Quantitation Report (Qedit)

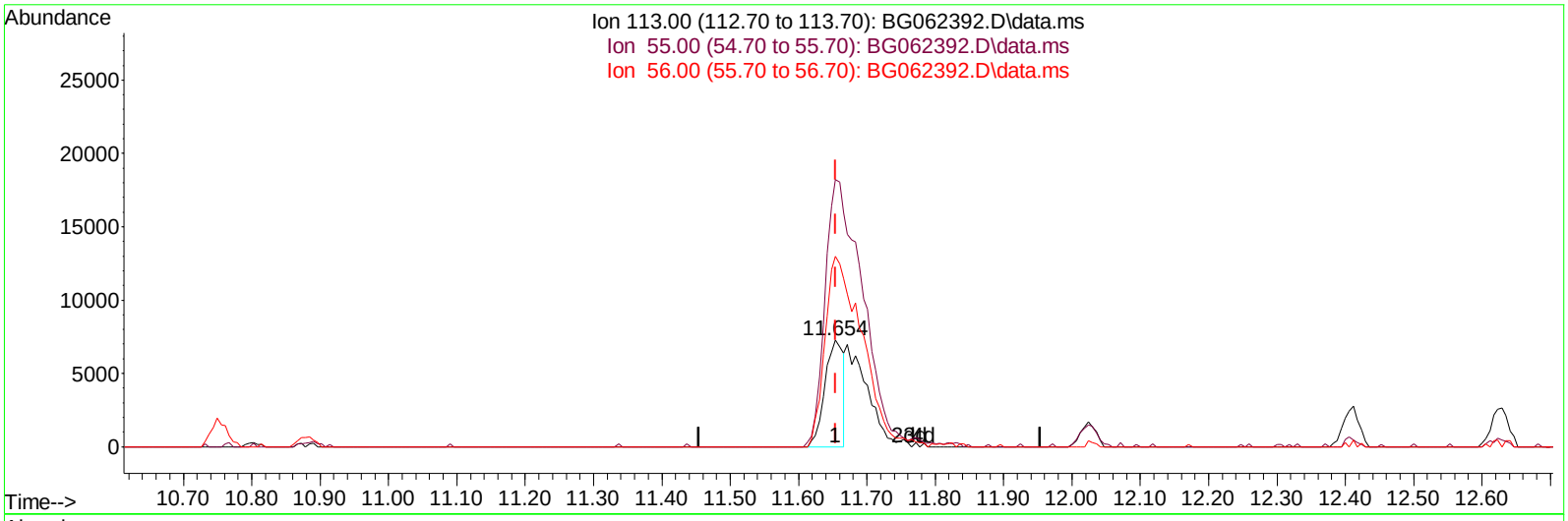
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
Data File : BG062392.D
Acq On : 14 Aug 2024 12:51
Operator : MA/JU
Sample : SSTD02048
Misc :
ALS Vial : 4 Sample Multiplier: 1

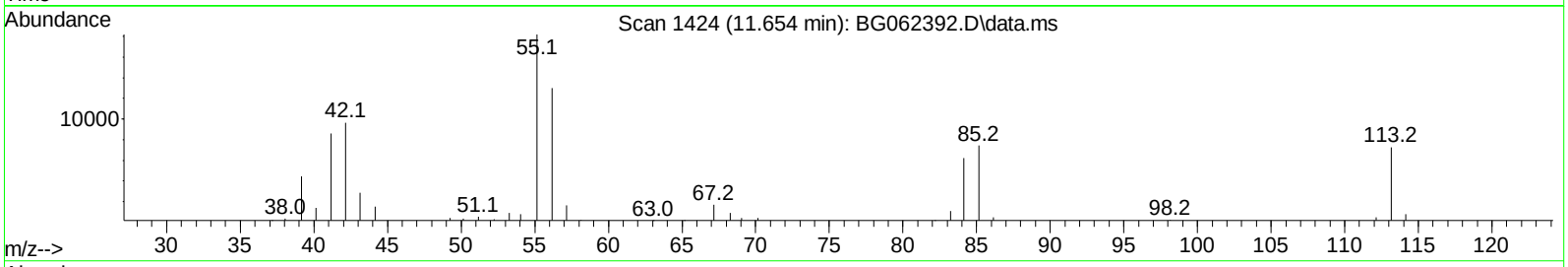
Quant Time: Aug 14 15:14:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:13:32 2024
Response via : Initial Calibration

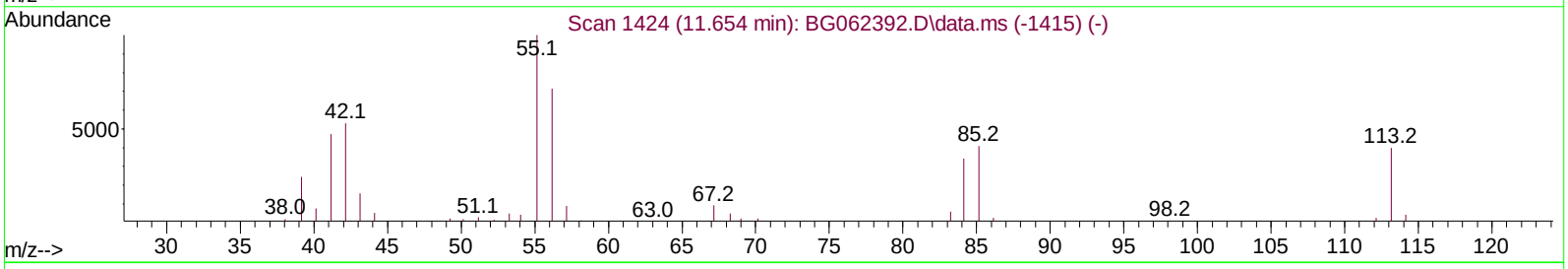
Instrument :
BNA_G
ClientSampleId :
SSTD020433

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024







TIC: BG062392.D\data.ms

(34) Caprolactam

11.654min (0.000) 10.56 ng/ul

response 13696

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	249.83
56.00	178.20	178.23
0.00	0.00	0.00

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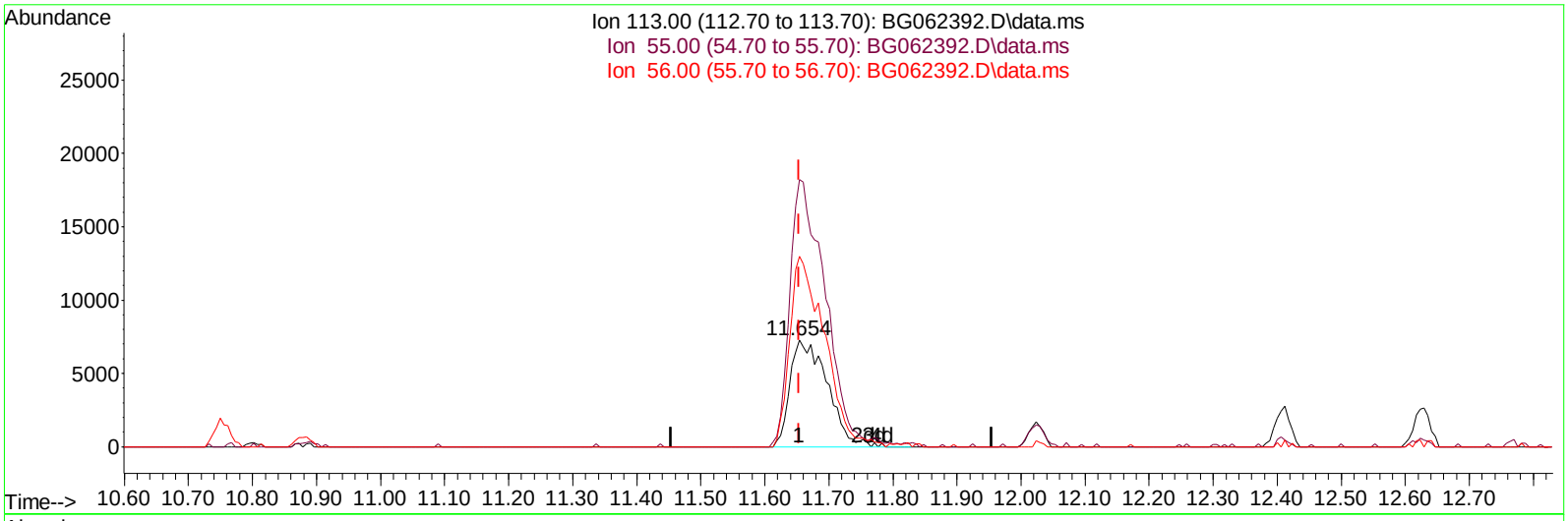

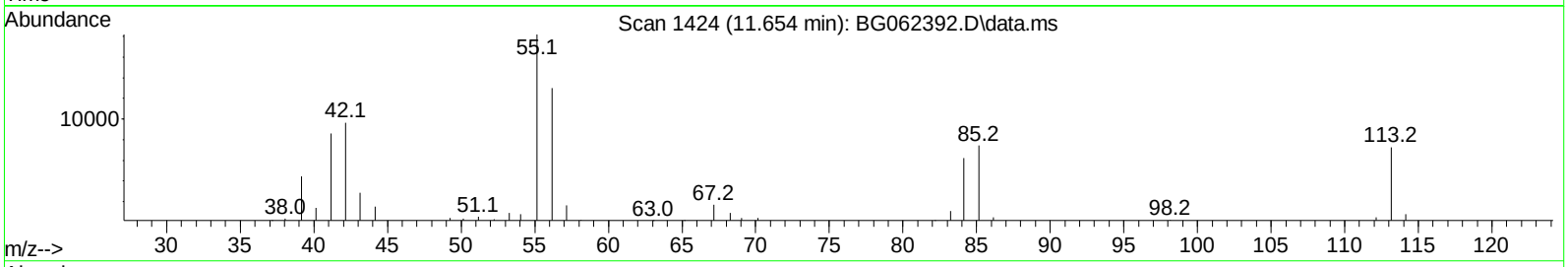

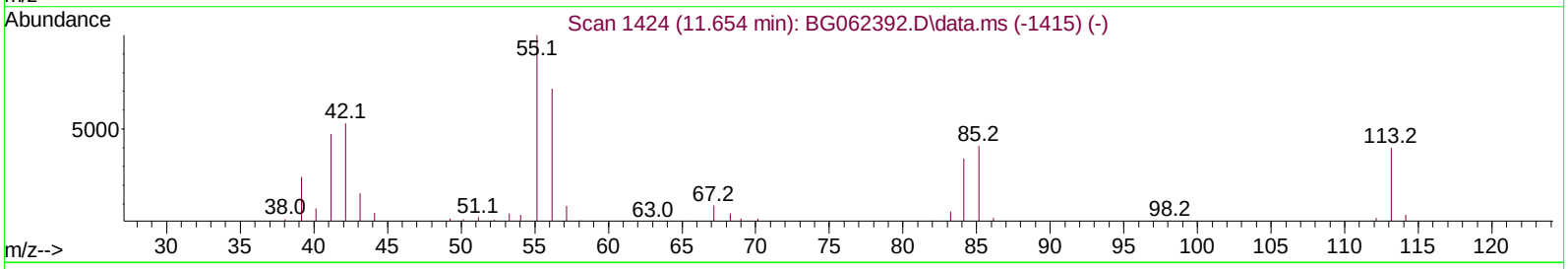

TIC: BG062392.D\data.ms

(34) Caprolactam

11.654min (0.000) 22.60 ng/ul m

response 29316

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	249.83
56.00	178.20	178.23
0.00	0.00	0.00

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Misc :
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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	7.959	152	43047	20.000	ng/ul	0.00
20) Naphthalene-d8	10.755	136	211186	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	168321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	412397	20.000	ng/ul	0.00
79) Chrysene-d12	21.564	240	414377	20.000	ng/ul	0.00
88) Perylene-d12	24.654	264	478376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	9772	9.358	ng/uL	0.00
4) Pyridine-d5	3.823	84	68735	21.424	ng/ul	0.00
7) Phenol-d5	7.119	99	83790	20.257	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	55234	21.551	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	59481	20.230	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	72155	20.848	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	27742	21.026	ng/ul	0.00
24) 2-Nitrophenol-d4	9.833	143	26763	21.354	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	70620	19.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	108637	20.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	270378	20.746	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	297159	20.245	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	41432	21.995	ng/ul	0.00
60) Fluorene-d10	15.572	176	242156	20.696	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	32004	23.766	ng/ul	0.00
73) Anthracene-d10	17.417	188	398415	20.128	ng/ul	0.00
81) Pyrene-d10	19.702	212	503979	20.407	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.443	264	506385	19.876	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	9125	8.136	ng/uL	100
5) Pyridine	3.847	79	73879	22.075	ng/ul	100
6) Benzaldehyde	7.095	77	55142	24.685	ng/ul	100
8) Phenol	7.142	94	88223	20.199	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.377	93	67362	20.874	ng/ul	100
12) 2-Chlorophenol	7.524	128	61975	19.949	ng/ul	100
13) 2-Methylphenol	8.394	108	68055	20.710	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.476	45	139478	21.077	ng/ul	100
16) Acetophenone	8.776	105	120832	21.820	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.758	70	65494	22.241	ng/ul	100
18) 4-Methylphenol	8.717	108	77524	20.916	ng/ul	100
19) Hexachloroethane	9.040	117	24714	20.999	ng/ul	100
22) Nitrobenzene	9.151	77	77065	20.713	ng/ul	100
23) Isophorone	9.674	82	186579	20.811	ng/ul	100
25) 2-Nitrophenol	9.862	139	30660	20.728	ng/ul	100
26) 2,4-Dimethylphenol	9.921	107	83853	19.780	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.162	93	102173	20.277	ng/ul	100
29) 2,4-Dichlorophenol	10.397	162	72761	20.175	ng/ul	100
30) Naphthalene	10.802	128	247185	20.557	ng/ul	100
32) 4-Chloroaniline	10.902	127	106627	20.958	ng/ul	100
33) Hexachlorobutadiene	11.096	225	53934	19.851	ng/ul	100
34) Caprolactam	11.654	113	29316m	22.596	ng/ul	
35) 4-Chloro-3-methylphenol	12.024	107	87977	21.550	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.406	142	174548	20.896	ng/ul	100
37) 1-Methylnaphthalene	12.629	142	181095	21.021	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.776	216	111397	20.285	ng/ul	100
40) Hexachlorocyclopentadiene	12.758	237	53342	23.546	ng/ul	100
41) 2,4,6-Trichlorophenol	13.011	196	67880	21.270	ng/ul	100
42) 2,4,5-Trichlorophenol	13.081	196	71038	20.858	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	257621	20.382	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	197912	20.184	ng/ul	100
45) 2-Nitroaniline	13.651	65	53794	21.300	ng/ul	100
47) Dimethylphthalate	14.033	163	271988	20.773	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	38291	21.381	ng/ul	100
50) Acenaphthylene	14.303	152	313687	20.066	ng/ul	100
51) 3-Nitroaniline	14.474	138	44554	21.435	ng/ul	100
52) Acenaphthene	14.644	153	236077	20.214	ng/ul	100
53) 2,4-Dinitrophenol	14.679	184	20253	25.136	ng/ul	100
55) 4-Nitrophenol	14.779	109	34750	21.066	ng/ul	100
56) Dibenzofuran	14.979	168	333077	20.640	ng/ul	100
57) 2,4-Dinitrotoluene	14.932	165	61369	24.225	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.202	232	67234	21.586	ng/ul	100
59) Diethylphthalate	15.402	149	276685	20.898	ng/ul	100
61) Fluorene	15.625	166	265108	20.885	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.619	204	136277	20.842	ng/ul	100
63) 4-Nitroaniline	15.631	138	49103	24.010	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.696	198	35914	23.315	ng/ul	100
67) N-Nitrosodiphenylamine	15.831	169	241678	19.722	ng/ul	100
68) 4-Bromophenyl-phenylether	16.512	248	92780	19.926	ng/ul	100
69) Hexachlorobenzene	16.630	284	108886	20.007	ng/ul	100
70) Atrazine	16.782	200	100990	21.140	ng/ul	100
71) Pentachlorophenol	16.970	266	57200	19.546	ng/ul	100
72) Phenanthrene	17.364	178	468115	20.213	ng/ul	100
74) Anthracene	17.452	178	482708	20.297	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	115086	19.069	ng/ul	100
76) Pentachlorobenzene	14.897	250	121428	19.087	ng/ul	100
77) Carbazole	17.716	167	410829	20.973	ng/ul	100
78) Di-n-butylphthalate	18.286	149	491789	21.092	ng/ul	100
80) Fluoranthene	19.367	202	573651	20.480	ng/ul	100
82) Pyrene	19.731	202	613239	20.557	ng/ul	100
83) Butylbenzylphthalate	20.624	149	204693	20.038	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.464	252	201527	21.432	ng/ul	100
85) Benzo(a)anthracene	21.546	228	611523	20.122	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.470	149	303394	19.383	ng/ul	100
87) Chrysene	21.611	228	578892	20.169	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	513066	19.064	ng/ul	100
90) Benzo(b)fluoranthene	23.679	252	572419	19.779	ng/ul	100
91) Benzo(k)fluoranthene	23.743	252	590945	20.004	ng/ul	100
93) Benzo(a)pyrene	24.507	252	546540	19.895	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.149	276	688216	19.448	ng/ul	100
95) Dibenzo(a,h)anthracene	28.208	278	558205	19.269	ng/ul	100
96) Benzo(g,h,i)perylene	29.236	276	528236	19.602	ng/ul	100

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

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