Quantitation Report (Qedit)

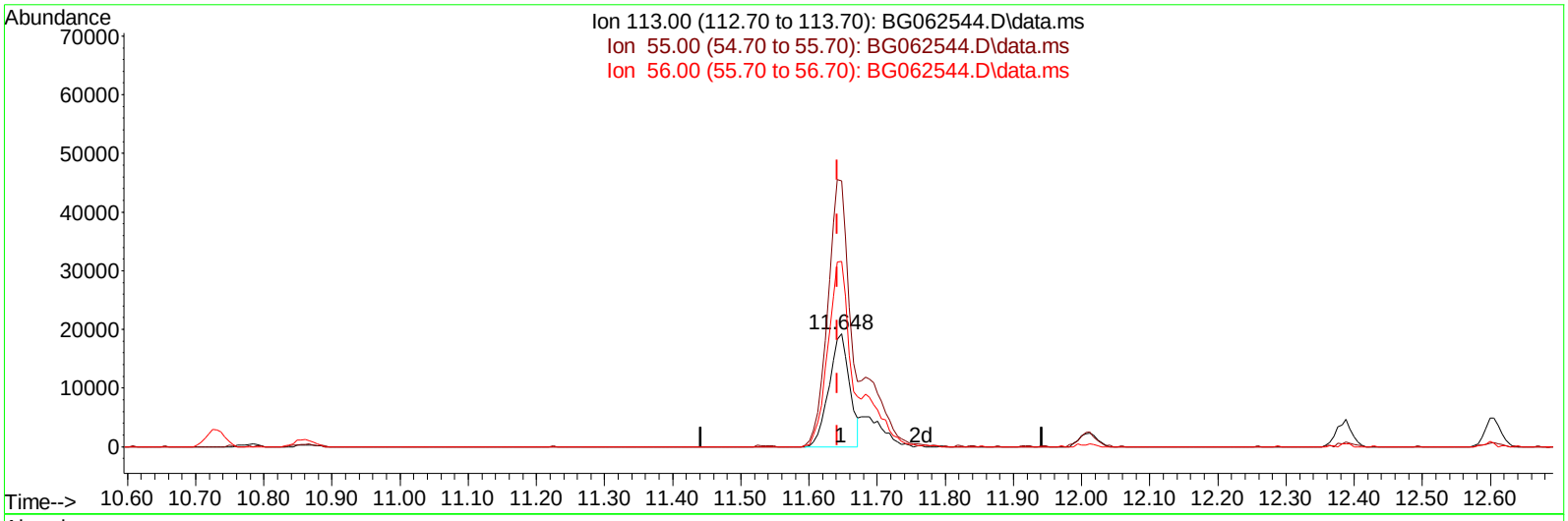
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
Data File : BG062544.D
Acq On : 22 Aug 2024 18:06
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

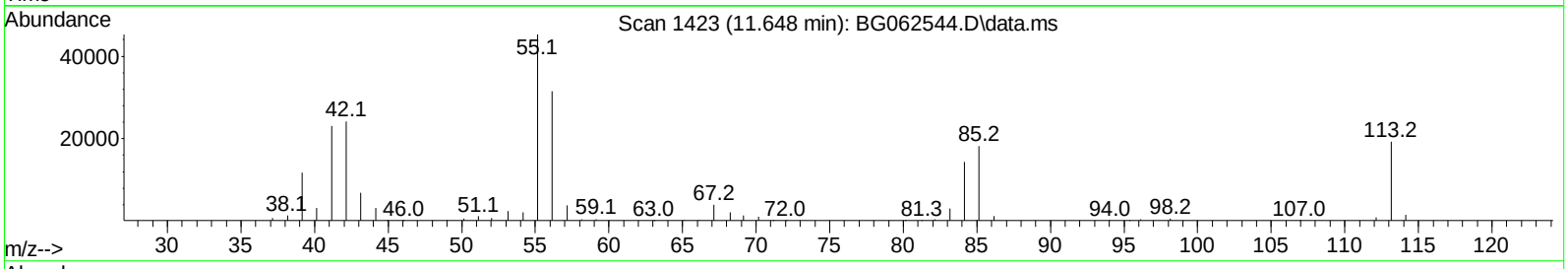
Quant Time: Aug 22 18:44:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

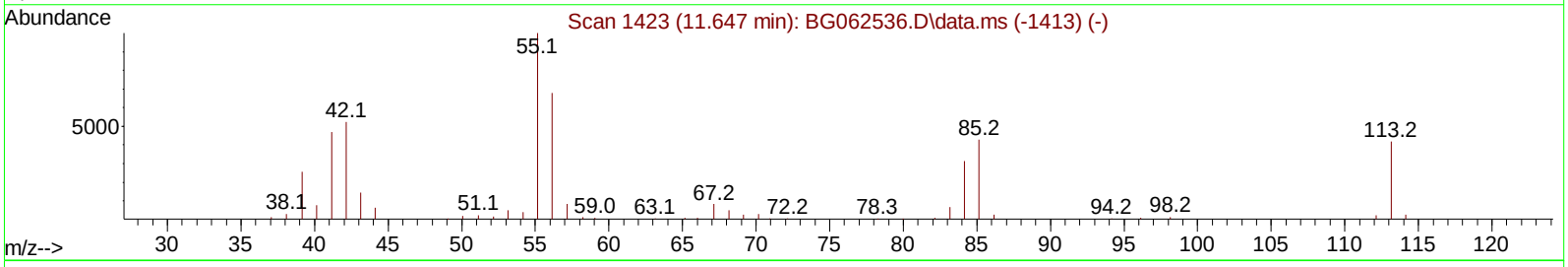
Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Manual IntegrationsAPPROVED

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







TIC: BG062544.D\data.ms

(34) Caprolactam

11.648min (+ 0.006) 16.06 ng/ul

response 40531

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	235.19
56.00	178.20	164.06
0.00	0.00	0.00

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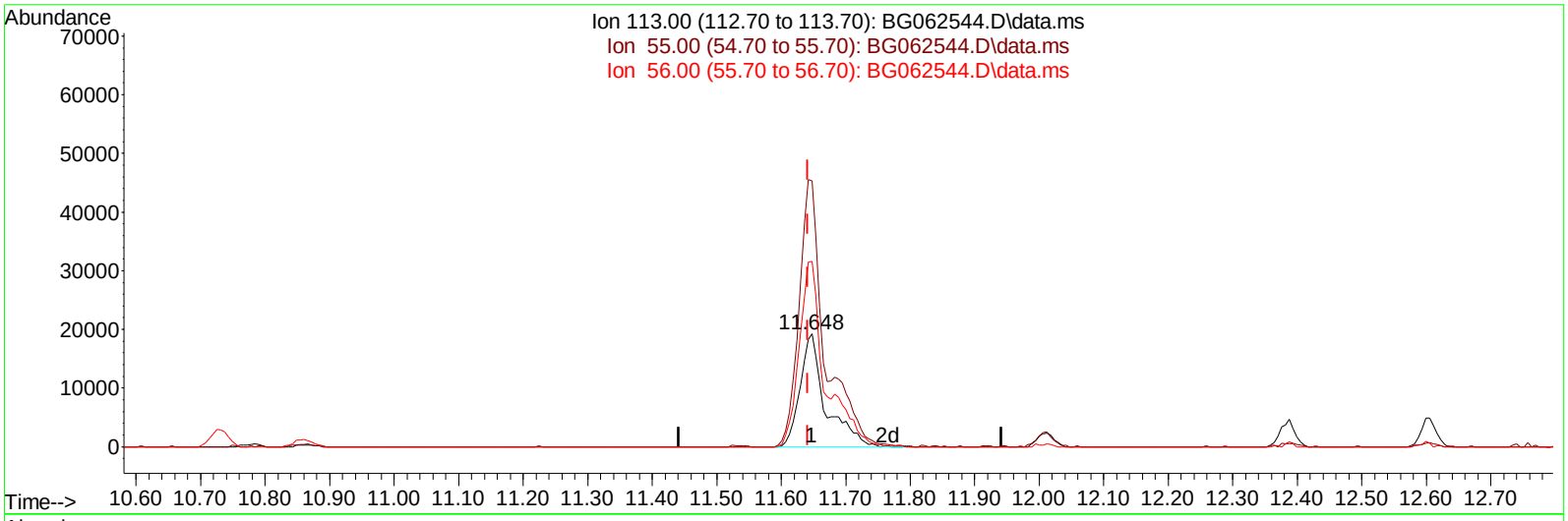

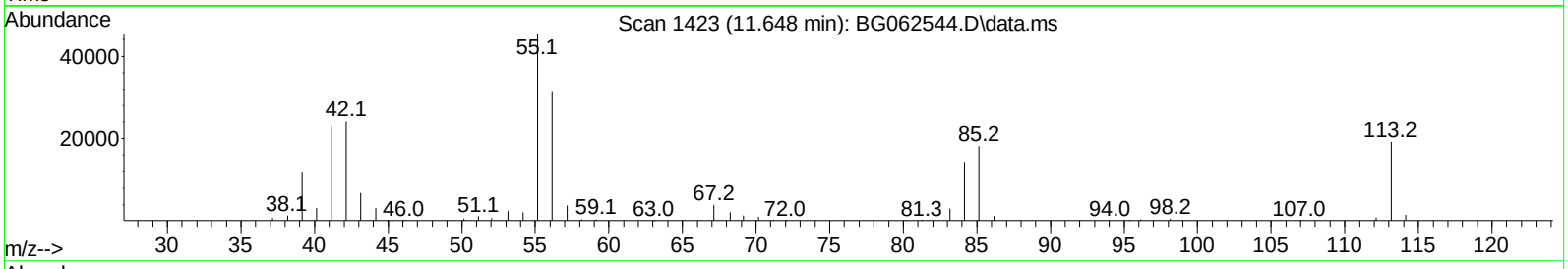

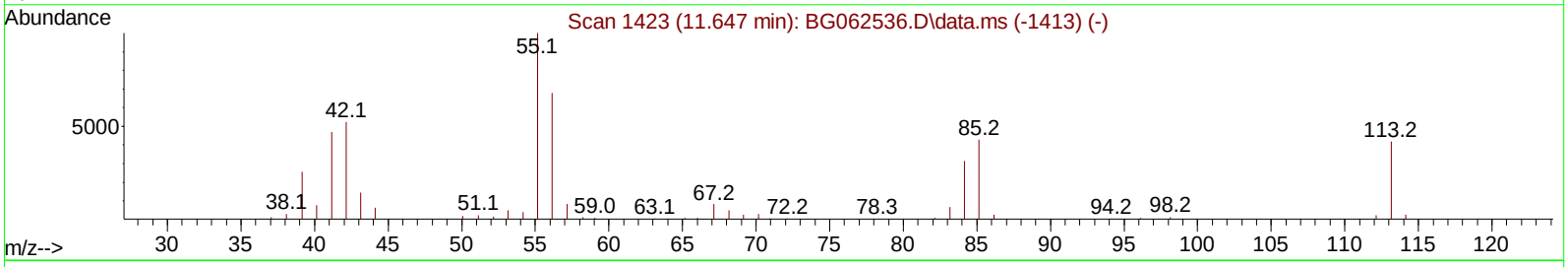

TIC: BG062544.D\data.ms

(34) Caprolactam

11.648min (+ 0.006) 20.96 ng/ul m

response 52901

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	235.19
56.00	178.20	164.06
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	7.935	152	83727	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	375076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	296572	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.305	188	687475	20.000	ng/ul	0.00
79) Chrysene-d12	21.552	240	611003	20.000	ng/ul	0.00
88) Perylene-d12	24.642	264	668244	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	16323	7.402	ng/uL	0.00
4) Pyridine-d5	3.805	84	123071	18.314	ng/ul	0.00
7) Phenol-d5	7.101	99	155222	18.636	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	92805	17.688	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	114797	20.176	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	128798	18.448	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	56425	23.458	ng/ul	0.00
24) 2-Nitrophenol-d4	9.809	143	64554	26.979	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.349	165	128382	21.065	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	175416	18.150	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	410394	17.790	ng/ul	0.00
49) Acenaphthylene-d8	14.250	160	464349	18.180	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	74822	20.331	ng/ul	0.00
60) Fluorene-d10	15.554	176	388512	18.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	74515	23.855	ng/ul	0.00
73) Anthracene-d10	17.404	188	617500	18.698	ng/ul	0.00
81) Pyrene-d10	19.690	212	697563	19.494	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.424	264	656104	18.501	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	20514	8.715	ng/uL	97
5) Pyridine	3.823	79	130432	18.447	ng/ul	90
6) Benzaldehyde	7.077	77	93495	21.653	ng/ul	98
8) Phenol	7.130	94	164223	18.790	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.359	93	114130	17.648	ng/ul	100
12) 2-Chlorophenol	7.500	128	117679	19.995	ng/ul	99
13) 2-Methylphenol	8.376	108	122385	18.608	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	243684	18.255	ng/ul	98
16) Acetophenone	8.751	105	200879	17.564	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.740	70	102372	16.962	ng/ul	99
18) 4-Methylphenol	8.704	108	139010	18.453	ng/ul	95
19) Hexachloroethane	9.016	117	46234	19.744	ng/ul	97
22) Nitrobenzene	9.133	77	151695	22.327	ng/ul	97
23) Isophorone	9.656	82	284710	17.744	ng/ul	98
25) 2-Nitrophenol	9.844	139	69505	26.001	ng/ul	97
26) 2,4-Dimethylphenol	9.903	107	142507	19.548	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.138	93	162558	18.213	ng/ul	97
29) 2,4-Dichlorophenol	10.379	162	130823	20.903	ng/ul	98
30) Naphthalene	10.778	128	410819	18.885	ng/ul	99
32) 4-Chloroaniline	10.884	127	169064	17.993	ng/ul	99
33) Hexachlorobutadiene	11.072	225	90489	19.021	ng/ul	97
34) Caprolactam	11.648	113	52901m	20.957	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	152526	20.828	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.388	142	286855	18.673	ng/ul	97
37) 1-Methylnaphthalene	12.605	142	290134	18.510	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.752	216	182640	18.442	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	126383	24.896	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	118494	20.799	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	132745	22.193	ng/ul	96
43) 1,1'-Biphenyl	13.392	154	407033	18.116	ng/ul	98
44) 2-Chloronaphthalene	13.433	162	322083	18.525	ng/ul	99
45) 2-Nitroaniline	13.633	65	108183	24.024	ng/ul	94
47) Dimethylphthalate	14.015	163	416753	17.819	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	81003	24.250	ng/ul#	91
50) Acenaphthylene	14.279	152	503161	18.399	ng/ul	99
51) 3-Nitroaniline	14.461	138	84947	22.320	ng/ul	95
52) Acenaphthene	14.626	153	375077	18.326	ng/ul	97
53) 2,4-Dinitrophenol	14.661	184	51922	24.643	ng/ul	90
55) 4-Nitrophenol	14.773	109	63113	19.980	ng/ul	97
56) Dibenzofuran	14.961	168	533196	18.520	ng/ul	99
57) 2,4-Dinitrotoluene	14.914	165	124415	24.468	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.184	232	123714	21.513	ng/ul	97
59) Diethylphthalate	15.384	149	430225	18.432	ng/ul	99
61) Fluorene	15.607	166	417837	18.413	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.601	204	213019	18.267	ng/ul	98
63) 4-Nitroaniline	15.625	138	83663	21.031	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.683	198	82393	23.410	ng/ul#	97
67) N-Nitrosodiphenylamine	15.813	169	378371	18.986	ng/ul	99
68) 4-Bromophenyl-phenylether	16.494	248	150330	19.485	ng/ul	96
69) Hexachlorobenzene	16.611	284	173225	19.271	ng/ul	99
70) Atrazine	16.764	200	153861	18.515	ng/ul	99
71) Pentachlorophenol	16.952	266	108300	20.646	ng/ul	95
72) Phenanthrene	17.346	178	709586	18.369	ng/ul	99
74) Anthracene	17.440	178	729869	18.444	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	189102	19.242	ng/ul	97
76) Pentachlorobenzene	14.878	250	194470	18.864	ng/ul	98
77) Carbazole	17.704	167	589643	17.739	ng/ul	99
78) Di-n-butylphthalate	18.268	149	755687	19.004	ng/ul	98
80) Fluoranthene	19.355	202	800465	20.024	ng/ul	99
82) Pyrene	19.719	202	833841	19.353	ng/ul	99
83) Butylbenzylphthalate	20.612	149	304370	20.972	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.452	252	262440	19.680	ng/ul	95
85) Benzo(a)anthracene	21.534	228	833369	18.791	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.452	149	429473	20.254	ng/ul	97
87) Chrysene	21.599	228	762480	18.135	ng/ul	97
89) Di-n-octyl phthalate	22.621	149	704378	19.764	ng/ul	100
90) Benzo(b)fluoranthene	23.661	252	739083	18.308	ng/ul	96
91) Benzo(k)fluoranthene	23.725	252	736914	18.085	ng/ul	100
93) Benzo(a)pyrene	24.489	252	692023	18.184	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.113	276	891146	18.423	ng/ul	99
95) Dibenzo(a,h)anthracene	28.172	278	726748	18.536	ng/ul	98
96) Benzo(g,h,i)perylene	29.200	276	684682	18.405	ng/ul	98

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

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