Quantitation Report (Qedit)

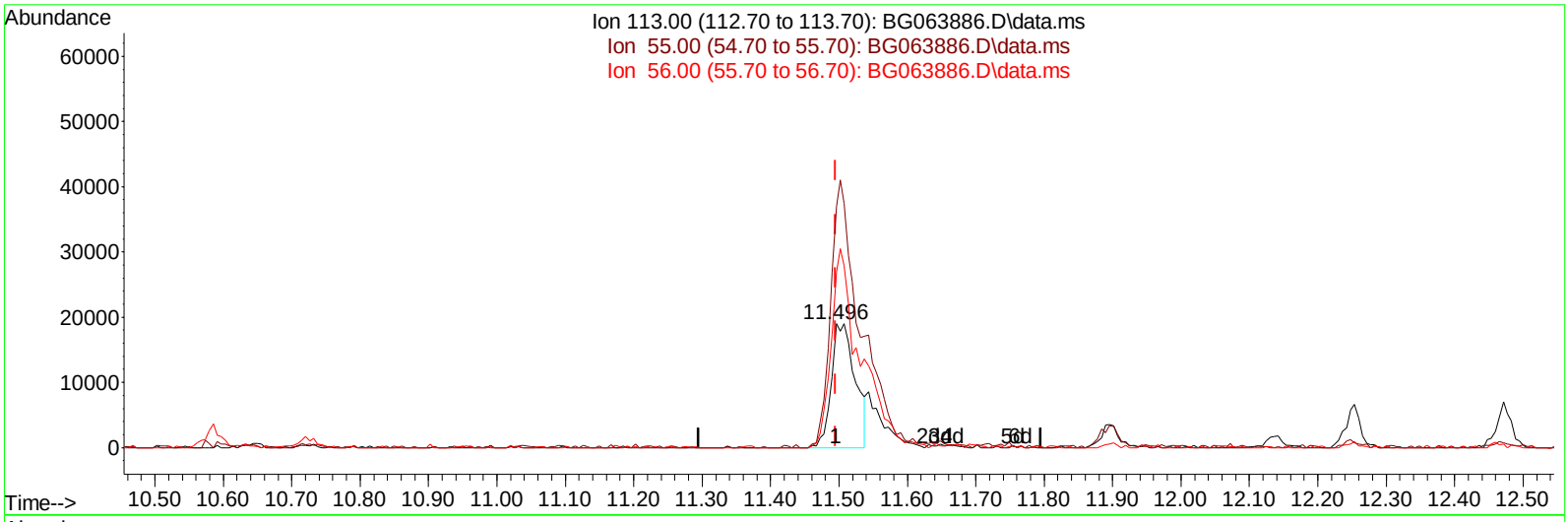
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063886.D
Acq On : 28 Dec 2024 2:49
Operator : RC/JU
Sample : PB165847BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

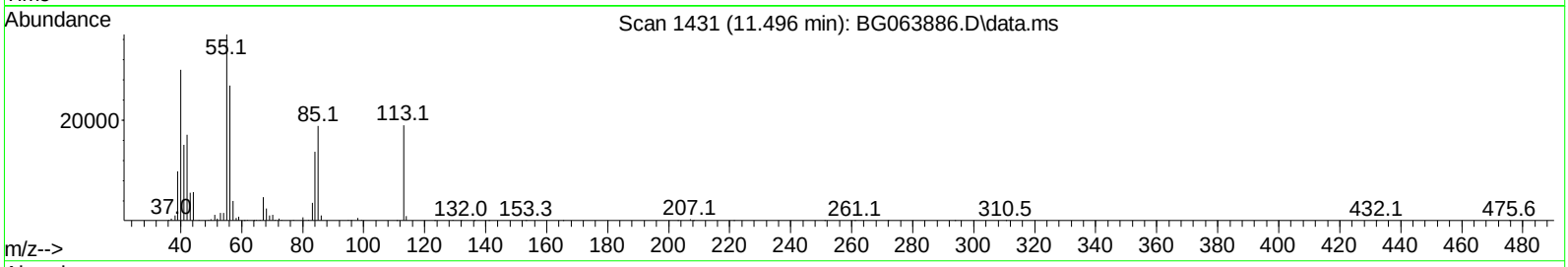
Quant Time: Dec 28 03:31:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

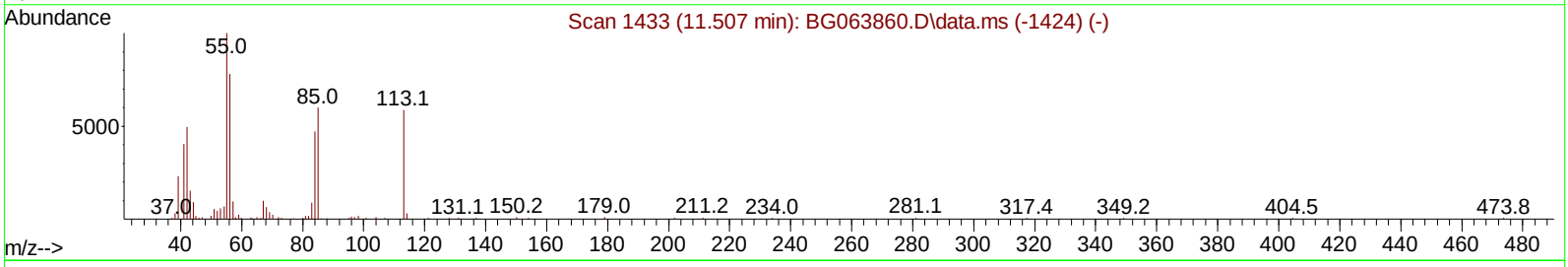
Instrument :
BNA_G
ClientSampleId :
SLCS847

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063886.D\data.ms

(34) Caprolactam

11.496min (+ 0.001) 19.60 ng/ul

response 46163

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.49
56.00	133.90	141.65
0.00	0.00	0.00

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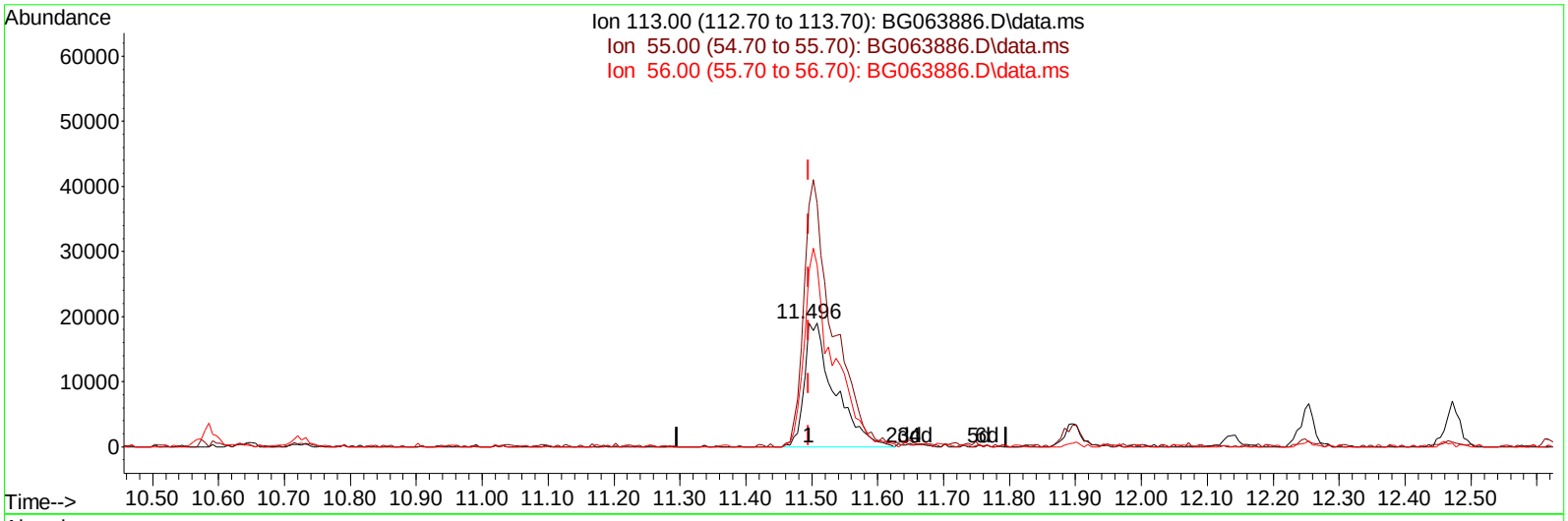

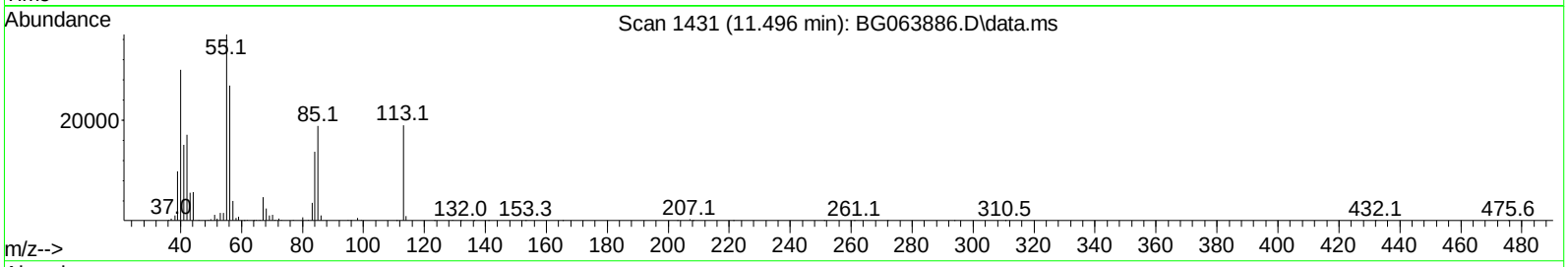

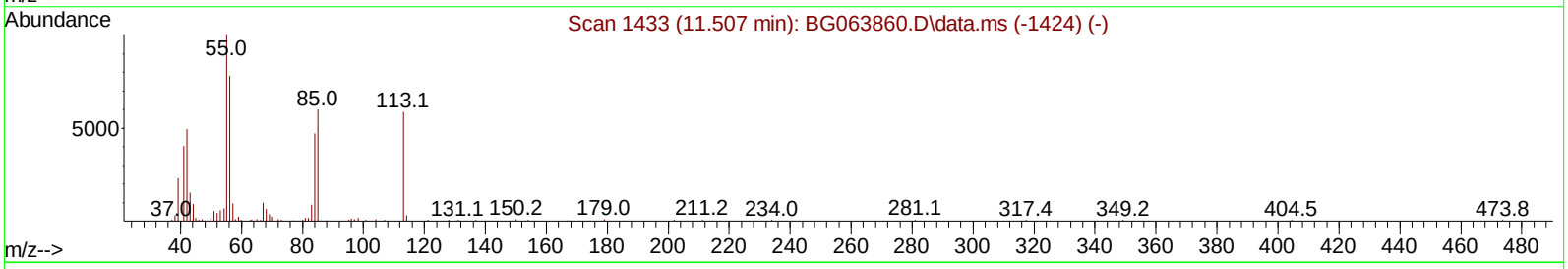

TIC: BG063886.D\data.ms

(34) Caprolactam

11.496min (+ 0.001) 25.48 ng/ul m

response 60035

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.49
56.00	133.90	141.65
0.00	0.00	0.00

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Sample : PB165847BS
Misc :
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Quant Time: Dec 28 03:32:34 2024
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	113023	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	442603	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	312238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	734524	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	801493	20.000	ng/ul	0.01
88) Perylene-d12	24.469	264	827695	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14640	5.076	ng/uL	0.00
4) Pyridine-d5	3.676	84	233873	25.705	ng/ul	0.01
7) Phenol-d5	6.989	99	247435	23.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	160643	22.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	166498	24.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	195641	24.208	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	82199	26.011	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	93829	26.487	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	183326	26.730	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	205326	23.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	539725	25.403	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	633340	26.150	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	83451	27.722	ng/ul	0.00
60) Fluorene-d10	15.438	176	479598	25.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	81612	21.400	ng/ul	0.01
73) Anthracene-d10	17.295	188	852211	26.986	ng/ul	0.00
81) Pyrene-d10	19.598	212	1023890	24.549	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	1041672	26.800	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	33234	9.737	ng/uL#	86
5) Pyridine	3.693	79	242569	24.891	ng/ul	95
6) Benzaldehyde	6.942	77	40291	6.310	ng/ul	95
8) Phenol	7.013	94	262497	23.662	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.224	93	194873	22.959	ng/ul	96
12) 2-Chlorophenol	7.371	128	174193	25.536	ng/ul	97
13) 2-Methylphenol	8.253	108	190220	23.724	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.311	45	293167	23.266	ng/ul	99
16) Acetophenone	8.617	105	300508	21.923	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.599	70	169907	20.773	ng/ul	95
18) 4-Methylphenol	8.582	108	208266	23.733	ng/ul	100
19) Hexachloroethane	8.870	117	75224	22.443	ng/ul	91
22) Nitrobenzene	8.993	77	262066	24.833	ng/ul	95
23) Isophorone	9.516	82	465327	23.337	ng/ul	98
25) 2-Nitrophenol	9.704	139	101934	27.999	ng/ul	87
26) 2,4-Dimethylphenol	9.774	107	213232	25.811	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.998	93	269001	24.943	ng/ul	96
29) 2,4-Dichlorophenol	10.250	162	184040	27.006	ng/ul	93
30) Naphthalene	10.638	128	557716	25.203	ng/ul	97
32) 4-Chloroaniline	10.750	127	123371	14.890	ng/ul	98
33) Hexachlorobutadiene	10.920	225	128904	23.283	ng/ul	98
34) Caprolactam	11.496	113	60035m	25.485	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	203450	25.429	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.254	142	385314	24.227	ng/ul	96
37) 1-Methylnaphthalene	12.471	142	390616	24.112	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.624	216	240234	24.034	ng/ul	98
40) Hexachlorocyclopentadiene	12.601	237	42644	10.792	ng/ul	96
41) 2,4,6-Trichlorophenol	12.877	196	151114	26.749	ng/ul	92
42) 2,4,5-Trichlorophenol	12.959	196	165265	28.031	ng/ul	97
43) 1,1'-Biphenyl	13.270	154	533792	25.923	ng/ul	96
44) 2-Chloronaphthalene	13.311	162	425879	25.756	ng/ul	98
45) 2-Nitroaniline	13.523	65	156363	28.231	ng/ul	94
47) Dimethylphthalate	13.893	163	543702	25.534	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	113190	28.622	ng/ul#	91
50) Acenaphthylene	14.163	152	672550	25.898	ng/ul	98
51) 3-Nitroaniline	14.351	138	110263	30.157	ng/ul	98
52) Acenaphthene	14.504	153	479765	26.065	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	33088	16.372	ng/ul	94
55) 4-Nitrophenol	14.692	109	75035	24.005	ng/ul	90
56) Dibenzofuran	14.845	168	685144	26.402	ng/ul	95
57) 2,4-Dinitrotoluene	14.816	165	164169	27.938	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.080	232	133648	26.297	ng/ul#	99
59) Diethylphthalate	15.262	149	538850	26.177	ng/ul	96
61) Fluorene	15.491	166	545437	26.322	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	285595	24.739	ng/ul	94
63) 4-Nitroaniline	15.521	138	121194	33.109	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.591	198	86656	22.056	ng/ul#	91
67) N-Nitrosodiphenylamine	15.703	169	470562	26.456	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	194916	26.038	ng/ul	98
69) Hexachlorobenzene	16.508	284	212100	25.289	ng/ul	97
70) Atrazine	16.655	200	198778	26.438	ng/ul	98
71) Pentachlorophenol	16.860	266	88132	24.923	ng/ul	91
72) Phenanthrene	17.236	178	965483	27.276	ng/ul	100
74) Anthracene	17.330	178	994420	27.757	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	239289	24.417	ng/ul	98
76) Pentachlorobenzene	14.769	250	247149	25.456	ng/ul	95
77) Carbazole	17.601	167	876614	30.228	ng/ul	96
78) Di-n-butylphthalate	18.165	149	1023706	29.230	ng/ul	98
80) Fluoranthene	19.263	202	1192163	25.149	ng/ul	97
82) Pyrene	19.628	202	1277320	25.326	ng/ul	97
83) Butylbenzylphthalate	20.521	149	478799	30.926	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.355	252	388785	26.871	ng/ul	94
85) Benzo(a)anthracene	21.431	228	1279178	25.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.343	149	717714	31.868	ng/ul	96
87) Chrysene	21.496	228	1231135	25.716	ng/ul	97
89) Di-n-octyl phthalate	22.477	149	1222333	34.215	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1251532	26.604	ng/ul	99
91) Benzo(k)fluoranthene	23.582	252	1244755	26.527	ng/ul	98
93) Benzo(a)pyrene	24.328	252	1181306	26.753	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.877	276	1453422	26.953	ng/ul	99
95) Dibenzo(a,h)anthracene	27.918	278	1174256	27.215	ng/ul	98
96) Benzo(g,h,i)perylene	28.946	276	1124760	26.285	ng/ul	98

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

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