Quantitation Report (Qedit)

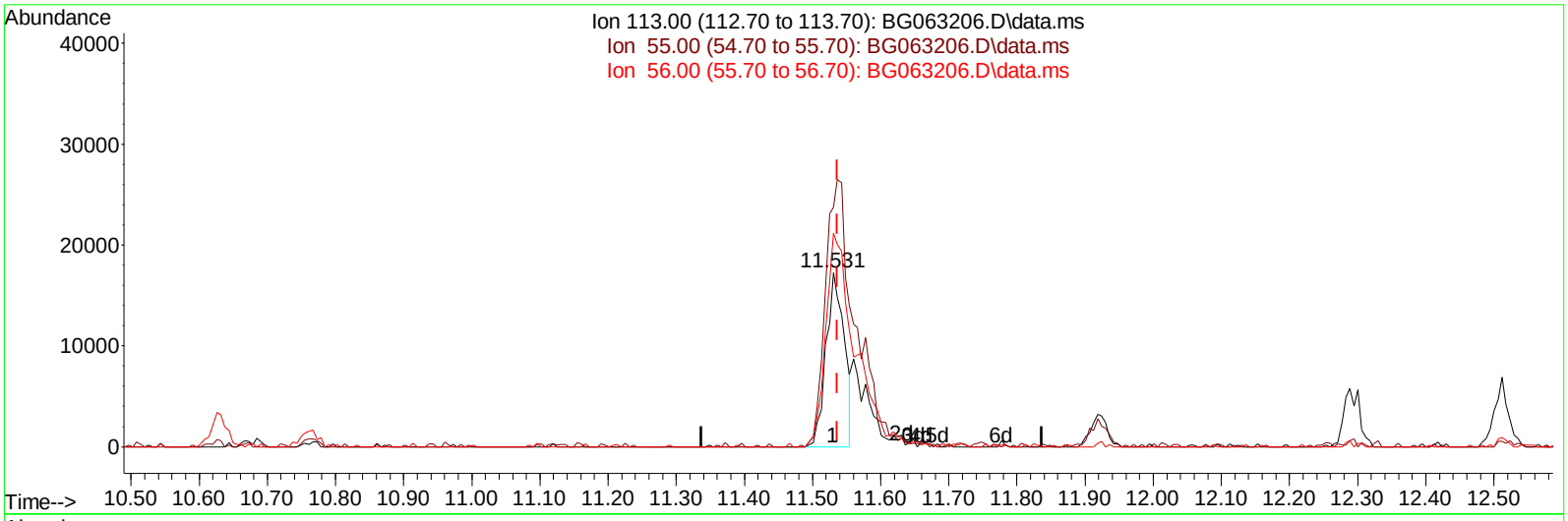
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063206.D
Acq On : 7 Nov 2024 17:31
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 45 Sample Multiplier: 1

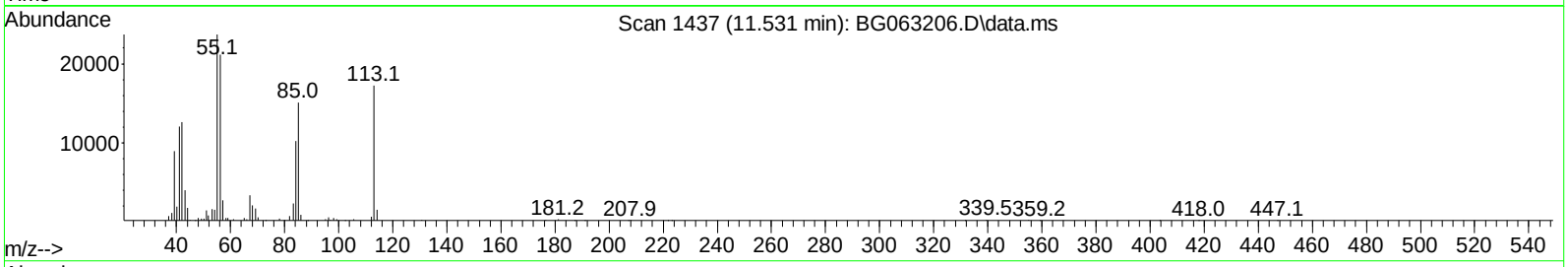
Quant Time: Nov 07 17:26:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

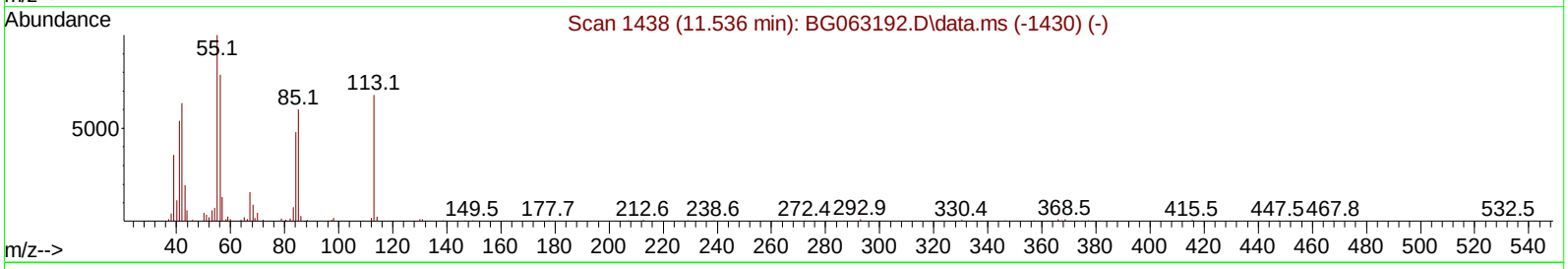
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063206.D\data.ms

(34) Caprolactam

11.531min (-0.006) 12.60 ng/ul

response 32196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	137.35
56.00	105.40	122.75
0.00	0.00	0.00

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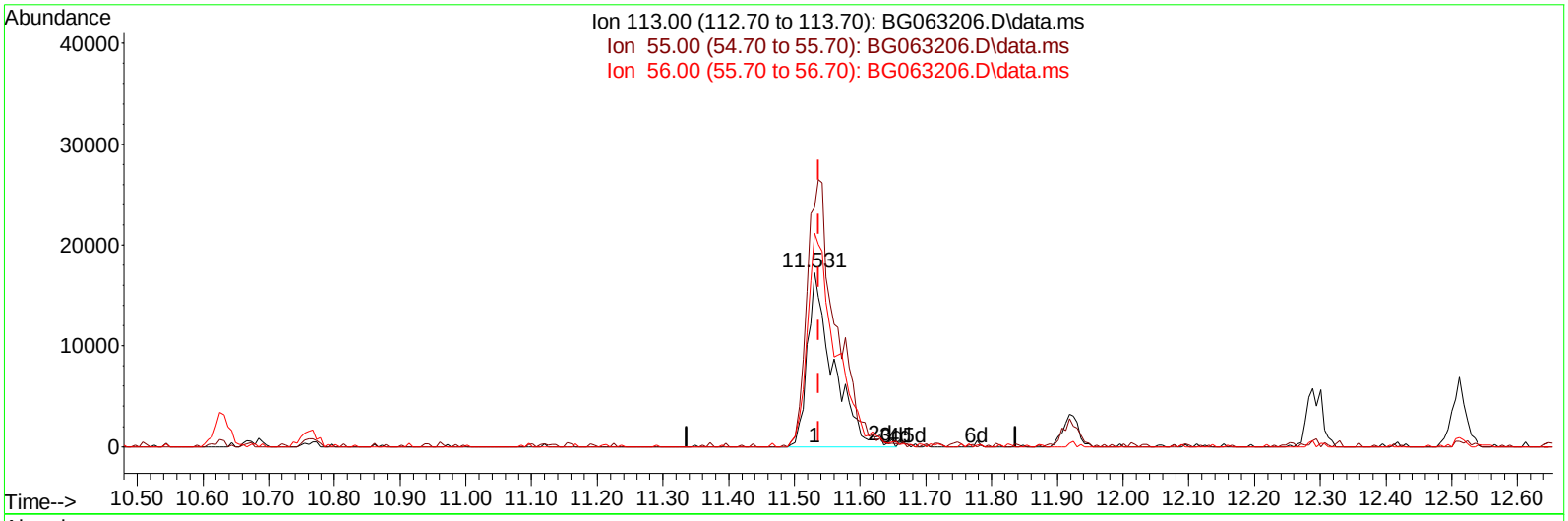

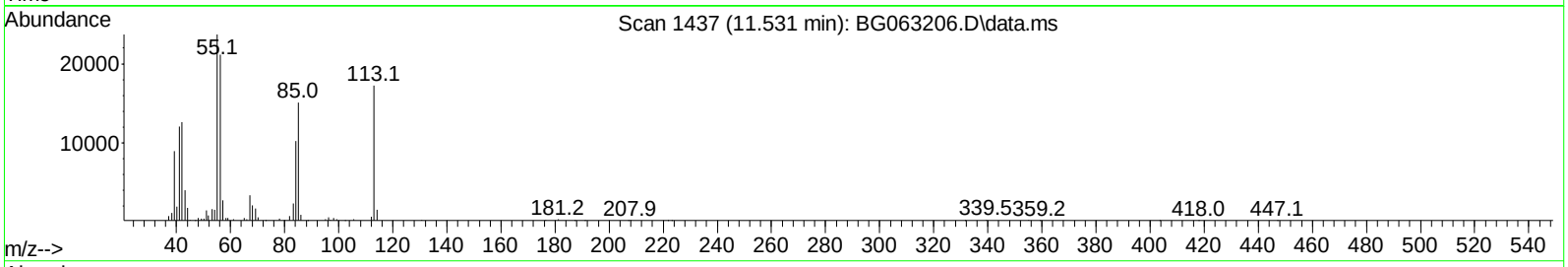

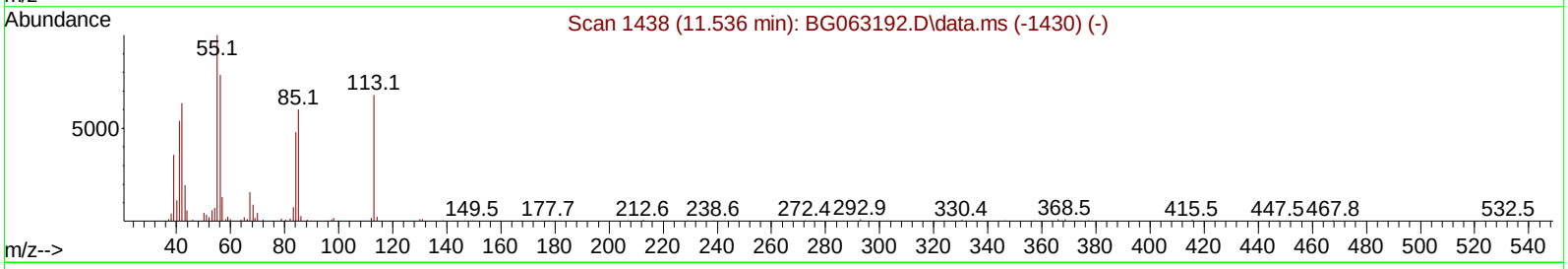

TIC: BG063206.D\data.ms

(34) Caprolactam

11.531min (-0.006) 18.62 ng/ul m

response 47572

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	137.35
56.00	105.40	122.75
0.00	0.00	0.00

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Misc :
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Quant Time: Nov 07 17:28:06 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
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LabSampleId :
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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	7.841	152	76285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	365643	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	347723	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	875260	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	921483	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	977141	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	11682	6.924	ng/uL	0.00
4) Pyridine-d5	3.710	84	104388	18.721	ng/ul	0.00
7) Phenol-d5	7.012	99	136223	19.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	79014	19.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	97411	21.802	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	120601	20.670	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	52419	20.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.715	143	68173	20.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	146072	22.404	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	173957	20.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	497337	18.259	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	566347	21.244	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	69423	18.616	ng/ul	0.00
60) Fluorene-d10	15.473	176	472007	20.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	100421	18.256	ng/ul	0.00
73) Anthracene-d10	17.324	188	811675	21.577	ng/ul	0.00
81) Pyrene-d10	19.627	212	1004559	21.743	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1020452	21.630	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	13454	6.478	ng/uL	99
5) Pyridine	3.728	79	105620	18.565	ng/ul#	84
6) Benzaldehyde	6.977	77	90769	23.859	ng/ul	95
8) Phenol	7.042	94	151645	20.215	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.259	93	96050	18.827	ng/ul	93
12) 2-Chlorophenol	7.406	128	101757	21.292	ng/ul	94
13) 2-Methylphenol	8.287	108	116926	21.339	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	125153	19.409	ng/ul	96
16) Acetophenone	8.652	105	186255	19.827	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.640	70	101130	18.456	ng/ul#	98
18) 4-Methylphenol	8.611	108	129344	20.759	ng/ul	96
19) Hexachloroethane	8.916	117	41799	21.583	ng/ul	97
22) Nitrobenzene	9.034	77	167114	21.084	ng/ul	93
23) Isophorone	9.556	82	298737	17.858	ng/ul	96
25) 2-Nitrophenol	9.745	139	69307	21.103	ng/ul	91
26) 2,4-Dimethylphenol	9.809	107	149347	20.848	ng/ul#	91
27) Bis(2-Chloroethoxy)met...	10.038	93	154931	19.211	ng/ul	95
29) 2,4-Dichlorophenol	10.285	162	136147	22.150	ng/ul	94
30) Naphthalene	10.679	128	395501	21.140	ng/ul	99
32) 4-Chloroaniline	10.790	127	159531	19.628	ng/ul	100
33) Hexachlorobutadiene	10.967	225	125036	21.255	ng/ul	92
34) Caprolactam	11.531	113	47572m	18.621	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	158198	21.449	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	314711	21.224	ng/ul	96
37) 1-Methylnaphthalene	12.512	142	329429	21.364	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.665	216	257502	21.007	ng/ul	98
40) Hexachlorocyclopentadiene	12.641	237	93487	13.967	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.906	196	148800	22.489	ng/ul	95
42) 2,4,5-Trichlorophenol	12.982	196	164363	22.908	ng/ul	93
43) 1,1'-Biphenyl	13.305	154	470905	21.365	ng/ul	97
44) 2-Chloronaphthalene	13.346	162	373509	21.767	ng/ul	100
45) 2-Nitroaniline	13.558	65	115709	19.768	ng/ul	93
47) Dimethylphthalate	13.928	163	470854	18.029	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	102207	20.451	ng/ul	98
50) Acenaphthylene	14.198	152	575984	21.689	ng/ul	99
51) 3-Nitroaniline	14.380	138	97508	22.353	ng/ul	93
52) Acenaphthene	14.539	153	405679	21.344	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	45817	13.905	ng/ul#	89
55) 4-Nitrophenol	14.703	109	91296	18.836	ng/ul	97
56) Dibenzofuran	14.880	168	617351	21.218	ng/ul	94
57) 2,4-Dinitrotoluene	14.844	165	152185	19.254	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.109	232	155940	20.986	ng/ul#	96
59) Diethylphthalate	15.297	149	477123	17.819	ng/ul	98
61) Fluorene	15.526	166	516138	20.960	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.520	204	317459	20.059	ng/ul	93
63) 4-Nitroaniline	15.544	138	98431	22.294	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.608	198	110543	19.364	ng/ul	98
67) N-Nitrosodiphenylamine	15.737	169	439162	22.492	ng/ul	96
68) 4-Bromophenyl-phenylether	16.419	248	220718	22.059	ng/ul	96
69) Hexachlorobenzene	16.537	284	226778	21.275	ng/ul	96
70) Atrazine	16.689	200	210930	19.747	ng/ul	92
71) Pentachlorophenol	16.883	266	104540	19.562	ng/ul	96
72) Phenanthrene	17.271	178	867906	21.703	ng/ul	100
74) Anthracene	17.359	178	879573	21.471	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.276	216	273639	24.177	ng/ul	99
76) Pentachlorobenzene	14.797	250	286366	23.726	ng/ul	94
77) Carbazole	17.629	167	724124	21.290	ng/ul	99
78) Di-n-butylphthalate	18.193	149	801736	20.723	ng/ul	99
80) Fluoranthene	19.292	202	1108640	22.200	ng/ul	98
82) Pyrene	19.651	202	1167555	22.057	ng/ul#	96
83) Butylbenzylphthalate	20.549	149	370796	23.969	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.384	252	451932	22.808	ng/ul	99
85) Benzo(a)anthracene	21.460	228	1272347	21.829	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	515397	22.873	ng/ul	97
87) Chrysene	21.525	228	1169885	21.528	ng/ul	99
89) Di-n-octyl phthalate	22.524	149	912524	23.698	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1242769	21.139	ng/ul	99
91) Benzo(k)fluoranthene	23.622	252	1283492	21.918	ng/ul	99
93) Benzo(a)pyrene	24.374	252	1150418	21.155	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.947	276	1436021	21.528	ng/ul	96
95) Dibenzo(a,h)anthracene	27.982	278	1183883	21.769	ng/ul	98
96) Benzo(g,h,i)perylene	29.010	276	1075177	21.259	ng/ul	99

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

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