Quantitation Report (Qedit)

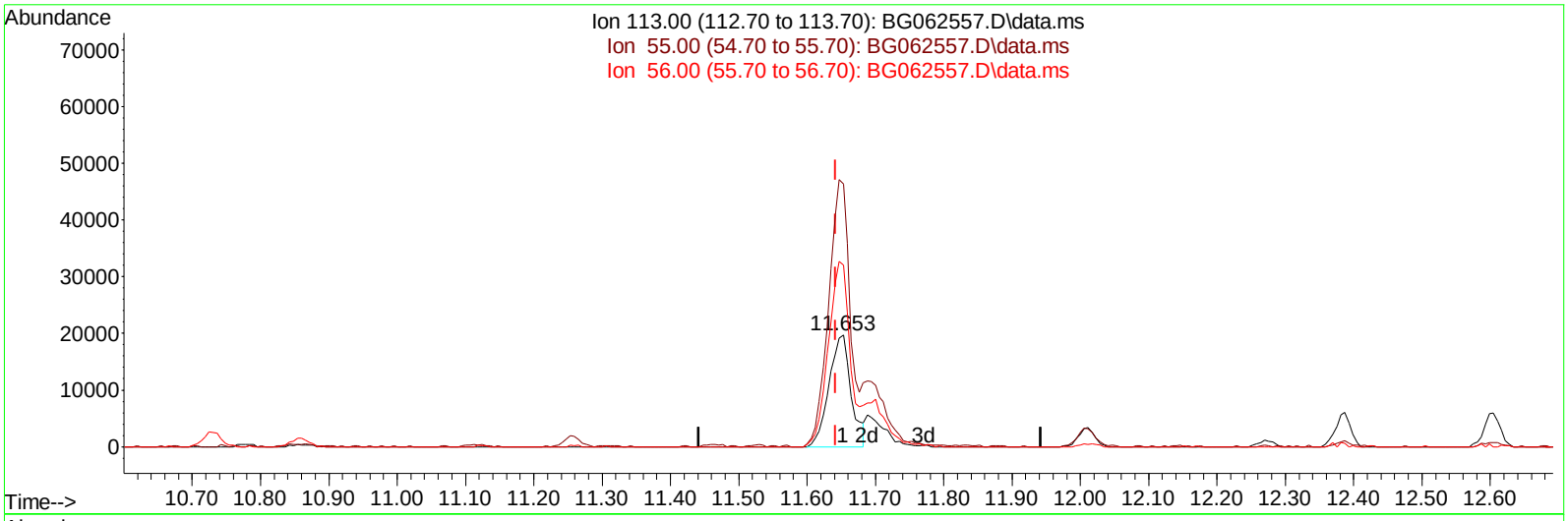
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
Data File : BG062557.D
Acq On : 23 Aug 2024 2:53
Operator : MA/JU
Sample : P3673-21MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

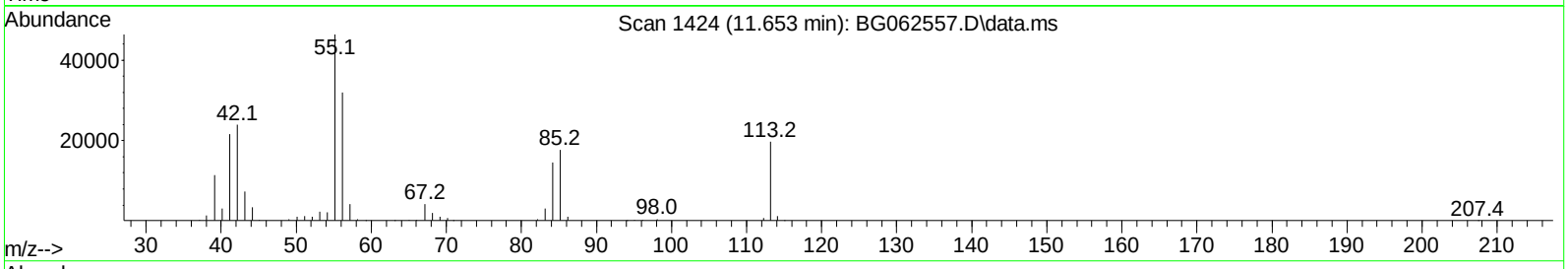
Quant Time: Aug 23 04:12:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

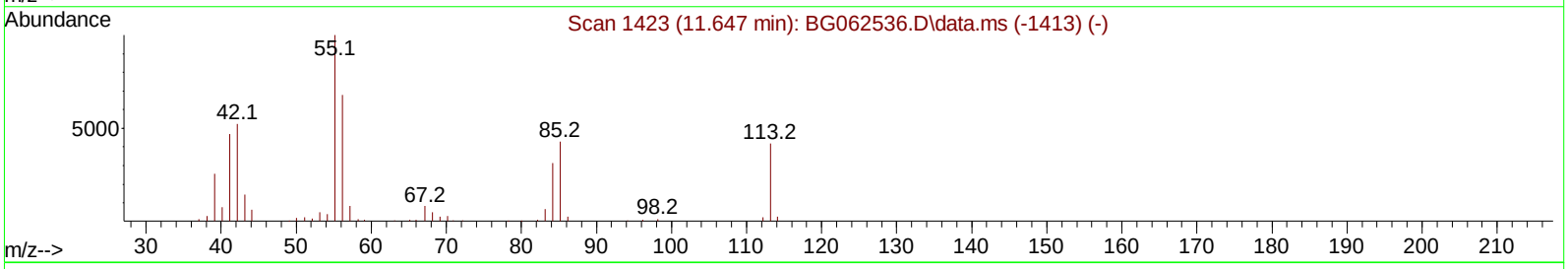
Instrument :
BNA_G
ClientSampleId :
DCXZ4MS

Manual IntegrationsAPPROVED

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







TIC: BG062557.D\data.ms

(34) Caprolactam

11.653min (+ 0.011) 21.35 ng/ul

response 44117

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	234.72
56.00	178.20	162.03
0.00	0.00	0.00

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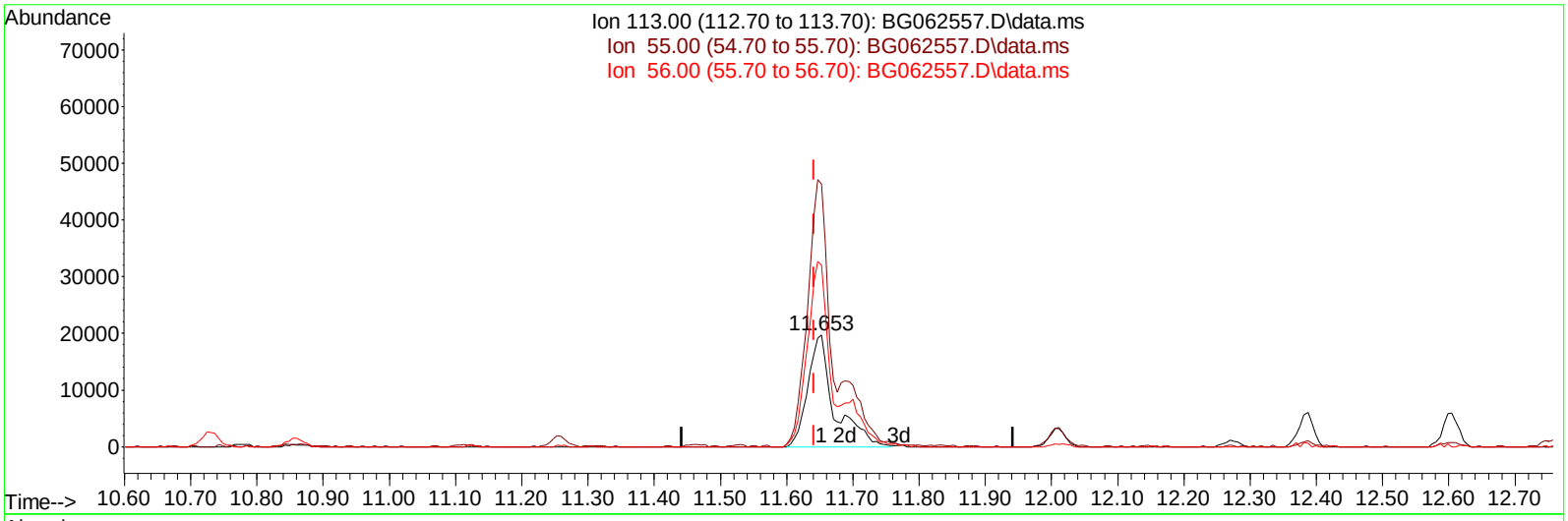

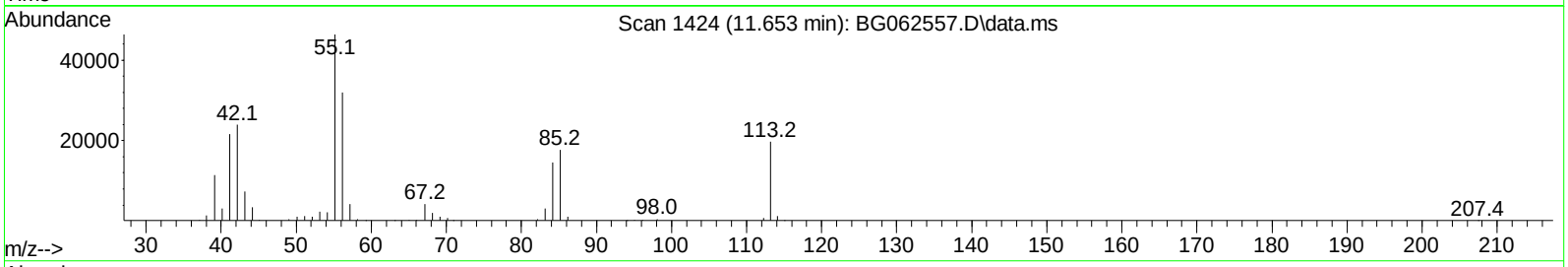

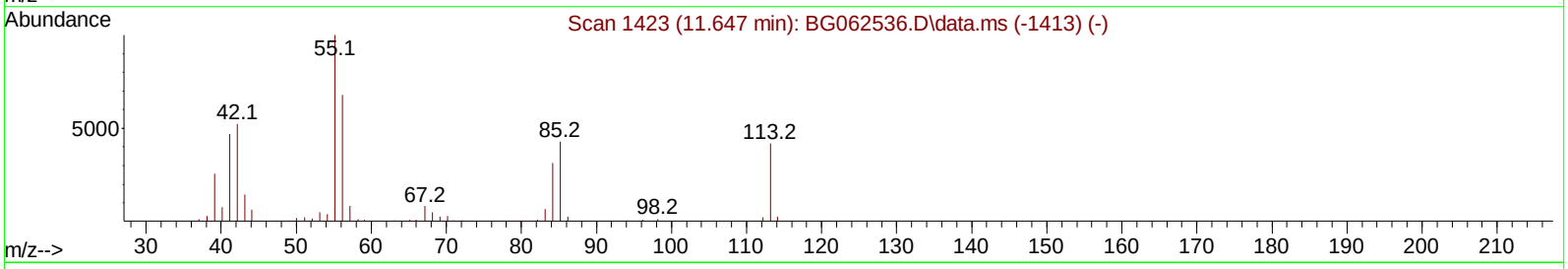

TIC: BG062557.D\data.ms

(34) Caprolactam

11.653min (+ 0.011) 26.52 ng/ul m

response 54808

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	234.72
56.00	178.20	162.03
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	7.934	152	68480	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	307095	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	238903	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	512445	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	447364	20.000	ng/ul	0.00
88) Perylene-d12	24.629	264	504827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6380	3.537	ng/uL	0.00
4) Pyridine-d5	3.805	84	42007	7.643	ng/ul	0.00
7) Phenol-d5	7.100	99	159750	23.450	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	91955	21.429	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	115749	24.873	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	133305	23.344	ng/ul	0.00
21) Nitrobenzene-d5	9.086	128	57459	29.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.808	143	64620	32.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.349	165	135907	27.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	169309	21.396	ng/ul	0.00
46) Dimethylphthalate-d6	13.962	166	432639	23.281	ng/ul	0.00
49) Acenaphthylene-d8	14.249	160	480151	23.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	68461	23.094	ng/ul	0.00
60) Fluorene-d10	15.548	176	396152	23.636	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	74990	32.208	ng/ul	0.00
73) Anthracene-d10	17.398	188	590334	23.981	ng/ul	0.00
81) Pyrene-d10	19.683	212	683623	26.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.418	264	670297	25.019	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	20033	10.405	ng/uL	92
5) Pyridine	3.828	79	152118	26.304	ng/ul	98
6) Benzaldehyde	7.077	77	113128	32.033	ng/ul	96
8) Phenol	7.130	94	216457	30.280	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.359	93	148449	28.065	ng/ul	99
12) 2-Chlorophenol	7.506	128	153903	31.973	ng/ul	97
13) 2-Methylphenol	8.375	108	159065	29.570	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	315653	28.912	ng/ul	96
16) Acetophenone	8.751	105	254047	27.159	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.739	70	135594	27.469	ng/ul	96
18) 4-Methylphenol	8.704	108	179649	29.157	ng/ul	99
19) Hexachloroethane	9.015	117	60470	31.572	ng/ul	99
22) Nitrobenzene	9.133	77	193580	34.799	ng/ul	95
23) Isophorone	9.656	82	374270	28.489	ng/ul	99
25) 2-Nitrophenol	9.844	139	91454	41.785	ng/ul	98
26) 2,4-Dimethylphenol	9.902	107	163286	27.357	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.137	93	215589	29.502	ng/ul	98
29) 2,4-Dichlorophenol	10.378	162	173105	33.782	ng/ul	97
30) Naphthalene	10.778	128	523008	29.365	ng/ul	100
32) 4-Chloroaniline	10.883	127	182772	23.758	ng/ul	100
33) Hexachlorobutadiene	11.065	225	115607	29.680	ng/ul	99
34) Caprolactam	11.653	113	54808m	26.519	ng/ul	
35) 4-Chloro-3-methylphenol	12.011	107	194977	32.518	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	372947	29.651	ng/ul	96
37) 1-Methylnaphthalene	12.605	142	375926	29.293	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	237321	29.747	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	101605	24.847	ng/ul	100
41) 2,4,6-Trichlorophenol	12.992	196	150992	32.902	ng/ul	94
42) 2,4,5-Trichlorophenol	13.063	196	163828	34.002	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	532879	29.442	ng/ul	98
44) 2-Chloronaphthalene	13.433	162	417156	29.785	ng/ul	98
45) 2-Nitroaniline	13.633	65	136964	37.757	ng/ul	96
47) Dimethylphthalate	14.014	163	525537	27.894	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	104932	38.997	ng/ul#	86
50) Acenaphthylene	14.279	152	647872	29.409	ng/ul	99
51) 3-Nitroaniline	14.455	138	100905	32.913	ng/ul	99
52) Acenaphthene	14.625	153	470088	28.513	ng/ul	98
53) 2,4-Dinitrophenol	14.661	184	64743	38.145	ng/ul#	86
55) 4-Nitrophenol	14.772	109	75749	29.768	ng/ul	98
56) Dibenzofuran	14.960	168	663866	28.624	ng/ul	99
57) 2,4-Dinitrotoluene	14.913	165	151455	36.976	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.183	232	147786	31.902	ng/ul	99
59) Diethylphthalate	15.377	149	522676	27.799	ng/ul	98
61) Fluorene	15.606	166	509113	27.851	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.601	204	263036	28.001	ng/ul	99
63) 4-Nitroaniline	15.624	138	103398	32.266	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.683	198	99419	37.896	ng/ul#	98
67) N-Nitrosodiphenylamine	15.812	169	450201	30.306	ng/ul	98
68) 4-Bromophenyl-phenylether	16.493	248	181650	31.586	ng/ul	94
69) Hexachlorobenzene	16.611	284	198344	29.602	ng/ul	98
70) Atrazine	16.764	200	128184	20.694	ng/ul	99
71) Pentachlorophenol	16.952	266	121242	31.008	ng/ul	99
72) Phenanthrene	17.345	178	832476	28.911	ng/ul	99
74) Anthracene	17.433	178	829773	28.131	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.356	216	233497	31.875	ng/ul	98
76) Pentachlorobenzene	14.878	250	231761	30.160	ng/ul	98
77) Carbazole	17.704	167	678371	27.379	ng/ul	98
78) Di-n-butylphthalate	18.267	149	859906	29.011	ng/ul	99
80) Fluoranthene	19.354	202	921151	31.472	ng/ul	100
82) Pyrene	19.718	202	966202	30.627	ng/ul	99
83) Butylbenzylphthalate	20.605	149	362826	34.144	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.446	252	238228	24.398	ng/ul#	99
85) Benzo(a)anthracene	21.528	228	964788	29.712	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	520903	33.551	ng/ul	99
87) Chrysene	21.592	228	900067	29.238	ng/ul	99
89) Di-n-octyl phthalate	22.615	149	896549	33.300	ng/ul	100
90) Benzo(b)fluoranthene	23.654	252	928469	30.445	ng/ul	97
91) Benzo(k)fluoranthene	23.719	252	892880	29.006	ng/ul	98
93) Benzo(a)pyrene	24.488	252	820958	28.555	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.113	276	1056002	28.898	ng/ul	99
95) Dibenzo(a,h)anthracene	28.178	278	870890	29.403	ng/ul	100
96) Benzo(g,h,i)perylene	29.194	276	813083	28.932	ng/ul	97

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

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