Quantitation Report (Qedit)

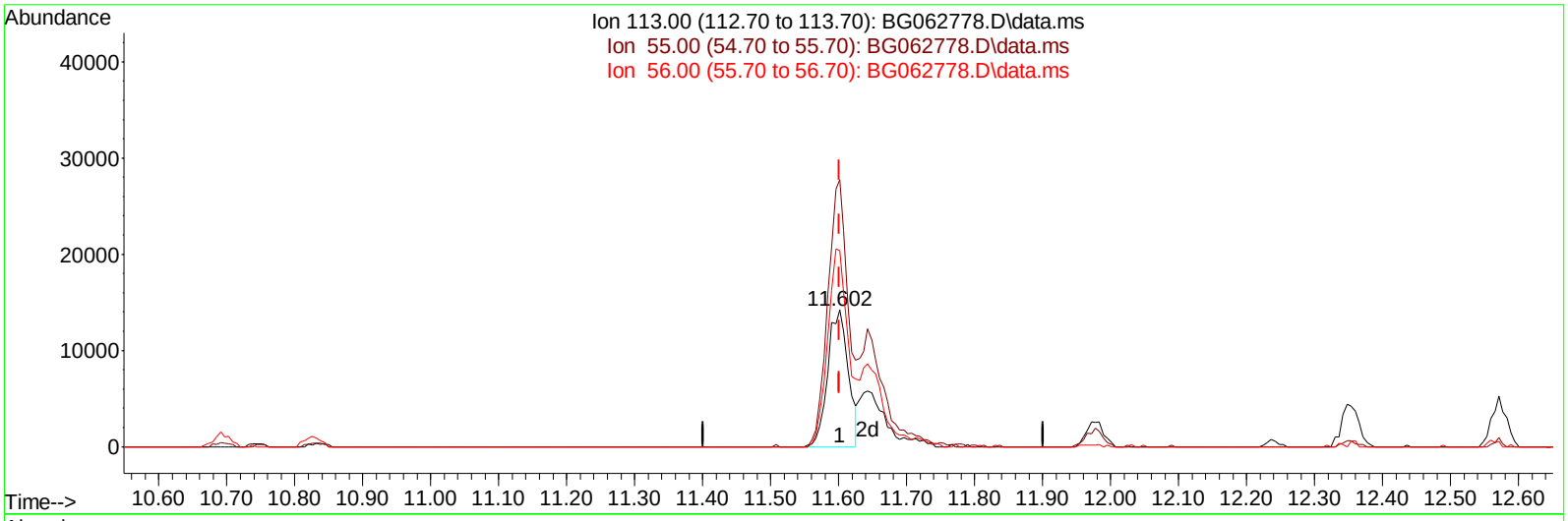
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
Data File : BG062778.D
Acq On : 13 Sep 2024 1:33
Operator : JU/RC
Sample : PB163311BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

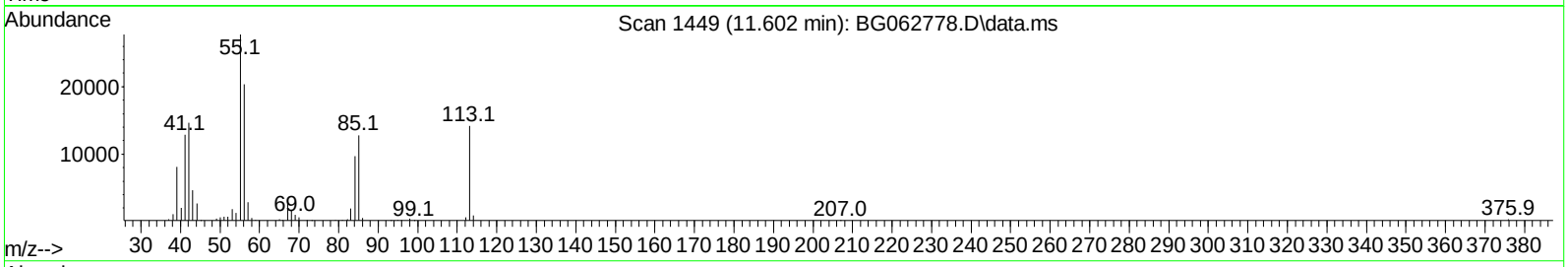
Quant Time: Sep 13 02:14:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

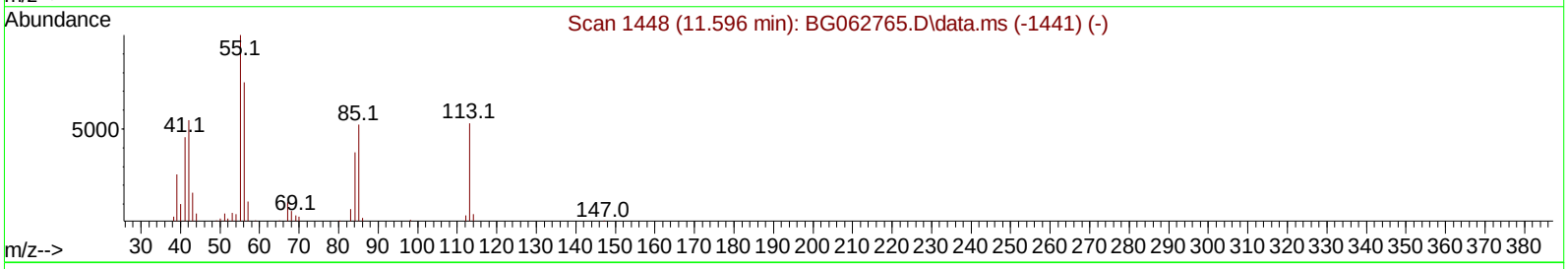
Instrument :
BNA_G
ClientSampleId :
SLCS311

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BG062778.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 23.64 ng/ul

response 29957

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	195.20
56.00	156.30	143.18
0.00	0.00	0.00

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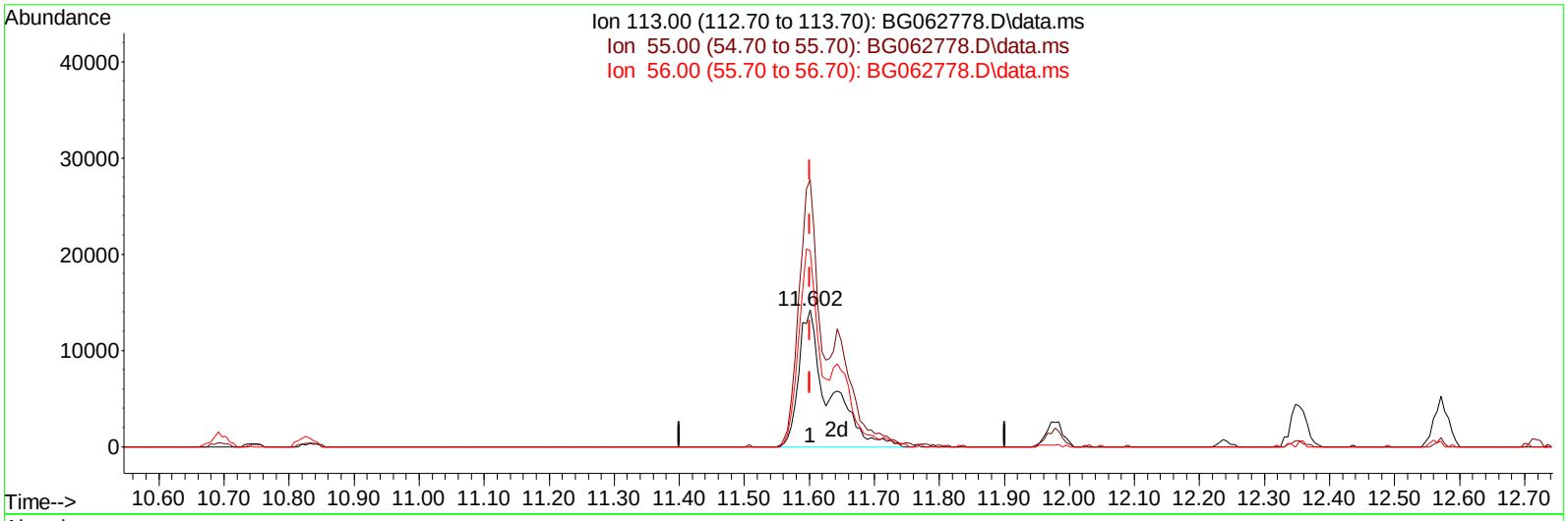

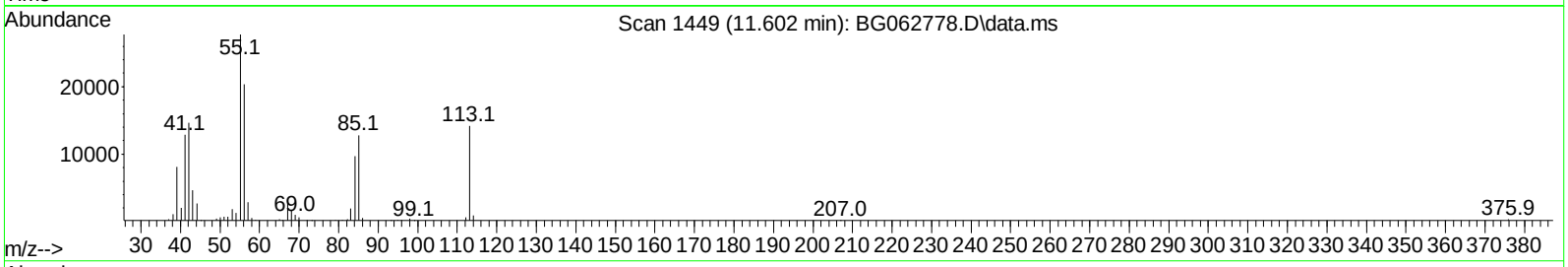

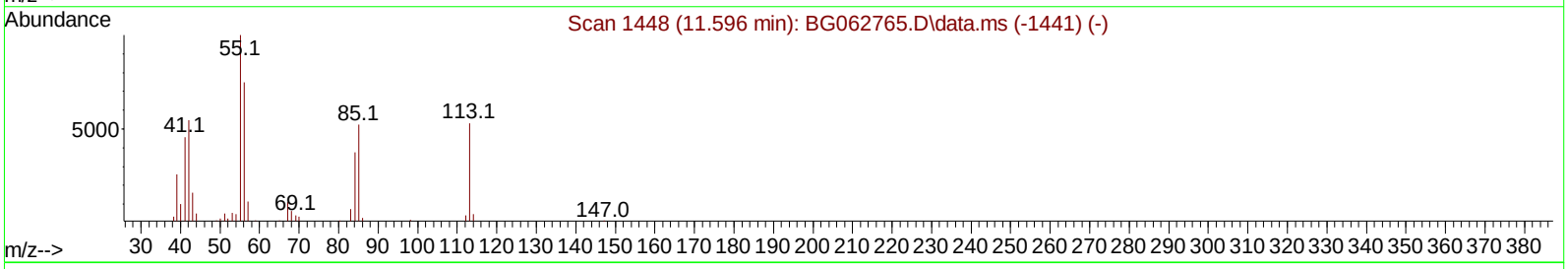

TIC: BG062778.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 36.14 ng/ul m

response 45785

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	195.20
56.00	156.30	143.18
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	42599	20.000	ng/ul	0.00
20) Naphthalene-d8	10.691	136	205043	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	175587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	449324	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	482191	20.000	ng/ul	0.00
88) Perylene-d12	24.581	264	517803	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8972	9.521	ng/uL	0.00
4) Pyridine-d5	3.764	84	114659	38.223	ng/ul	0.00
7) Phenol-d5	7.066	99	127622	34.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	71395	31.879	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	93681	34.430	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	105586	33.919	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	51063	34.844	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	63050	39.340	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	130097	37.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	145529	30.333	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	463375	34.270	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	534215	35.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	82079	35.733	ng/ul	0.00
60) Fluorene-d10	15.521	176	433160	35.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	99176	38.372	ng/ul	0.00
73) Anthracene-d10	17.371	188	759422	35.813	ng/ul	0.00
81) Pyrene-d10	19.663	212	1000006	36.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	1016458	37.176	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	15831	14.989	ng/uL#	90
5) Pyridine	3.781	79	116396	36.995	ng/ul	99
6) Benzaldehyde	7.042	77	59547	28.994	ng/ul	97
8) Phenol	7.095	94	130360	33.572	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.324	93	95498	32.533	ng/ul	98
12) 2-Chlorophenol	7.471	128	99087	35.617	ng/ul	93
13) 2-Methylphenol	8.341	108	99333	34.114	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	170676	32.304	ng/ul#	96
16) Acetophenone	8.717	105	171169	33.833	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	89358	33.740	ng/ul#	96
18) 4-Methylphenol	8.670	108	112894	34.462	ng/ul	98
19) Hexachloroethane	8.981	117	41233	36.817	ng/ul	97
22) Nitrobenzene	9.099	77	128874	32.507	ng/ul	96
23) Isophorone	9.622	82	262361	32.369	ng/ul	98
25) 2-Nitrophenol	9.810	139	65599	37.136	ng/ul	95
26) 2,4-Dimethylphenol	9.868	107	103234	27.350	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.103	93	149314	32.963	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	126729	36.864	ng/ul	99
30) Naphthalene	10.744	128	386270	35.135	ng/ul	98
32) 4-Chloroaniline	10.850	127	131894	27.642	ng/ul	99
33) Hexachlorobutadiene	11.032	225	106384	37.147	ng/ul	96
34) Caprolactam	11.602	113	45785m	36.136	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	146553	39.080	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.354	142	303203	37.368	ng/ul	96
37) 1-Methylnaphthalene	12.571	142	303590	36.527	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.724	216	216544	35.873	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	74977	24.275	ng/ul	95
41) 2,4,6-Trichlorophenol	12.965	196	118624	32.443	ng/ul	99
42) 2,4,5-Trichlorophenol	13.035	196	132066	33.641	ng/ul	96
43) 1,1'-Biphenyl	13.364	154	434973	35.228	ng/ul	97
44) 2-Chloronaphthalene	13.405	162	356745	35.531	ng/ul	98
45) 2-Nitroaniline	13.605	65	103697	37.638	ng/ul	97
47) Dimethylphthalate	13.981	163	485066	34.834	ng/ul	98
48) 2,6-Dinitrotoluene	14.105	165	95749	39.029	ng/ul	95
50) Acenaphthylene	14.252	152	583307	36.792	ng/ul	99
51) 3-Nitroaniline	14.428	138	91717	37.342	ng/ul	93
52) Acenaphthene	14.592	153	387574	34.512	ng/ul	100
53) 2,4-Dinitrophenol	14.639	184	51807	31.981	ng/ul	95
55) 4-Nitrophenol	14.745	109	71666	34.710	ng/ul	93
56) Dibenzofuran	14.927	168	572514	34.317	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	143570	37.431	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.156	232	114279	28.725	ng/ul	98
59) Diethylphthalate	15.350	149	470250	34.232	ng/ul	99
61) Fluorene	15.579	166	463896	35.397	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	271562	35.325	ng/ul	98
63) 4-Nitroaniline	15.597	138	102732	38.868	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.656	198	97525	36.402	ng/ul#	92
67) N-Nitrosodiphenylamine	15.785	169	416722	36.163	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	190454	36.835	ng/ul	96
69) Hexachlorobenzene	16.584	284	217549	36.851	ng/ul	94
70) Atrazine	16.731	200	4852	0.945	ng/ul	91
71) Pentachlorophenol	16.931	266	75797	21.466	ng/ul	95
72) Phenanthrene	17.319	178	846327	36.220	ng/ul	98
74) Anthracene	17.407	178	842662	35.375	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.329	216	220857	35.993	ng/ul	98
76) Pentachlorobenzene	14.851	250	236173	34.733	ng/ul	99
77) Carbazole	17.677	167	741740	37.549	ng/ul	98
78) Di-n-butylphthalate	18.241	149	873467	37.389	ng/ul	100
80) Fluoranthene	19.334	202	1100894	36.633	ng/ul	99
82) Pyrene	19.692	202	1162191	35.926	ng/ul	99
83) Butylbenzylphthalate	20.585	149	391438	40.761	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.420	252	398201	39.225	ng/ul	98
85) Benzo(a)anthracene	21.502	228	1243835	37.089	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.420	149	557432	39.422	ng/ul	99
87) Chrysene	21.566	228	1175153	36.935	ng/ul	99
89) Di-n-octyl phthalate	22.577	149	955379	39.666	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	1213161	37.947	ng/ul	99
91) Benzo(k)fluoranthene	23.682	252	1224301	37.400	ng/ul	98
93) Benzo(a)pyrene	24.440	252	1098203	36.420	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.035	276	1422707	38.294	ng/ul	98
95) Dibenzo(a,h)anthracene	28.094	278	1171777	39.266	ng/ul	98
96) Benzo(g,h,i)perylene	29.116	276	1124314	39.183	ng/ul	98

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

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