Quantitation Report (Qedit)

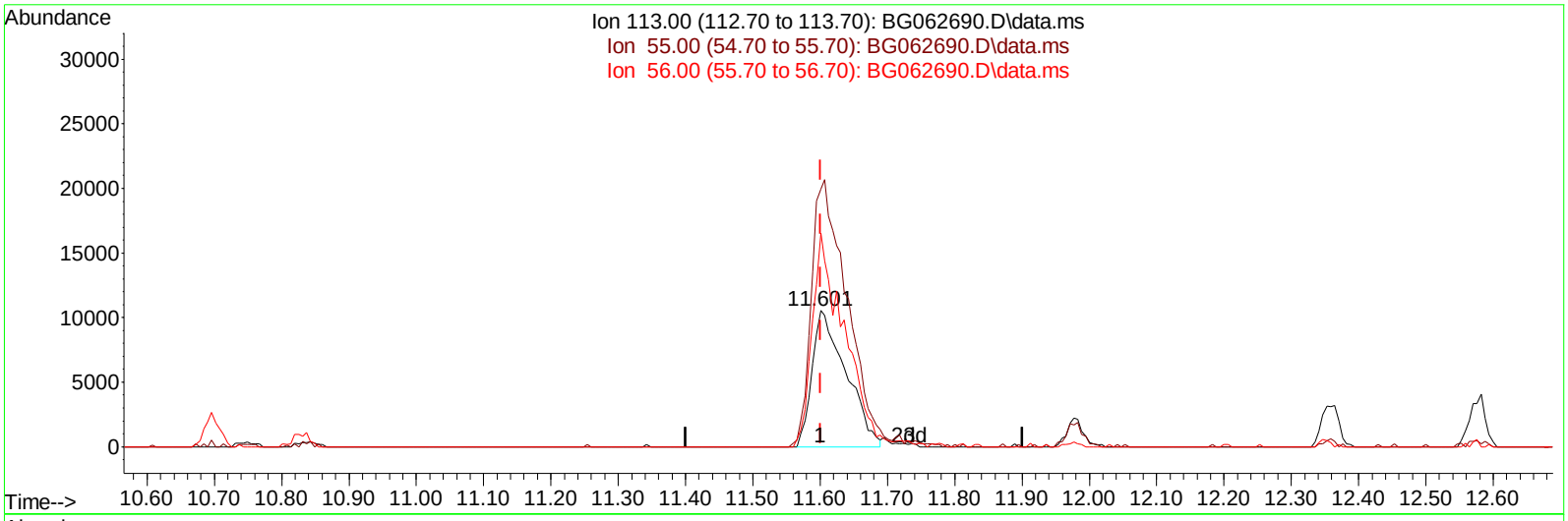
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
Data File : BG062690.D
Acq On : 9 Sep 2024 15:44
Operator : JU/RC
Sample : SSTD02054
Misc :
ALS Vial : 5 Sample Multiplier: 1

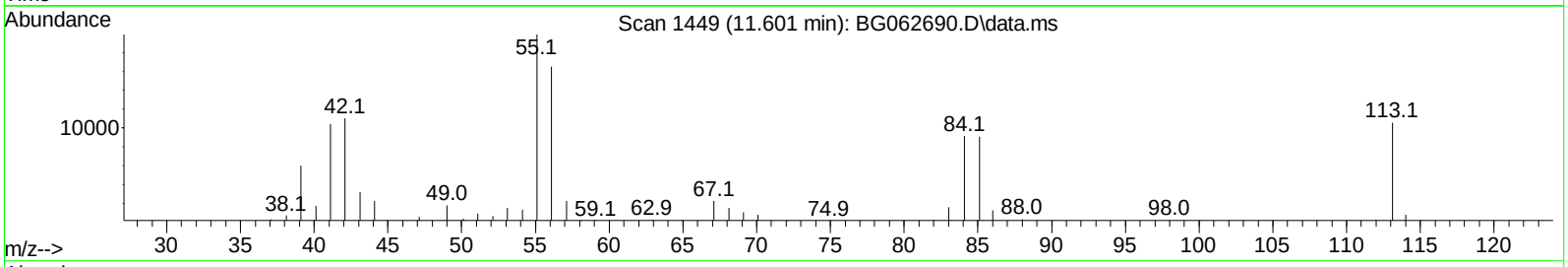
Quant Time: Sep 10 00:51:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 00:41:25 2024
Response via : Initial Calibration

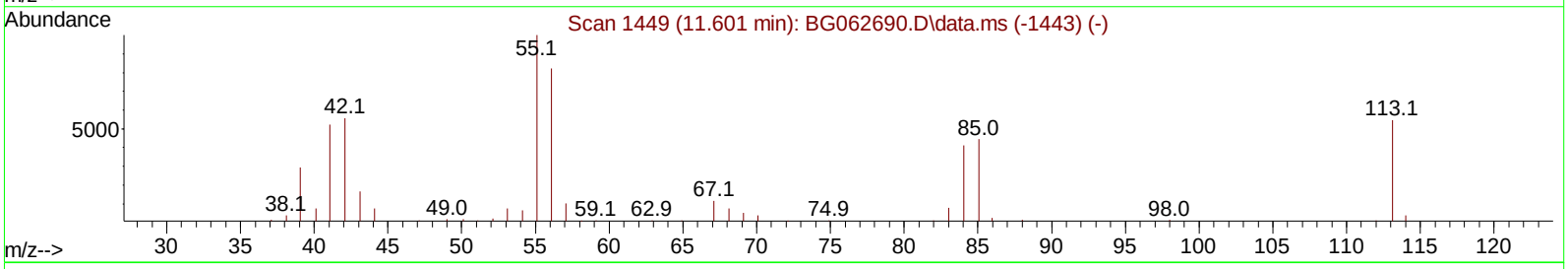
Instrument :
BNA_G
ClientSampleId :
SSTD020440

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024







TIC: BG062690.D\data.ms

(34) Caprolactam

11.601min (0.000) 19.20 ng/ul

response 36792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	188.52
56.00	156.30	156.28
0.00	0.00	0.00

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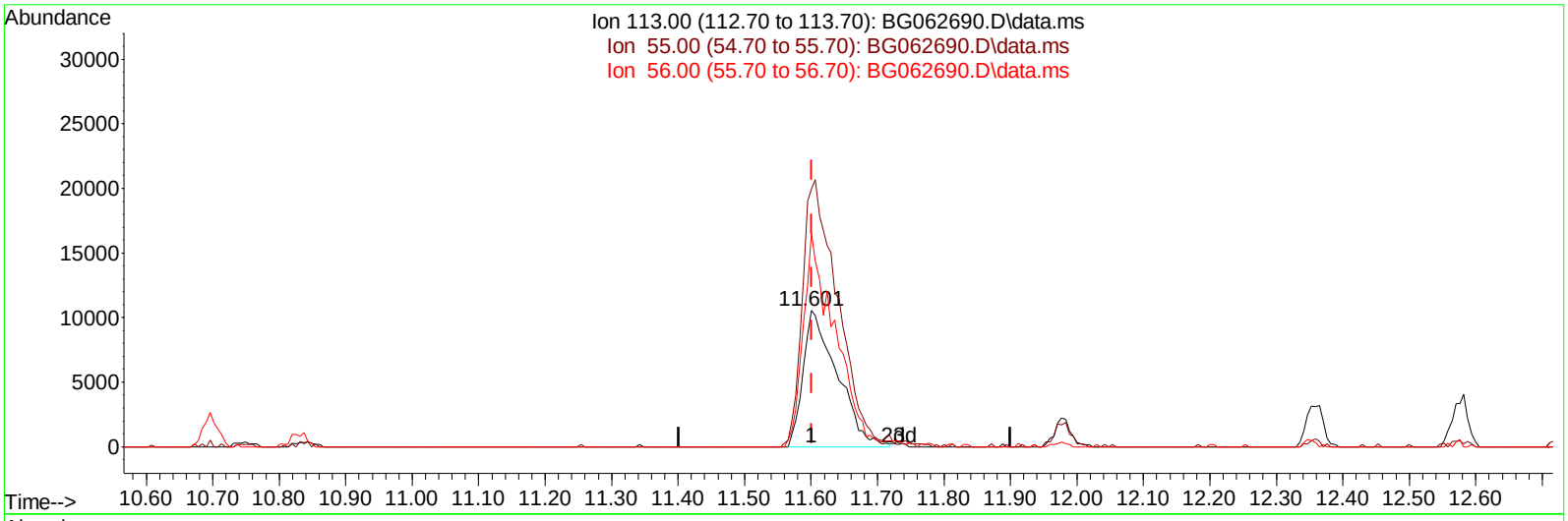

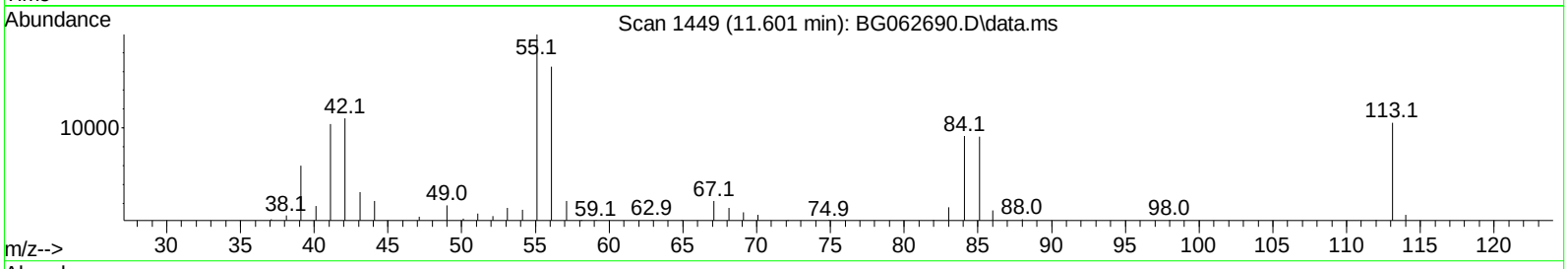

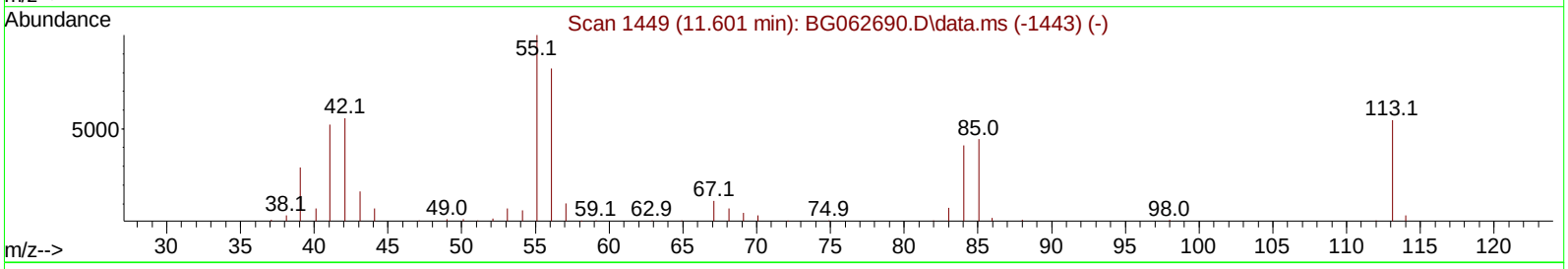

TIC: BG062690.D\data.ms

(34) Caprolactam

11.601min (0.000) 19.53 ng/ul m

response 37426

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	188.52
56.00	156.30	156.28
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	68340	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	312720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	252744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	650707	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	663481	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	733491	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	11412	7.516	ng/uL	0.00
4) Pyridine-d5	3.769	84	84730	17.607	ng/ul	0.00
7) Phenol-d5	7.071	99	114795	19.156	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.235	67	70319	19.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	85468	19.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	96210	19.266	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	44878	20.079	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	48517	19.848	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	105099	19.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.831	131	141936	19.398	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	376820	19.361	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	425853	19.701	ng/ul	0.00
54) 4-Nitrophenol-d4	14.732	143	60499	18.298	ng/ul	0.00
60) Fluorene-d10	15.526	176	343101	19.563	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	65953	17.620	ng/ul	0.00
73) Anthracene-d10	17.376	188	604687	19.691	ng/ul	0.00
81) Pyrene-d10	19.668	212	746495	19.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	751993	19.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	11858	6.998	ng/uL	100
5) Pyridine	3.786	79	94586	18.739	ng/ul	100
6) Benzaldehyde	7.047	77	80868	24.768	ng/ul	100
8) Phenol	7.100	94	120095	19.279	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.329	93	93592	19.875	ng/ul	100
12) 2-Chlorophenol	7.470	128	88599	19.851	ng/ul	100
13) 2-Methylphenol	8.346	108	90561	19.387	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	168750	19.909	ng/ul	100
16) Acetophenone	8.722	105	165354	20.373	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.710	70	87844	20.675	ng/ul	100
18) 4-Methylphenol	8.675	108	102008	19.410	ng/ul	100
19) Hexachloroethane	8.986	117	35057	19.512	ng/ul	100
22) Nitrobenzene	9.104	77	120949	20.004	ng/ul	100
23) Isophorone	9.621	82	246368	19.930	ng/ul	100
25) 2-Nitrophenol	9.815	139	53784	19.964	ng/ul	100
26) 2,4-Dimethylphenol	9.873	107	113694	19.750	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.108	93	136928	19.820	ng/ul	100
29) 2,4-Dichlorophenol	10.344	162	103904	19.817	ng/ul	100
30) Naphthalene	10.749	128	328019	19.563	ng/ul	100
32) 4-Chloroaniline	10.855	127	139634	19.188	ng/ul	100
33) Hexachlorobutadiene	11.037	225	85083	19.480	ng/ul	100
34) Caprolactam	11.601	113	37426m	19.527	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	110430	19.308	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.359	142	245317	19.823	ng/ul	100
37) 1-Methylnaphthalene	12.576	142	249254	19.663	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.729	216	171052	19.686	ng/ul	100
40) Hexachlorocyclopentadiene	12.711	237	82382	18.530	ng/ul	100
41) 2,4,6-Trichlorophenol	12.964	196	102822	19.537	ng/ul	100
42) 2,4,5-Trichlorophenol	13.040	196	112019	19.824	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	347810	19.569	ng/ul	100
44) 2-Chloronaphthalene	13.411	162	285258	19.738	ng/ul	100
45) 2-Nitroaniline	13.610	65	77210	19.469	ng/ul	100
47) Dimethylphthalate	13.986	163	388889	19.402	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	69949	19.808	ng/ul	100
50) Acenaphthylene	14.257	152	449925	19.715	ng/ul	100
51) 3-Nitroaniline	14.433	138	71528	20.232	ng/ul	100
52) Acenaphthene	14.597	153	315391	19.511	ng/ul	100
53) 2,4-Dinitrophenol	14.638	184	38961	16.709	ng/ul	100
55) 4-Nitrophenol	14.744	109	55438	18.653	ng/ul	100
56) Dibenzofuran	14.932	168	477465	19.883	ng/ul	100
57) 2,4-Dinitrotoluene	14.891	165	108152	19.589	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.156	232	111641	19.495	ng/ul	100
59) Diethylphthalate	15.355	149	388272	19.636	ng/ul	100
61) Fluorene	15.579	166	368304	19.524	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.579	204	217301	19.638	ng/ul	100
63) 4-Nitroaniline	15.596	138	78171	20.547	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.661	198	71910	18.534	ng/ul	100
67) N-Nitrosodiphenylamine	15.790	169	329111	19.721	ng/ul	100
68) 4-Bromophenyl-phenylether	16.466	248	145276	19.402	ng/ul	100
69) Hexachlorobenzene	16.589	284	167727	19.619	ng/ul	100
70) Atrazine	16.736	200	146174	19.667	ng/ul	100
71) Pentachlorophenol	16.930	266	93426	18.270	ng/ul	97
72) Phenanthrene	17.324	178	666733	19.703	ng/ul	100
74) Anthracene	17.412	178	685765	19.879	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	174903	19.682	ng/ul	100
76) Pentachlorobenzene	14.856	250	192166	19.515	ng/ul	100
77) Carbazole	17.682	167	574878	20.095	ng/ul	100
78) Di-n-butylphthalate	18.246	149	668124	19.748	ng/ul	100
80) Fluoranthene	19.333	202	842046	20.364	ng/ul	100
82) Pyrene	19.697	202	904194	20.314	ng/ul	100
83) Butylbenzylphthalate	20.590	149	259689	19.653	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.425	252	301286	21.569	ng/ul	100
85) Benzo(a)anthracene	21.507	228	913915	19.805	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.425	149	386093	19.844	ng/ul	100
87) Chrysene	21.572	228	868455	19.837	ng/ul	100
89) Di-n-octyl phthalate	22.582	149	654973	19.197	ng/ul	100
90) Benzo(b)fluoranthene	23.622	252	881347	19.462	ng/ul	100
91) Benzo(k)fluoranthene	23.687	252	903409	19.482	ng/ul	100
93) Benzo(a)pyrene	24.445	252	819964	19.197	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.046	276	1016934	19.323	ng/ul	100
95) Dibenzo(a,h)anthracene	28.099	278	823638	19.484	ng/ul	100
96) Benzo(g,h,i)perylene	29.127	276	784369	19.298	ng/ul	100

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

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