Quantitation Report (Qedit)

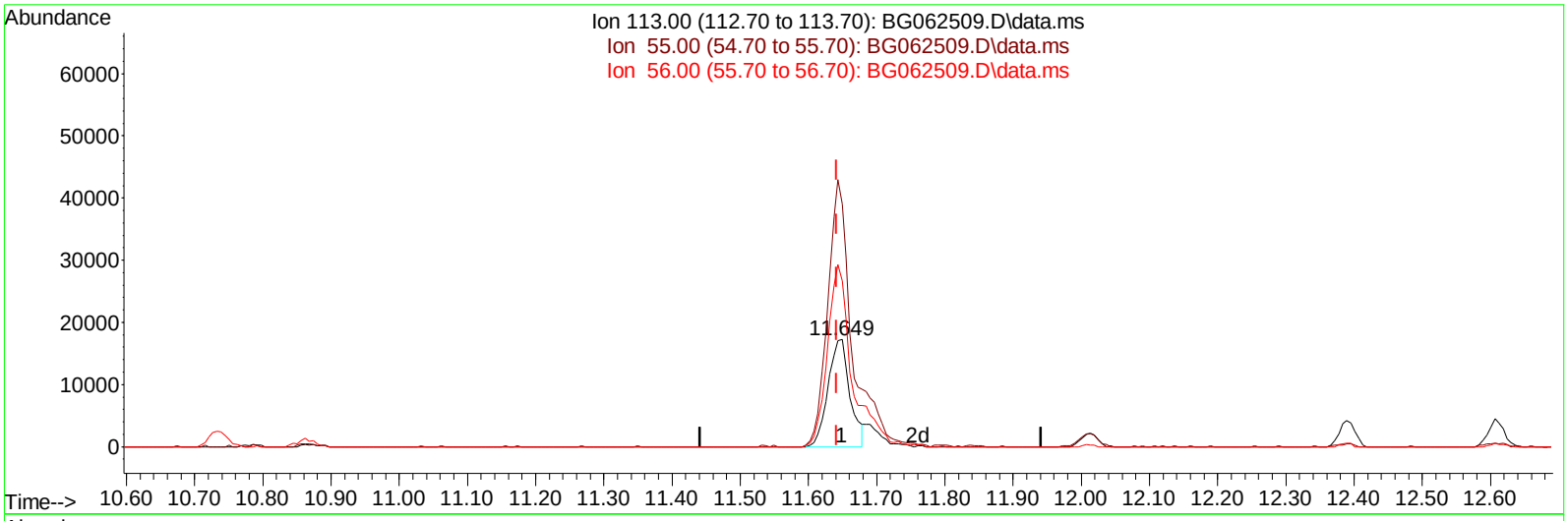
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
Data File : BG062509.D
Acq On : 21 Aug 2024 15:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

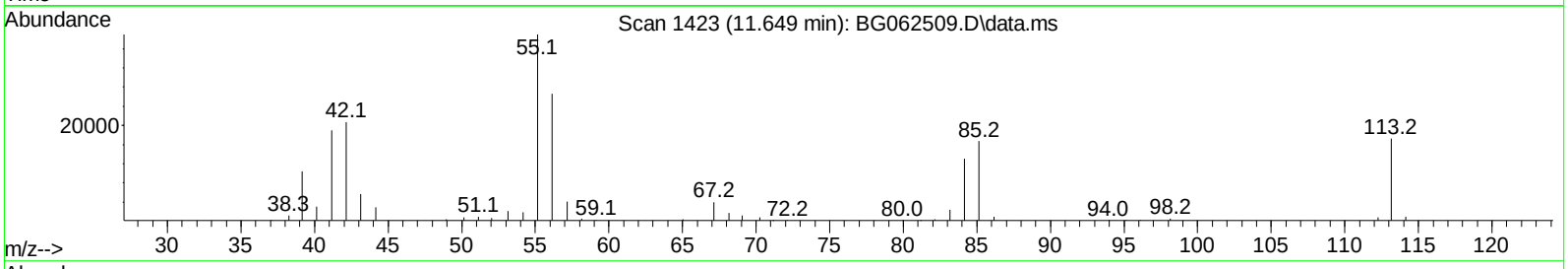
Quant Time: Aug 21 16:49:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

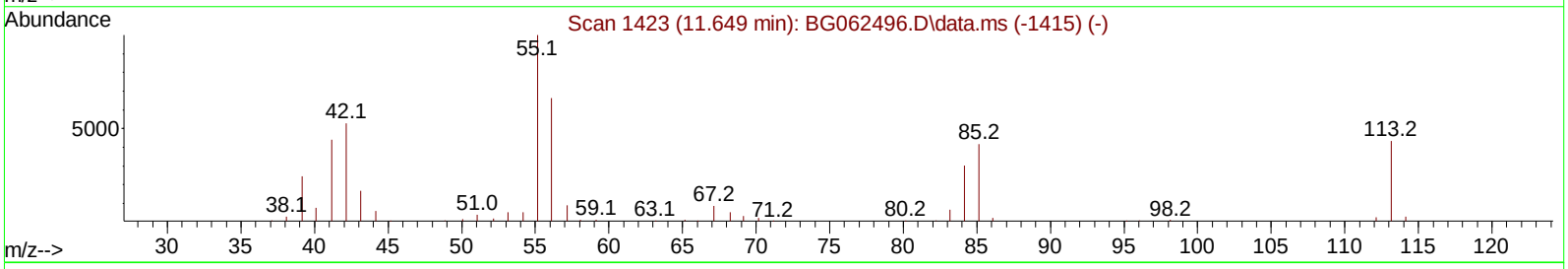
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062509.D\data.ms

(34) Caprolactam

11.649min (+ 0.007) 17.20 ng/ul

response 38283

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	225.87
56.00	178.20	154.47
0.00	0.00	0.00

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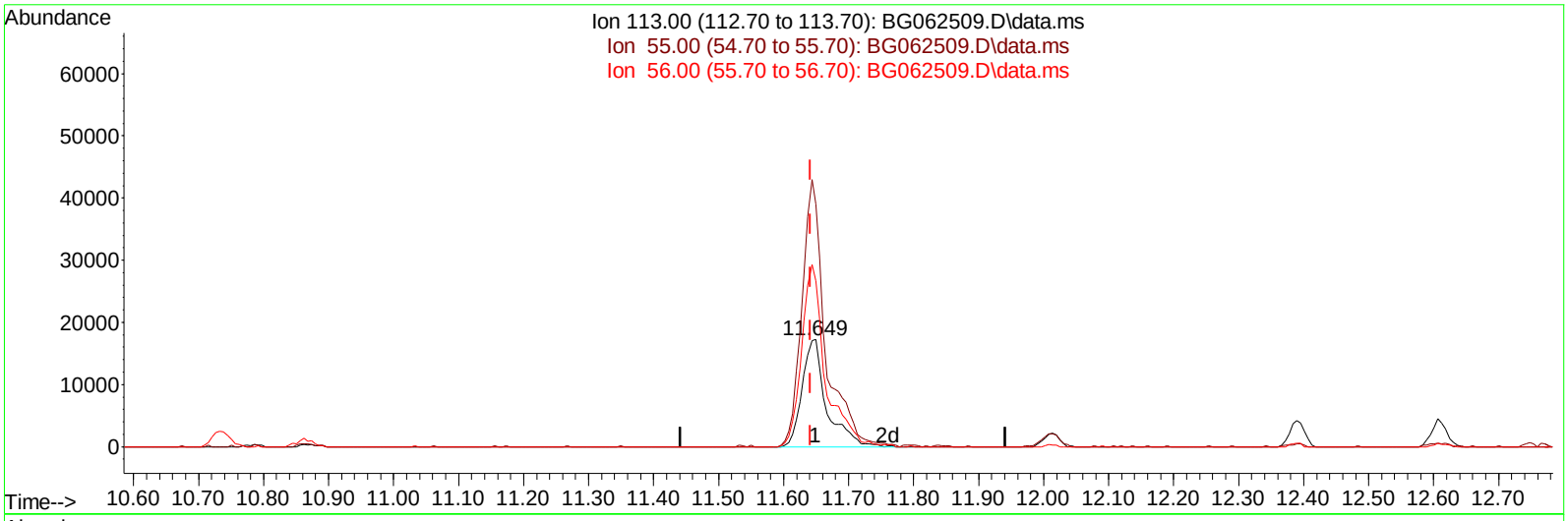

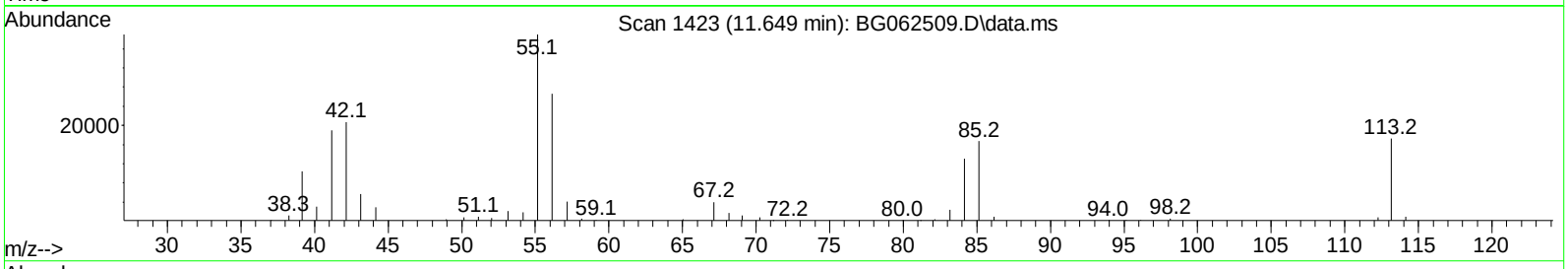

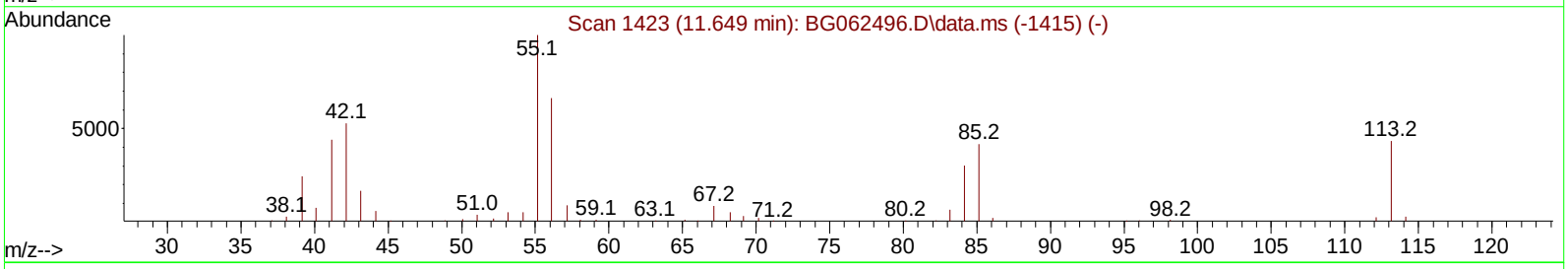

TIC: BG062509.D\data.ms

(34) Caprolactam

11.649min (+ 0.007) 20.01 ng/ul m

response 44535

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	225.87
56.00	178.20	154.47
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	69913	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	330744	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	260490	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.306	188	569551	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	529432	20.000	ng/ul	0.00
88) Perylene-d12	24.626	264	598979	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	14153	7.686	ng/uL	0.00
4) Pyridine-d5	3.813	84	107170	19.099	ng/ul	0.00
7) Phenol-d5	7.102	99	153682	22.097	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	88437	20.186	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	97158	20.450	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	113381	19.448	ng/ul	0.00
21) Nitrobenzene-d5	9.094	128	48117	22.685	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	55568	26.336	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	114168	21.244	ng/ul	0.00
31) 4-Chloroaniline-d4	10.862	131	152774	17.926	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	355325	17.536	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	413813	18.445	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	60428	18.695	ng/ul	0.00
60) Fluorene-d10	15.556	176	328690	17.986	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	60064	23.210	ng/ul	0.00
73) Anthracene-d10	17.400	188	508893	18.600	ng/ul	0.00
81) Pyrene-d10	19.685	212	598365	19.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.414	264	586191	18.441	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	18667	9.497	ng/uL	90
5) Pyridine	3.830	79	113609	19.243	ng/ul	96
6) Benzaldehyde	7.079	77	91465	25.368	ng/ul	98
8) Phenol	7.132	94	160120	21.940	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.361	93	111664	20.678	ng/ul	100
12) 2-Chlorophenol	7.508	128	101930	20.741	ng/ul	99
13) 2-Methylphenol	8.377	108	105804	19.266	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.459	45	203990	18.301	ng/ul#	97
16) Acetophenone	8.759	105	170625	17.867	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.741	70	90834	18.024	ng/ul	96
18) 4-Methylphenol	8.706	108	121887	19.377	ng/ul	96
19) Hexachloroethane	9.023	117	38395	19.636	ng/ul	97
22) Nitrobenzene	9.135	77	125267	20.908	ng/ul	99
23) Isophorone	9.658	82	250446	17.700	ng/ul	98
25) 2-Nitrophenol	9.846	139	60902	25.836	ng/ul	98
26) 2,4-Dimethylphenol	9.910	107	128095	19.926	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.145	93	142073	18.052	ng/ul	96
29) 2,4-Dichlorophenol	10.380	162	117681	21.324	ng/ul	99
30) Naphthalene	10.786	128	353954	18.452	ng/ul	99
32) 4-Chloroaniline	10.885	127	148792	17.958	ng/ul	98
33) Hexachlorobutadiene	11.073	225	81331	19.387	ng/ul	99
34) Caprolactam	11.649	113	44535m	20.008	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	132558	20.527	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.389	142	253789	18.734	ng/ul	98
37) 1-Methylnaphthalene	12.607	142	261435	18.915	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.759	216	164231	18.880	ng/ul	98
40) Hexachlorocyclopentadiene	12.742	237	80705	18.100	ng/ul	98
41) 2,4,6-Trichlorophenol	12.994	196	105509	21.086	ng/ul	96
42) 2,4,5-Trichlorophenol	13.065	196	114446	21.784	ng/ul	99
43) 1,1'-Biphenyl	13.400	154	368944	18.695	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	292873	19.178	ng/ul	98
45) 2-Nitroaniline	13.635	65	94100	23.791	ng/ul	93
47) Dimethylphthalate	14.017	163	357970	17.426	ng/ul	100
48) 2,6-Dinitrotoluene	14.134	165	69850	23.808	ng/ul	86
50) Acenaphthylene	14.287	152	435816	18.144	ng/ul	99
51) 3-Nitroaniline	14.463	138	70577	21.113	ng/ul	98
52) Acenaphthene	14.627	153	332073	18.472	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	39911	21.566	ng/ul	87
55) 4-Nitrophenol	14.768	109	52165	18.801	ng/ul	96
56) Dibenzofuran	14.962	168	461449	18.248	ng/ul	100
57) 2,4-Dinitrotoluene	14.915	165	104538	23.407	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.186	232	105720	20.930	ng/ul	99
59) Diethylphthalate	15.385	149	357991	17.462	ng/ul	99
61) Fluorene	15.608	166	359000	18.011	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	188235	18.378	ng/ul	98
63) 4-Nitroaniline	15.620	138	68830	19.699	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.679	198	65139	22.340	ng/ul#	93
67) N-Nitrosodiphenylamine	15.814	169	312676	18.938	ng/ul	98
68) 4-Bromophenyl-phenylether	16.496	248	125378	19.615	ng/ul	97
69) Hexachlorobenzene	16.613	284	144219	19.366	ng/ul	98
70) Atrazine	16.766	200	127302	18.491	ng/ul	99
71) Pentachlorophenol	16.954	266	90490	20.823	ng/ul	100
72) Phenanthrene	17.347	178	588744	18.396	ng/ul	99
74) Anthracene	17.435	178	600183	18.307	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.364	216	169317	20.796	ng/ul	99
76) Pentachlorobenzene	14.880	250	169731	19.873	ng/ul	98
77) Carbazole	17.700	167	496906	18.044	ng/ul	99
78) Di-n-butylphthalate	18.270	149	605532	18.381	ng/ul	99
80) Fluoranthene	19.350	202	677368	19.555	ng/ul	99
82) Pyrene	19.715	202	720307	19.293	ng/ul	98
83) Butylbenzylphthalate	20.608	149	263003	20.913	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.442	252	244699	21.176	ng/ul	98
85) Benzo(a)anthracene	21.524	228	723355	18.824	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.448	149	385118	20.960	ng/ul	100
87) Chrysene	21.589	228	688782	18.907	ng/ul	98
89) Di-n-octyl phthalate	22.611	149	653605	20.461	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	702270	19.408	ng/ul	98
91) Benzo(k)fluoranthene	23.709	252	690301	18.900	ng/ul	99
93) Benzo(a)pyrene	24.473	252	629910	18.466	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.097	276	798167	18.409	ng/ul	100
95) Dibenzo(a,h)anthracene	28.156	278	641933	18.266	ng/ul	99
96) Benzo(g,h,i)perylene	29.190	276	604152	18.119	ng/ul	97

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

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