Quantitation Report (Qedit)

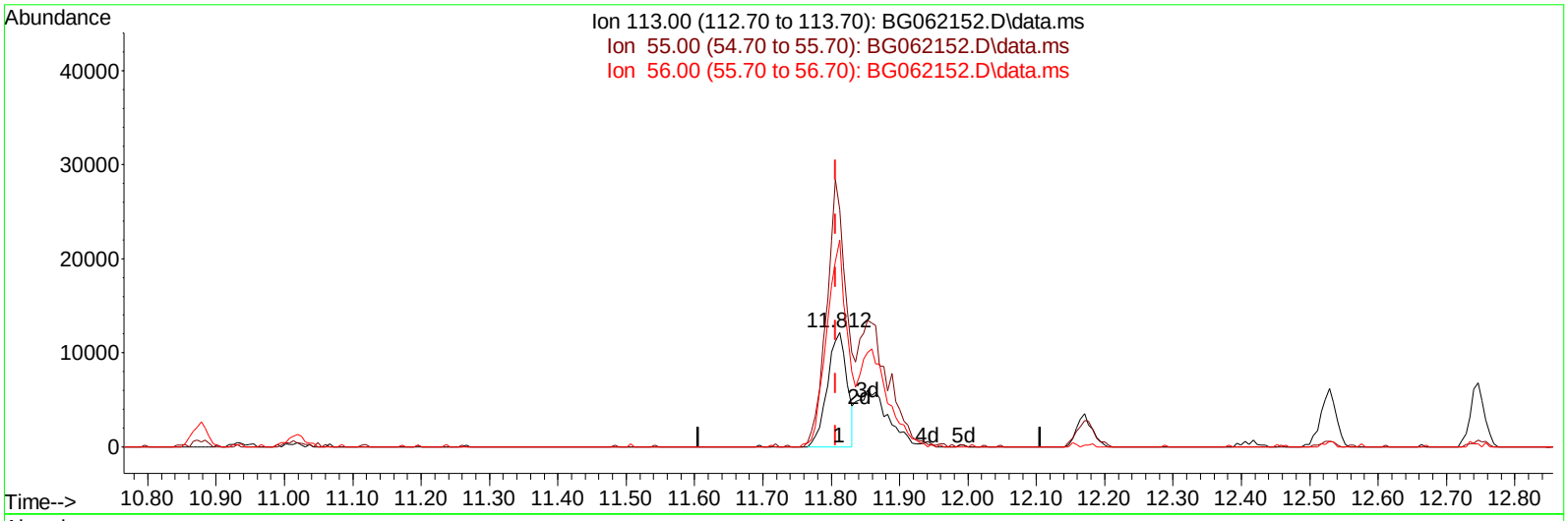
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062152.D
Acq On : 19 Jul 2024 23:02
Operator : MA/JU
Sample : PB162078BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

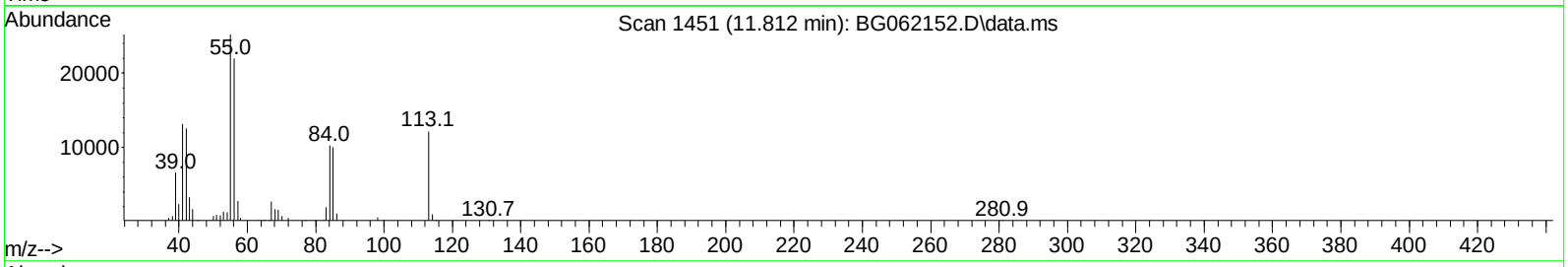
Quant Time: Jul 20 01:29:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

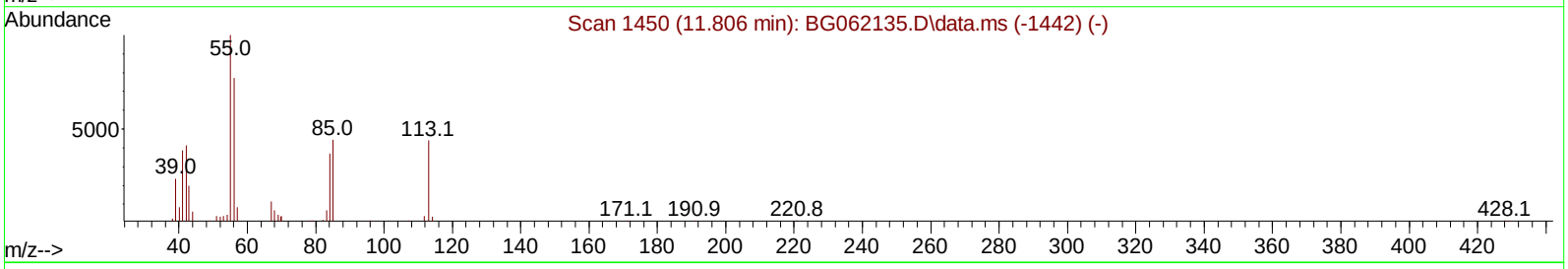
Instrument :
BNA_G
ClientSampleId :
SLCS078

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024







TIC: BG062152.D\data.ms

(34) Caprolactam

11.812min (+ 0.006) 16.26 ng/ul

response 24251

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	207.10
56.00	175.40	180.88
0.00	0.00	0.00

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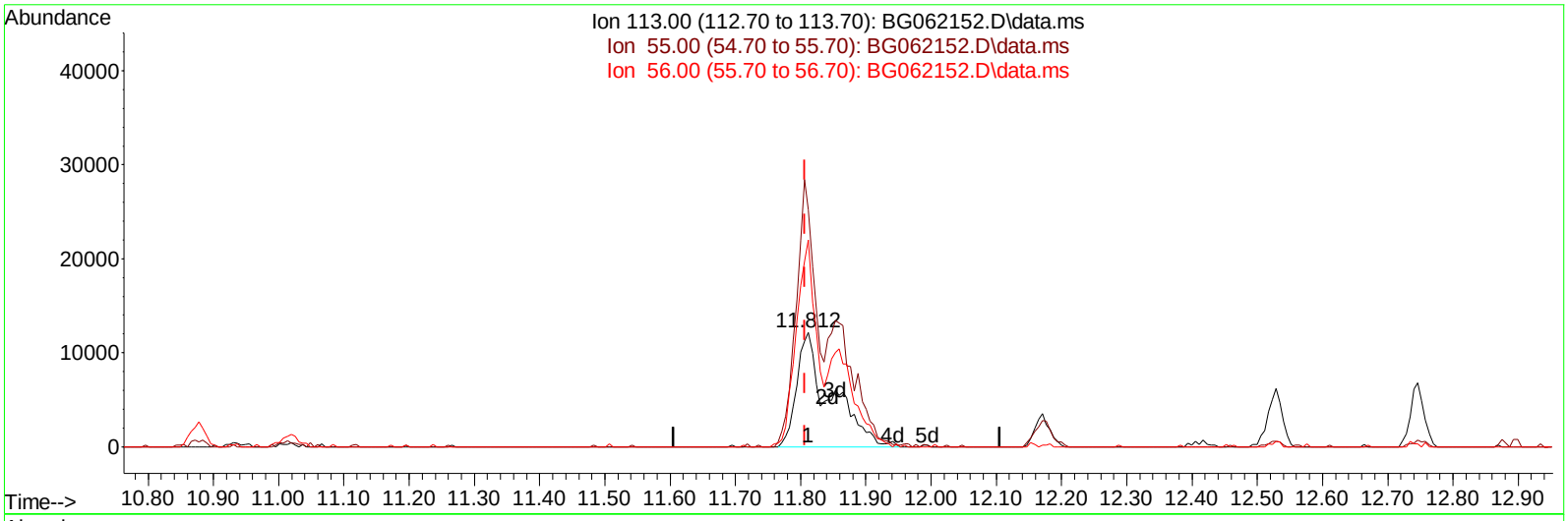

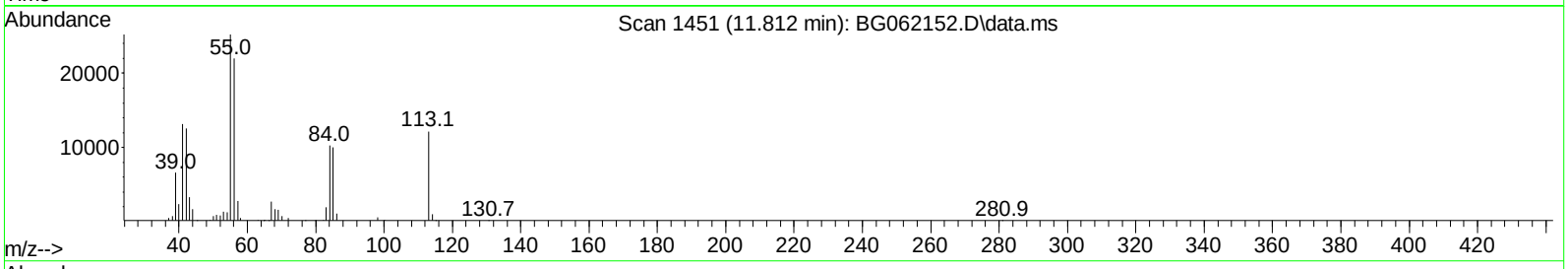

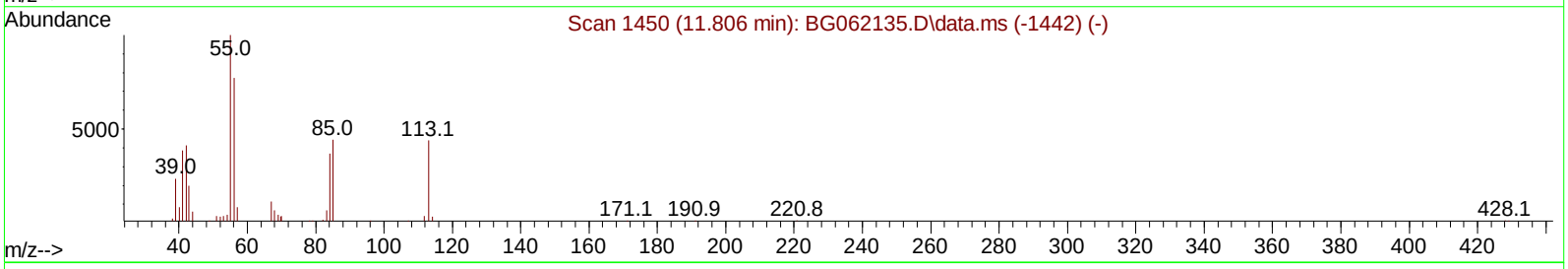

TIC: BG062152.D\data.ms

(34) Caprolactam

11.812min (+ 0.006) 29.12 ng/ul m

response 43444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	207.10
56.00	175.40	180.88
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	8.064	152	49615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136	229081	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	208761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	571417	20.000	ng/ul	0.00
79) Chrysene-d12	21.699	240	552724	20.000	ng/ul	0.00
88) Perylene-d12	24.930	264	561151	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	7216	6.790	ng/uL	0.00
4) Pyridine-d5	3.876	84	104465	27.055	ng/ul	0.00
7) Phenol-d5	7.236	99	137507	28.151	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	75082	26.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	80669	26.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	108718	29.225	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	45599	24.984	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143	58817	26.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	129195	28.094	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131	128204	23.175	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	471503	26.646	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	484871	27.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.926	143	58909	27.627	ng/ul	0.00
60) Fluorene-d10	15.683	176	414261	27.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	98177	27.036	ng/ul	0.00
73) Anthracene-d10	17.540	188	688422	25.791	ng/ul	0.00
81) Pyrene-d10	19.819	212	889089	28.370	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	824741	29.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	12304	8.832	ng/uL#	95
5) Pyridine	3.893	79	106287	26.901	ng/ul	88
6) Benzaldehyde	7.201	77	70400	27.452	ng/ul	91
8) Phenol	7.265	94	141726	29.409	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.483	93	87040	26.222	ng/ul	90
12) 2-Chlorophenol	7.635	128	86176	27.574	ng/ul	97
13) 2-Methylphenol	8.517	108	102845	28.482	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.587	45	161008	27.409	ng/ul	95
16) Acetophenone	8.893	105	188436	29.015	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.869	70	105192	28.307	ng/ul	92
18) 4-Methylphenol	8.851	108	118425	29.742	ng/ul	95
19) Hexachloroethane	9.145	117	37271	26.639	ng/ul	81
22) Nitrobenzene	9.280	77	151151	25.610	ng/ul	95
23) Isophorone	9.797	82	311534	26.020	ng/ul	96
25) 2-Nitrophenol	9.991	139	62977	27.108	ng/ul#	84
26) 2,4-Dimethylphenol	10.050	107	106071	19.027	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.279	93	145512	26.117	ng/ul	94
29) 2,4-Dichlorophenol	10.531	162	120518	27.587	ng/ul#	86
30) Naphthalene	10.931	128	324809	26.284	ng/ul	100
32) 4-Chloroaniline	11.043	127	123383	23.728	ng/ul	94
33) Hexachlorobutadiene	11.195	225	104622	25.203	ng/ul	98
34) Caprolactam	11.812	113	43444m	29.124	ng/ul	
35) 4-Chloro-3-methylphenol	12.170	107	157323	30.032	ng/ul	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.529	142	253432	27.165 ng/ul	89
37) 1-Methylnaphthalene	12.746	142	258094	26.830 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.887	216	222460	26.426 ng/ul#	96
40) Hexachlorocyclopentadiene	12.858	237	68554	16.604 ng/ul	94
41) 2,4,6-Trichlorophenol	13.140	196	119973	25.407 ng/ul	88
42) 2,4,5-Trichlorophenol	13.216	196	134988	26.262 ng/ul	96
43) 1,1'-Biphenyl	13.527	154	383534	25.955 ng/ul	95
44) 2-Chloronaphthalene	13.574	162	320967	26.417 ng/ul	96
45) 2-Nitroaniline	13.786	65	128193	28.631 ng/ul	92
47) Dimethylphthalate	14.144	163	439778	26.101 ng/ul	97
48) 2,6-Dinitrotoluene	14.273	165	91946	26.648 ng/ul	95
50) Acenaphthylene	14.420	152	518916	26.529 ng/ul	98
51) 3-Nitroaniline	14.608	138	81679	29.303 ng/ul#	88
52) Acenaphthene	14.755	153	329259	25.359 ng/ul	97
53) 2,4-Dinitrophenol	14.814	184	43257	23.418 ng/ul#	84
55) 4-Nitrophenol	14.937	109	91899	28.158 ng/ul	90
56) Dibenzofuran	15.090	168	525479	26.877 ng/ul	98
57) 2,4-Dinitrotoluene	15.061	165	141574	26.740 ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.325	232	111194	24.587 ng/ul#	95
59) Diethylphthalate	15.501	149	426373	25.594 ng/ul	97
61) Fluorene	15.742	166	441301	26.322 ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.724	204	271416	26.143 ng/ul	96
63) 4-Nitroaniline	15.771	138	89684	30.068 ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.824	198	95244	27.936 ng/ul#	94
67) N-Nitrosodiphenylamine	15.942	169	368588	26.369 ng/ul	93
68) 4-Bromophenyl-phenylether	16.617	248	181607	27.293 ng/ul	93
69) Hexachlorobenzene	16.735	284	193853	27.453 ng/ul	99
70) Atrazine	16.888	200	30554	4.338 ng/ul	97
71) Pentachlorophenol	17.093	266	44239	16.990 ng/ul	92
72) Phenanthrene	17.481	178	738459	26.855 ng/ul	96
74) Anthracene	17.575	178	719589	25.419 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.498	216	223683	27.329 ng/ul	93
76) Pentachlorobenzene	15.008	250	224630	27.731 ng/ul	98
77) Carbazole	17.845	167	646771	26.871 ng/ul	98
78) Di-n-butylphthalate	18.380	149	707718	25.648 ng/ul#	98
80) Fluoranthene	19.484	202	1009132	28.070 ng/ul	99
82) Pyrene	19.848	202	1045685	27.974 ng/ul	99
83) Butylbenzylphthalate	20.718	149	302662	27.286 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.593	252	319339	26.620 ng/ul	99
85) Benzo(a)anthracene	21.681	228	1049023	27.040 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.564	149	429916	27.037 ng/ul	100
87) Chrysene	21.746	228	969432	27.180 ng/ul	99
89) Di-n-octyl phthalate	22.774	149	741048	28.706 ng/ul	100
90) Benzo(b)fluoranthene	23.902	252	980796	28.290 ng/ul#	99
91) Benzo(k)fluoranthene	23.972	252	955972	27.623 ng/ul	98
93) Benzo(a)pyrene	24.783	252	831158	25.599 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.619	276	1078558	28.913 ng/ul#	95
95) Dibenzo(a,h)anthracene	28.683	278	907292	29.332 ng/ul	99
96) Benzo(g,h,i)perylene	29.782	276	839095	28.097 ng/ul	98

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

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