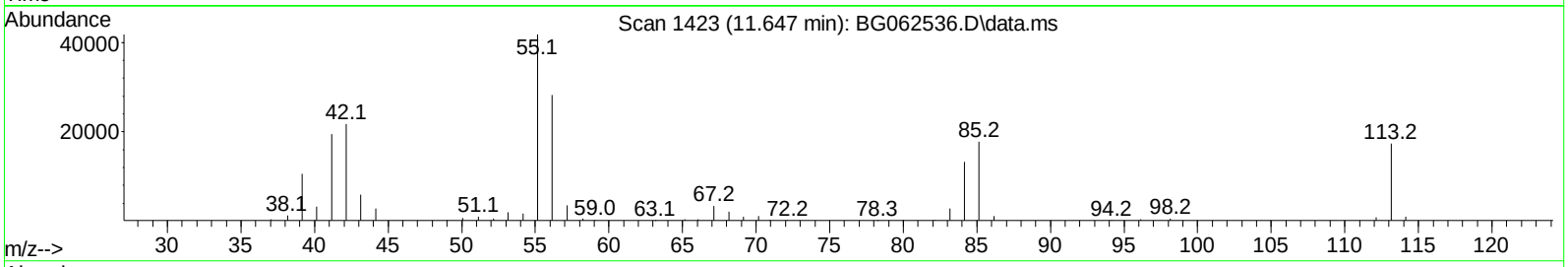

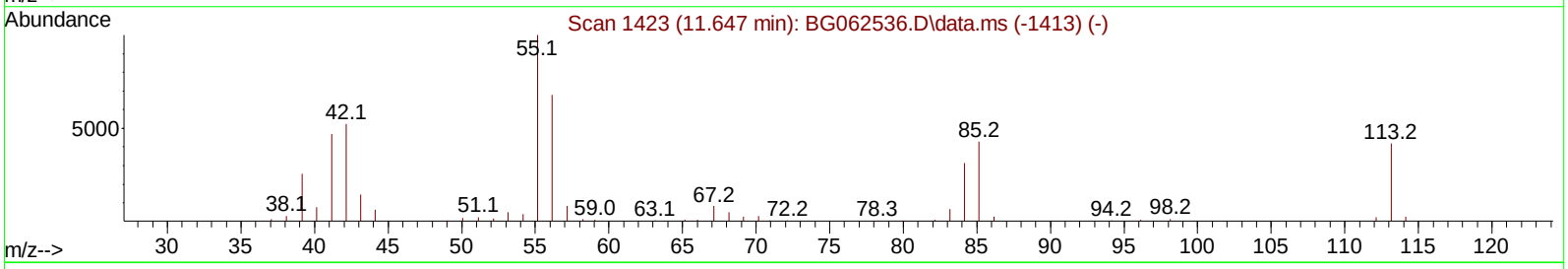

TIC: BG062536.D\data.ms

(34) Caprolactam

11.647min (+ 0.006) 21.92 ng/ul m

response 49470

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.93
56.00	178.20	162.57
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	7.935	152	70170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	335299	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	269710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	612284	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	535816	20.000	ng/ul	0.01
88) Perylene-d12	24.647	264	605971	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	12686	6.864	ng/uL	0.00
4) Pyridine-d5	3.805	84	97854	17.375	ng/ul	0.00
7) Phenol-d5	7.101	99	133396	19.110	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	82169	18.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	94697	19.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	108141	18.482	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	48578	22.592	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	51452	24.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	116503	21.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	156547	18.119	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	384516	18.328	ng/ul	0.00
49) Acenaphthylene-d8	14.256	160	429139	18.474	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	65848	19.675	ng/ul	0.00
60) Fluorene-d10	15.554	176	358484	18.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	58730	21.111	ng/ul	0.00
73) Anthracene-d10	17.404	188	547467	18.613	ng/ul	0.00
81) Pyrene-d10	19.695	212	618971	19.725	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.436	264	607056	18.877	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	16742	8.486	ng/uL#	85
5) Pyridine	3.823	79	105005	17.720	ng/ul	93
6) Benzaldehyde	7.071	77	82346	22.755	ng/ul	97
8) Phenol	7.130	94	140823	19.225	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.359	93	101139	18.660	ng/ul	99
12) 2-Chlorophenol	7.506	128	101699	20.619	ng/ul	94
13) 2-Methylphenol	8.375	108	108174	19.625	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.458	45	207580	18.555	ng/ul	99
16) Acetophenone	8.751	105	174268	18.181	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.740	70	93223	18.431	ng/ul	97
18) 4-Methylphenol	8.704	108	119756	18.968	ng/ul	99
19) Hexachloroethane	9.022	117	37419	19.067	ng/ul	92
22) Nitrobenzene	9.133	77	126583	20.841	ng/ul	99
23) Isophorone	9.656	82	261916	18.259	ng/ul	100
25) 2-Nitrophenol	9.844	139	58094	24.310	ng/ul	95
26) 2,4-Dimethylphenol	9.903	107	120644	18.512	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.138	93	150027	18.803	ng/ul	97
29) 2,4-Dichlorophenol	10.379	162	115318	20.612	ng/ul	97
30) Naphthalene	10.784	128	360298	18.528	ng/ul	99
32) 4-Chloroaniline	10.884	127	152586	18.166	ng/ul	97
33) Hexachlorobutadiene	11.072	225	76466	17.980	ng/ul	100
34) Caprolactam	11.647	113	49470m	21.923	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	136594	20.865	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.388	142	261859	19.068	ng/ul	100
37) 1-Methylnaphthalene	12.611	142	266986	19.054	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.758	216	163037	18.102	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	118493	25.667	ng/ul	90
41) 2,4,6-Trichlorophenol	12.999	196	109765	21.186	ng/ul	90
42) 2,4,5-Trichlorophenol	13.069	196	117187	21.544	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	372531	18.232	ng/ul	96
44) 2-Chloronaphthalene	13.439	162	291714	18.450	ng/ul	98
45) 2-Nitroaniline	13.639	65	92260	22.528	ng/ul	95
47) Dimethylphthalate	14.021	163	388148	18.249	ng/ul	100
48) 2,6-Dinitrotoluene	14.132	165	69442	22.860	ng/ul	96
50) Acenaphthylene	14.285	152	457248	18.385	ng/ul	98
51) 3-Nitroaniline	14.461	138	74406	21.497	ng/ul	96
52) Acenaphthene	14.632	153	347991	18.696	ng/ul	99
53) 2,4-Dinitrophenol	14.667	184	39823	20.783	ng/ul	94
55) 4-Nitrophenol	14.773	109	57384	19.975	ng/ul	98
56) Dibenzofuran	14.961	168	492274	18.801	ng/ul	99
57) 2,4-Dinitrotoluene	14.919	165	105078	22.724	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.184	232	113115	21.629	ng/ul	99
59) Diethylphthalate	15.384	149	404405	19.052	ng/ul	98
61) Fluorene	15.613	166	378028	18.318	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.607	204	196642	18.542	ng/ul	99
63) 4-Nitroaniline	15.624	138	74055	20.470	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.683	198	66907	21.345	ng/ul#	97
67) N-Nitrosodiphenylamine	15.818	169	346500	19.522	ng/ul	99
68) 4-Bromophenyl-phenylether	16.500	248	135157	19.669	ng/ul	96
69) Hexachlorobenzene	16.617	284	153266	19.145	ng/ul	97
70) Atrazine	16.770	200	138824	18.757	ng/ul	98
71) Pentachlorophenol	16.958	266	94437	20.214	ng/ul	99
72) Phenanthrene	17.351	178	621611	18.067	ng/ul	99
74) Anthracene	17.440	178	642699	18.236	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.363	216	169897	19.411	ng/ul	97
76) Pentachlorobenzene	14.884	250	177581	19.341	ng/ul	99
77) Carbazole	17.710	167	522177	17.638	ng/ul	99
78) Di-n-butylphthalate	18.274	149	649531	18.340	ng/ul	99
80) Fluoranthene	19.361	202	709856	20.249	ng/ul	99
82) Pyrene	19.725	202	747751	19.790	ng/ul	98
83) Butylbenzylphthalate	20.618	149	266944	20.974	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.458	252	234141	20.021	ng/ul	90
85) Benzo(a)anthracene	21.540	228	733660	18.864	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.458	149	389419	20.942	ng/ul	98
87) Chrysene	21.605	228	689418	18.699	ng/ul	98
89) Di-n-octyl phthalate	22.633	149	656036	20.300	ng/ul	100
90) Benzo(b)fluoranthene	23.672	252	687959	18.793	ng/ul	99
91) Benzo(k)fluoranthene	23.737	252	696039	18.837	ng/ul	100
93) Benzo(a)pyrene	24.501	252	650536	18.850	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.131	276	842989	19.219	ng/ul	98
95) Dibenzo(a,h)anthracene	28.196	278	683778	19.233	ng/ul	98
96) Benzo(g,h,i)perylene	29.224	276	644892	19.117	ng/ul	98

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

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