Quantitation Report (Qedit)

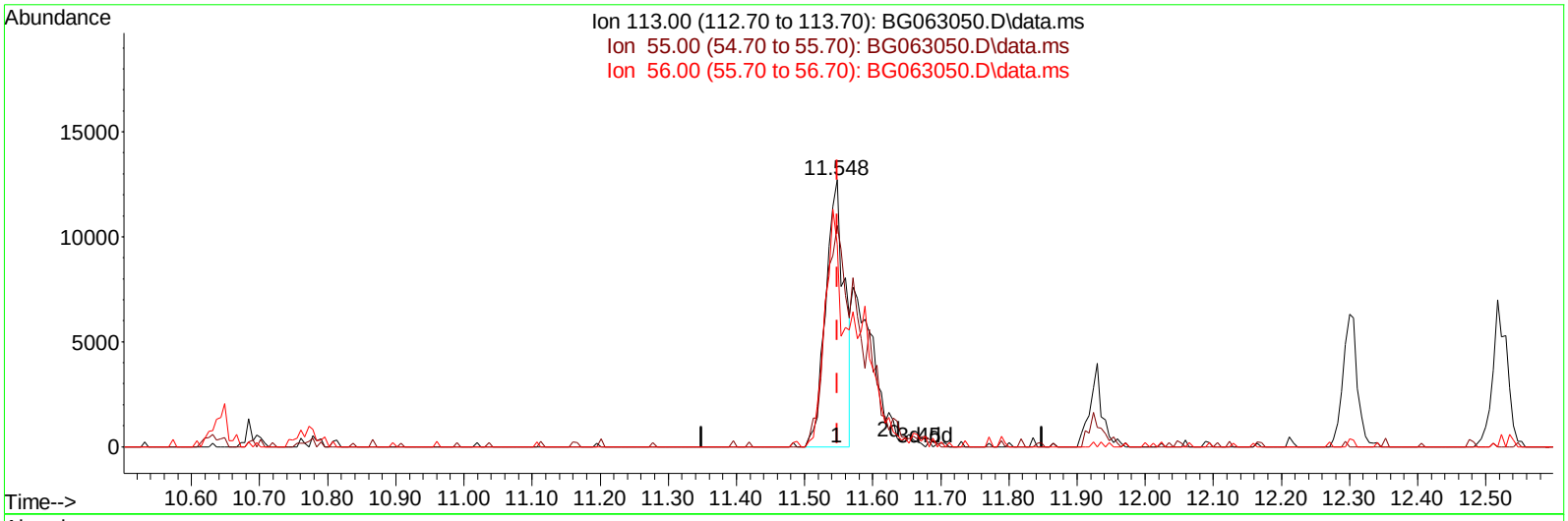
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063050.D
Acq On : 26 Sep 2024 2:35
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

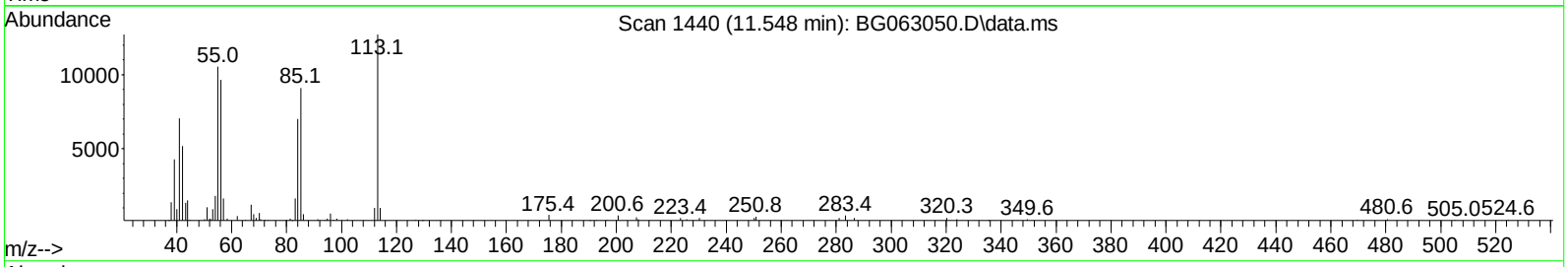
Quant Time: Sep 26 03:29:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

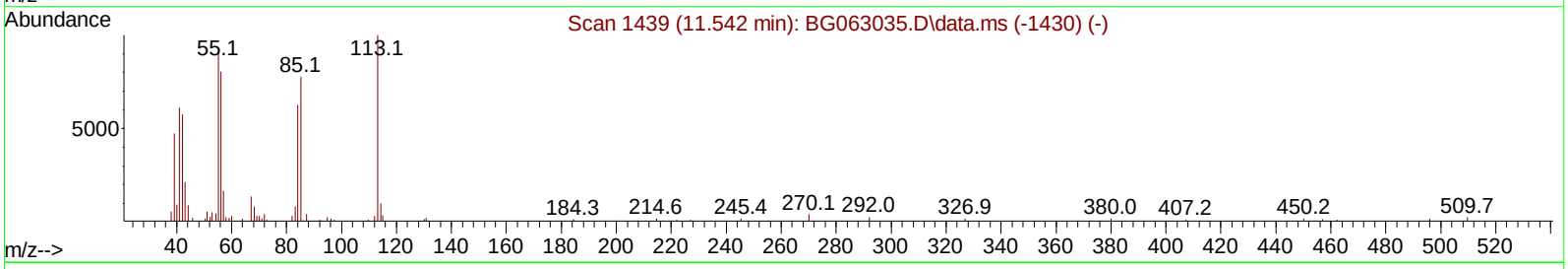
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063050.D\data.ms

(34) Caprolactam

11.548min (-0.001) 12.27 ng/ul

response 24282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	82.80#
56.00	79.40	75.85
0.00	0.00	0.00

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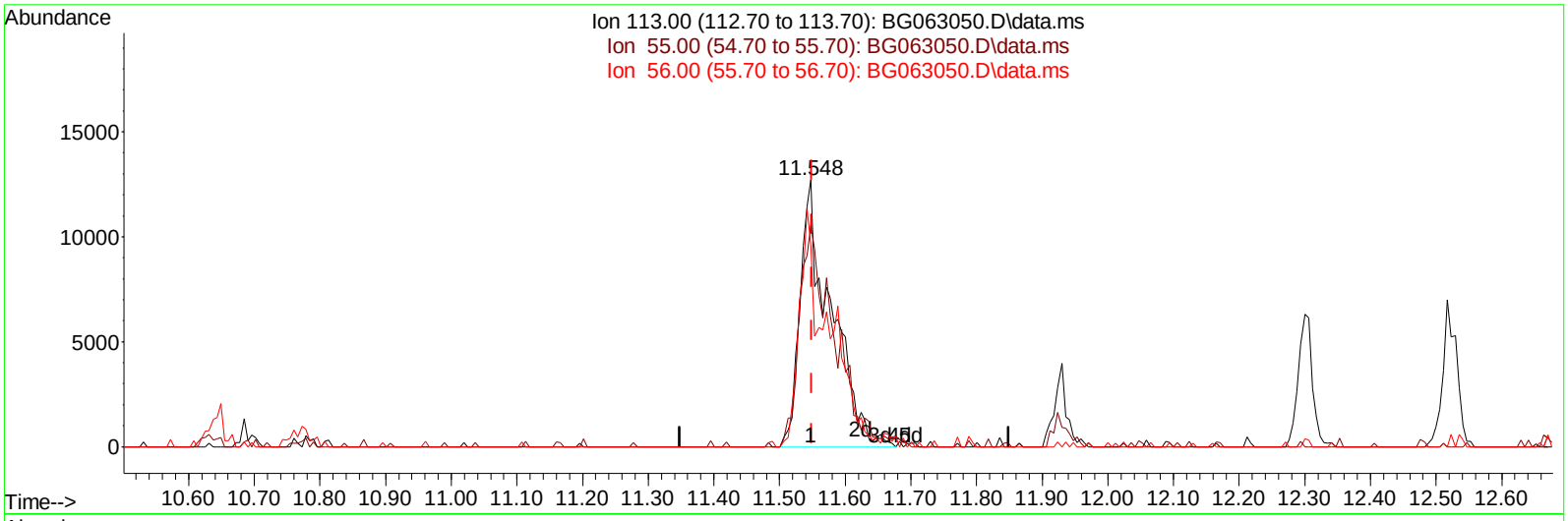

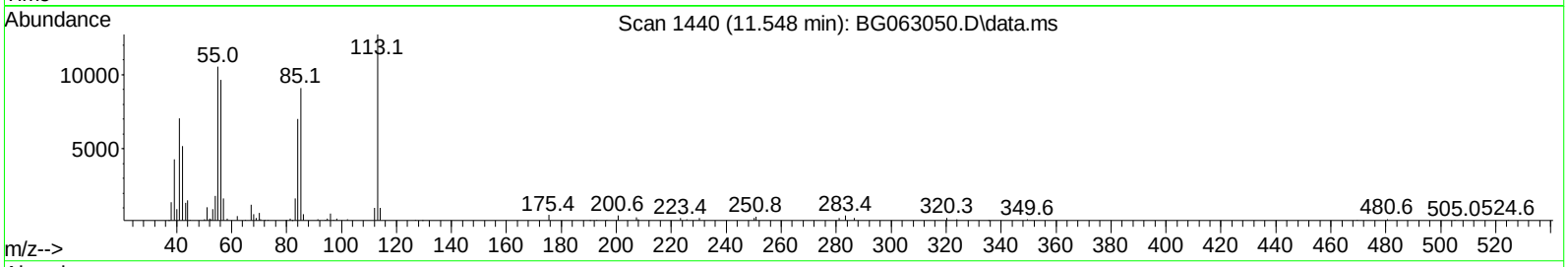

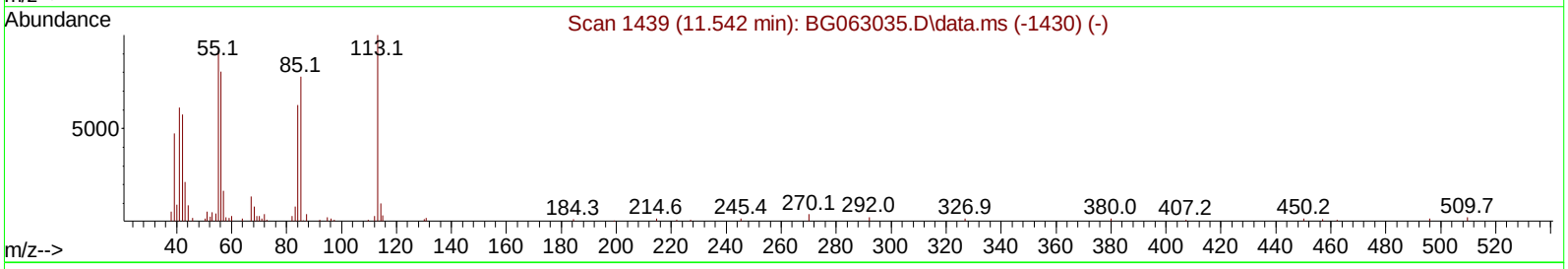

TIC: BG063050.D\data.ms

(34) Caprolactam

11.548min (-0.001) 21.06 ng/ul m

response 41674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	82.80#
56.00	79.40	75.85
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	7.846	152	83747	20.000	ng/ul	0.00
20) Naphthalene-d8	10.637	136	377249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	353173	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.235	188	1041892	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	1139271	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	1240007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	12082	8.317	ng/uL	0.00
4) Pyridine-d5	3.722	84	73346	20.648	ng/ul	0.00
7) Phenol-d5	7.024	99	106763	20.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.182	67	42653	21.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.382	132	105601	20.778	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	102748	22.004	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	51291	18.490	ng/ul	0.00
24) 2-Nitrophenol-d4	9.721	143	70431	19.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.261	165	144887	19.594	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	168421	19.411	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	543147	19.342	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	581573	19.544	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	81214	19.176	ng/ul	0.00
60) Fluorene-d10	15.479	176	491980	19.121	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	133413	18.323	ng/ul	0.00
73) Anthracene-d10	17.335	188	937771	18.760	ng/ul	0.00
81) Pyrene-d10	19.632	212	1266829	19.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	1264231	19.036	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	11545	6.732	ng/uL	96
5) Pyridine	3.739	79	75454	21.579	ng/ul	90
6) Benzaldehyde	6.988	77	57457	23.917	ng/ul	96
8) Phenol	7.047	94	109268	20.993	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.270	93	68230	21.067	ng/ul	92
12) 2-Chlorophenol	7.417	128	103368	20.949	ng/ul	96
13) 2-Methylphenol	8.293	108	95475	20.867	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	54474	22.079	ng/ul#	93
16) Acetophenone	8.669	105	154727	21.307	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.651	70	62520	21.054	ng/ul#	81
18) 4-Methylphenol	8.616	108	109584	21.864	ng/ul	98
19) Hexachloroethane	8.921	117	37484	19.196	ng/ul	89
22) Nitrobenzene	9.045	77	98984	18.901	ng/ul#	87
23) Isophorone	9.562	82	200461	19.822	ng/ul#	97
25) 2-Nitrophenol	9.750	139	69687	19.225	ng/ul#	87
26) 2,4-Dimethylphenol	9.820	107	130319	19.977	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.050	93	101762	19.252	ng/ul#	96
29) 2,4-Dichlorophenol	10.290	162	145138	20.510	ng/ul	97
30) Naphthalene	10.684	128	374079	19.508	ng/ul	98
32) 4-Chloroaniline	10.796	127	160440	20.109	ng/ul	93
33) Hexachlorobutadiene	10.978	225	136747	19.872	ng/ul	98
34) Caprolactam	11.548	113	41674m	21.056	ng/ul	
35) 4-Chloro-3-methylphenol	11.930	107	127869	20.562	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.300	142	309320	19.886	ng/ul	92
37) 1-Methylnaphthalene	12.523	142	311743	19.828	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.670	216	263489	19.205	ng/ul	97
40) Hexachlorocyclopentadiene	12.652	237	139890	17.943	ng/ul	95
41) 2,4,6-Trichlorophenol	12.917	196	159213	20.173	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	175349	20.216	ng/ul	91
43) 1,1'-Biphenyl	13.316	154	458511	19.608	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	374165	19.871	ng/ul	98
45) 2-Nitroaniline	13.563	65	66273	19.556	ng/ul	99
47) Dimethylphthalate	13.939	163	539502	20.034	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	110504	19.928	ng/ul	95
50) Acenaphthylene	14.204	152	583637	19.572	ng/ul	98
51) 3-Nitroaniline	14.386	138	102186	21.834	ng/ul	97
52) Acenaphthene	14.550	153	419417	20.192	ng/ul	97
53) 2,4-Dinitrophenol	14.597	184	77218	19.698	ng/ul#	90
55) 4-Nitrophenol	14.703	109	99932	19.493	ng/ul	99
56) Dibenzofuran	14.885	168	666619	20.058	ng/ul	100
57) 2,4-Dinitrotoluene	14.850	165	178167	20.167	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.114	232	188460	20.335	ng/ul	99
59) Diethylphthalate	15.308	149	529960	19.892	ng/ul	97
61) Fluorene	15.537	166	531666	19.411	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.531	204	337958	19.637	ng/ul	96
63) 4-Nitroaniline	15.555	138	112061	22.080	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.620	198	145758	18.880	ng/ul	97
67) N-Nitrosodiphenylamine	15.743	169	485675	18.699	ng/ul	97
68) 4-Bromophenyl-phenylether	16.424	248	247982	19.394	ng/ul	94
69) Hexachlorobenzene	16.542	284	276649	19.419	ng/ul	98
70) Atrazine	16.695	200	254911	19.959	ng/ul	99
71) Pentachlorophenol	16.889	266	163333	18.424	ng/ul	89
72) Phenanthrene	17.276	178	1025552	19.095	ng/ul	100
74) Anthracene	17.370	178	1049722	19.006	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	279700	18.813	ng/ul	96
76) Pentachlorobenzene	14.809	250	314115	19.391	ng/ul	96
77) Carbazole	17.641	167	864979	19.570	ng/ul	98
78) Di-n-butylphthalate	18.205	149	927553	19.324	ng/ul	99
80) Fluoranthene	19.298	202	1413771	19.662	ng/ul	100
82) Pyrene	19.662	202	1497702	19.885	ng/ul	100
83) Butylbenzylphthalate	20.555	149	415477	19.985	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.389	252	552271	20.509	ng/ul	98
85) Benzo(a)anthracene	21.471	228	1544434	19.518	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.389	149	570743	19.199	ng/ul	98
87) Chrysene	21.530	228	1417257	19.295	ng/ul	99
89) Di-n-octyl phthalate	22.535	149	933234	19.848	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1495363	19.392	ng/ul	97
91) Benzo(k)fluoranthene	23.628	252	1443430	18.842	ng/ul	98
93) Benzo(a)pyrene	24.386	252	1351223	19.144	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.952	276	1671353	19.234	ng/ul	96
95) Dibenzo(a,h)anthracene	28.005	278	1358605	19.186	ng/ul	99
96) Benzo(g,h,i)perylene	29.016	276	1269144	19.285	ng/ul	94

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

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