Quantitation Report (Qedit)

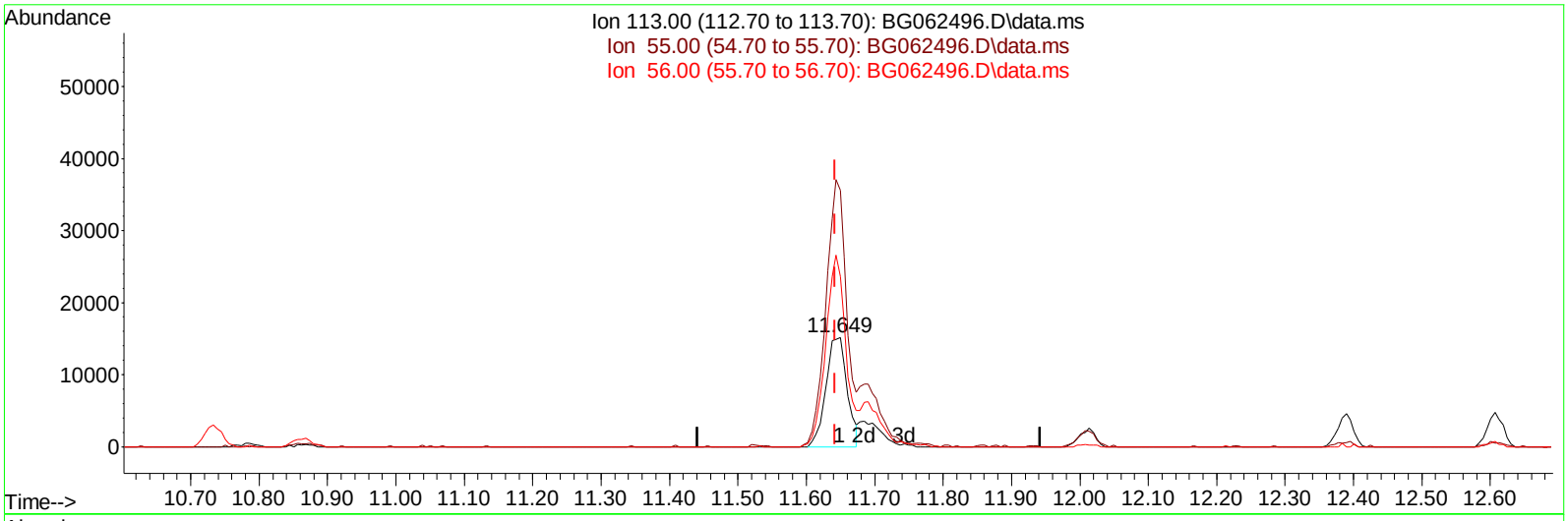
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082024\
Data File : BG062496.D
Acq On : 21 Aug 2024 4:47
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

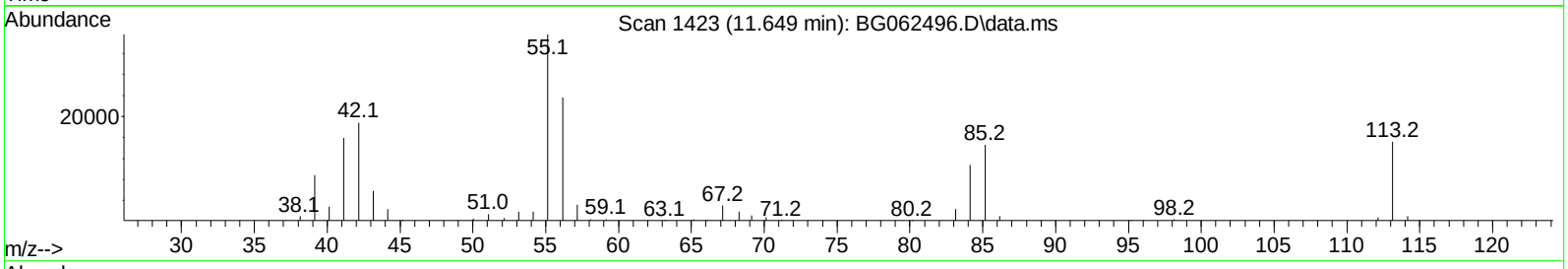
Quant Time: Aug 21 05:25:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

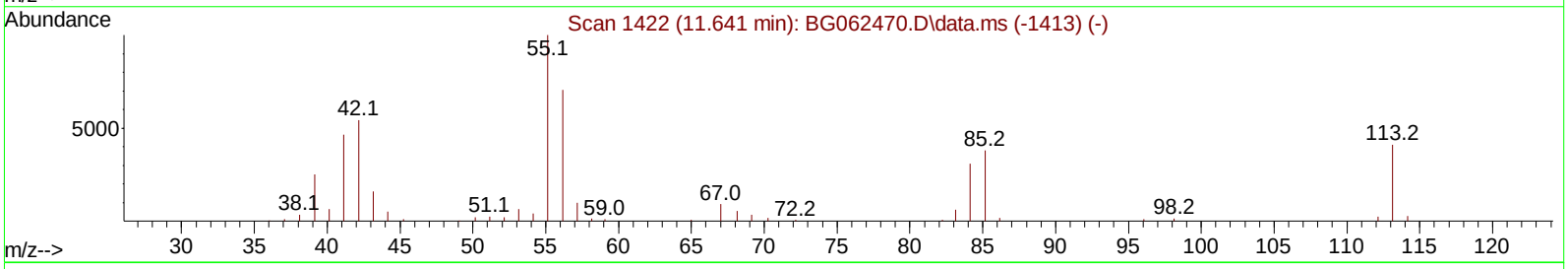
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062496.D\data.ms

(34) Caprolactam

11.649min (+ 0.008) 13.00 ng/ul

response 32634

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	234.66
56.00	178.20	155.53
0.00	0.00	0.00

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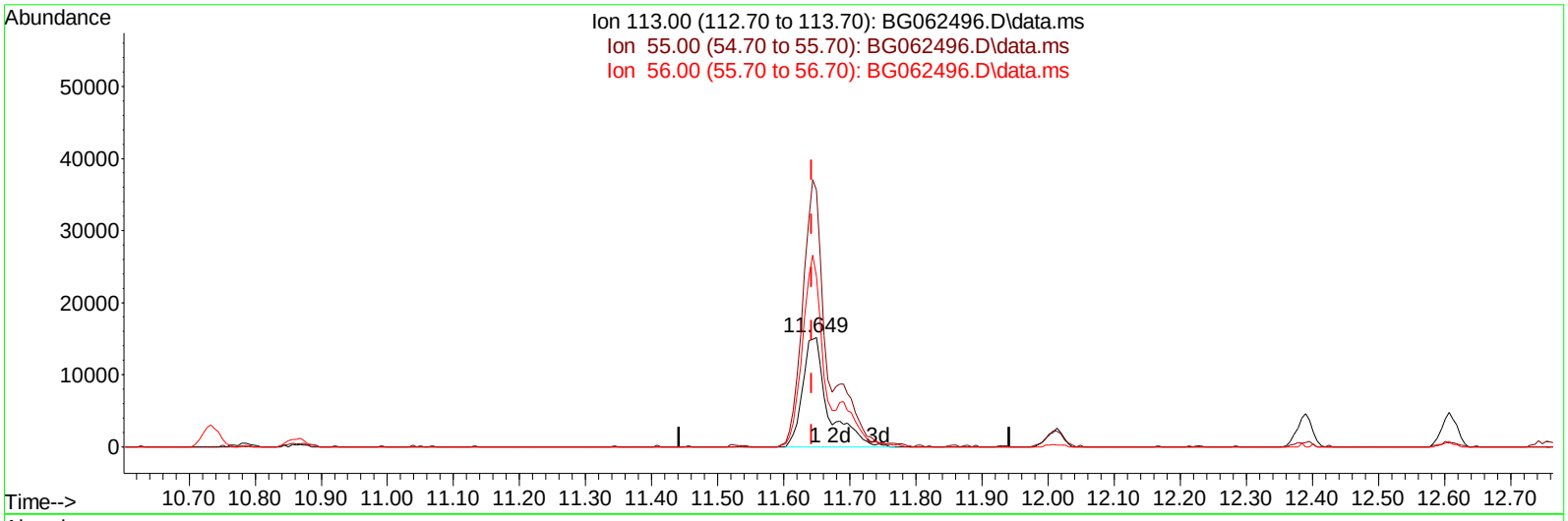

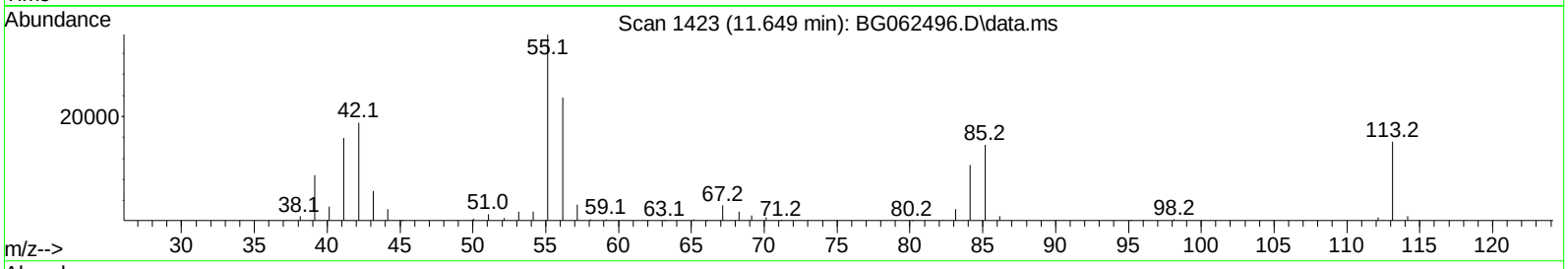

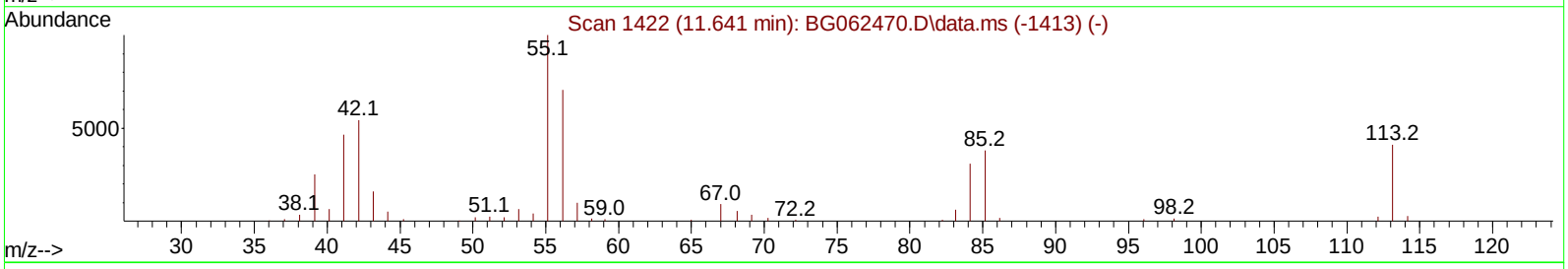

TIC: BG062496.D\data.ms

(34) Caprolactam

11.649min (+ 0.008) 16.26 ng/ul m

response 40793

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	234.66
56.00	178.20	155.53
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	7.943	152	75898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	372873	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	277184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	572320	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	554277	20.000	ng/ul	0.00
88) Perylene-d12	24.620	264	646868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	14667	7.337	ng/uL	0.00
4) Pyridine-d5	3.813	84	120103	19.716	ng/ul	0.00
7) Phenol-d5	7.103	99	149602	19.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	85055	17.883	ng/ul	0.00
11) 2-Chlorophenol-d4	7.473	132	107863	20.913	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	126205	19.941	ng/ul	0.00
21) Nitrobenzene-d5	9.094	128	54888	22.954	ng/ul	0.00
24) 2-Nitrophenol-d4	9.817	143	62788	26.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	129869	21.435	ng/ul	0.00
31) 4-Chloroaniline-d4	10.862	131	169422	17.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	377575	17.512	ng/ul	0.00
49) Acenaphthylene-d8	14.252	160	440605	18.457	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	64612	18.785	ng/ul	0.00
60) Fluorene-d10	15.550	176	350286	18.013	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	63422	24.389	ng/ul	0.00
73) Anthracene-d10	17.400	188	511720	18.612	ng/ul	0.00
81) Pyrene-d10	19.680	212	616737	18.999	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.409	264	635230	18.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	15940	7.470	ng/uL	87
5) Pyridine	3.831	79	128444	20.040	ng/ul	94
6) Benzaldehyde	7.079	77	87871	22.450	ng/ul	98
8) Phenol	7.132	94	160192	20.219	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.361	93	106178	18.112	ng/ul	99
12) 2-Chlorophenol	7.508	128	110936	20.794	ng/ul	98
13) 2-Methylphenol	8.377	108	120223	20.165	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.460	45	228421	18.877	ng/ul	97
16) Acetophenone	8.759	105	187308	18.067	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.747	70	97979	17.909	ng/ul	96
18) 4-Methylphenol	8.706	108	133866	19.603	ng/ul	98
19) Hexachloroethane	9.023	117	42917	20.218	ng/ul	88
22) Nitrobenzene	9.135	77	142866	21.152	ng/ul	97
23) Isophorone	9.658	82	273115	17.122	ng/ul	99
25) 2-Nitrophenol	9.846	139	68684	25.845	ng/ul	98
26) 2,4-Dimethylphenol	9.905	107	139941	19.310	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.140	93	160249	18.061	ng/ul	98
29) 2,4-Dichlorophenol	10.380	162	133512	21.459	ng/ul	97
30) Naphthalene	10.786	128	405737	18.762	ng/ul	99
32) 4-Chloroaniline	10.886	127	163877	17.544	ng/ul	99
33) Hexachlorobutadiene	11.074	225	90873	19.214	ng/ul	96
34) Caprolactam	11.649	113	40793m	16.256	ng/ul	
35) 4-Chloro-3-methylphenol	12.008	107	142720	19.604	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.390	142	285003	18.662	ng/ul	97
37) 1-Methylnaphthalene	12.607	142	289961	18.609	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.754	216	180096	19.457	ng/ul	99
40) Hexachlorocyclopentadiene	12.742	237	89864	18.941	ng/ul	98
41) 2,4,6-Trichlorophenol	12.995	196	113600	21.335	ng/ul	98
42) 2,4,5-Trichlorophenol	13.065	196	124579	22.285	ng/ul	99
43) 1,1'-Biphenyl	13.394	154	402722	19.178	ng/ul	100
44) 2-Chloronaphthalene	13.435	162	315528	19.418	ng/ul	99
45) 2-Nitroaniline	13.635	65	99181	23.565	ng/ul	98
47) Dimethylphthalate	14.017	163	383759	17.556	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	74835	23.971	ng/ul#	86
50) Acenaphthylene	14.281	152	472020	18.467	ng/ul	98
51) 3-Nitroaniline	14.457	138	75391	21.195	ng/ul	97
52) Acenaphthene	14.628	153	351584	18.380	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	44147	22.418	ng/ul	100
55) 4-Nitrophenol	14.769	109	55819	18.907	ng/ul	97
56) Dibenzofuran	14.957	168	501000	18.618	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	110391	23.229	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.186	232	109562	20.384	ng/ul	99
59) Diethylphthalate	15.380	149	378776	17.363	ng/ul	99
61) Fluorene	15.609	166	372994	17.586	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.603	204	193768	17.779	ng/ul	99
63) 4-Nitroaniline	15.620	138	71583	19.253	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.679	198	69455	23.705	ng/ul	98
67) N-Nitrosodiphenylamine	15.814	169	329363	19.852	ng/ul	99
68) 4-Bromophenyl-phenylether	16.496	248	130764	20.359	ng/ul	99
69) Hexachlorobenzene	16.613	284	147133	19.662	ng/ul	97
70) Atrazine	16.760	200	129953	18.785	ng/ul	100
71) Pentachlorophenol	16.948	266	93055	21.309	ng/ul	97
72) Phenanthrene	17.342	178	597052	18.565	ng/ul	99
74) Anthracene	17.436	178	606328	18.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.359	216	186350	22.777	ng/ul	98
76) Pentachlorobenzene	14.880	250	180180	20.995	ng/ul	96
77) Carbazole	17.700	167	506095	18.289	ng/ul	99
78) Di-n-butylphthalate	18.264	149	612911	18.515	ng/ul	99
80) Fluoranthene	19.351	202	701727	19.350	ng/ul	99
82) Pyrene	19.709	202	749327	19.171	ng/ul	99
83) Butylbenzylphthalate	20.602	149	271469	20.619	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.442	252	252094	20.838	ng/ul	97
85) Benzo(a)anthracene	21.524	228	755397	18.776	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.448	149	397144	20.646	ng/ul#	98
87) Chrysene	21.589	228	714650	18.737	ng/ul	98
89) Di-n-octyl phthalate	22.611	149	685336	19.866	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	716689	18.340	ng/ul	99
91) Benzo(k)fluoranthene	23.709	252	734271	18.616	ng/ul	100
93) Benzo(a)pyrene	24.479	252	685346	18.604	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.092	276	891289	19.035	ng/ul	98
95) Dibenzo(a,h)anthracene	28.151	278	723933	19.075	ng/ul	99
96) Benzo(g,h,i)perylene	29.173	276	690888	19.186	ng/ul	98

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

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