Quantitation Report (Qedit)

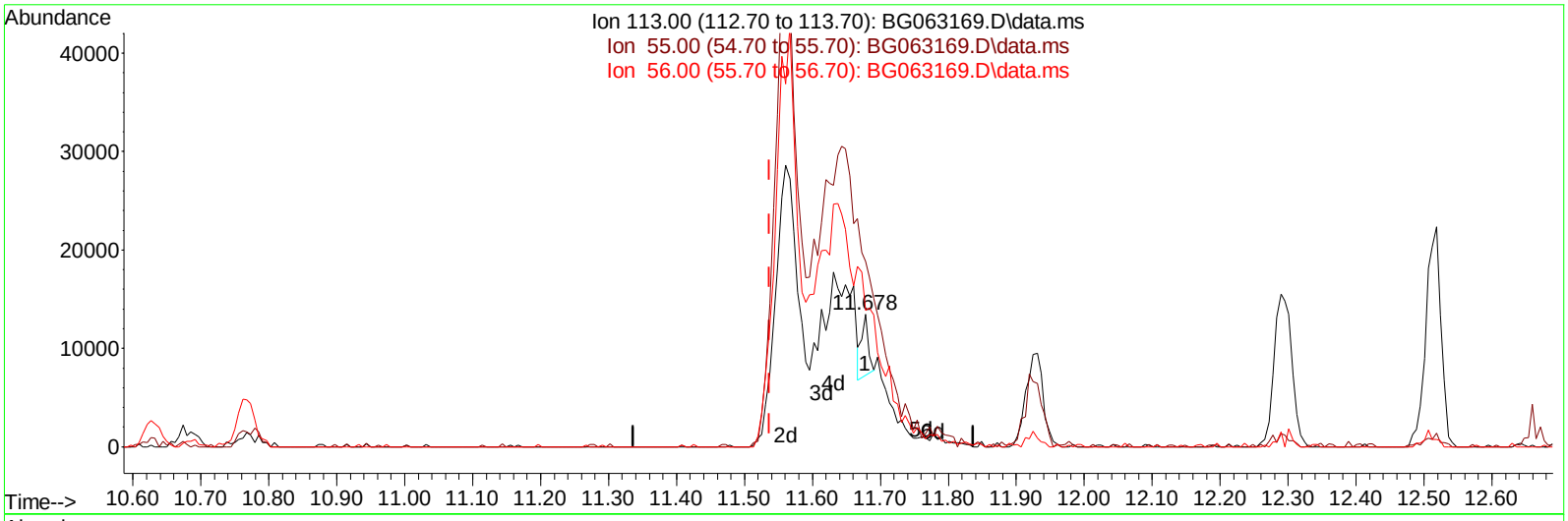
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063169.D
Acq On : 6 Nov 2024 14:48
Operator : RC/JU
Sample : SSTD08074
Misc :
ALS Vial : 6 Sample Multiplier: 1

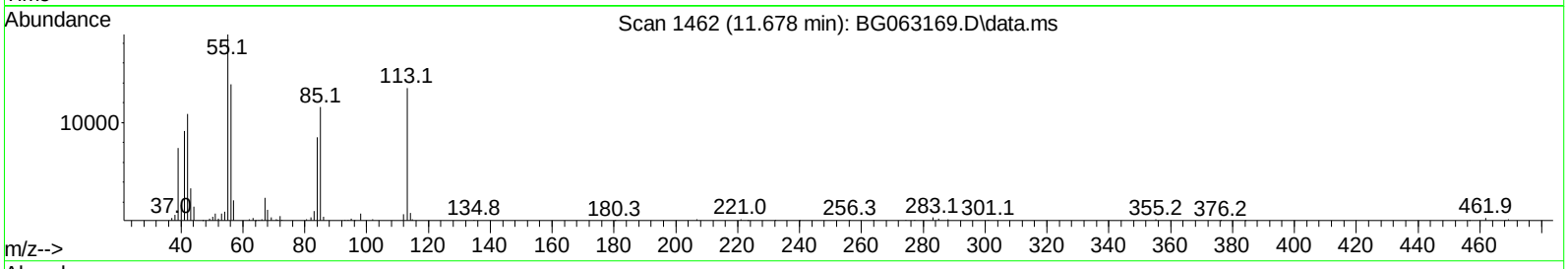
Quant Time: Nov 06 15:02:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 14:59:17 2024
Response via : Initial Calibration

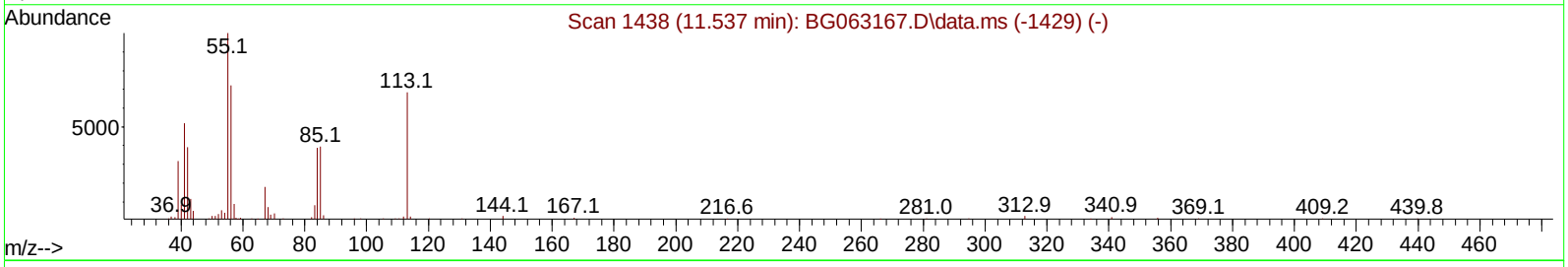
Instrument :
BNA_G
ClientSampleId :
SSTD080414

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063169.D\data.ms

(34) Caprolactam

11.678min (+ 0.141) 2.49 ng/ul

response 4336

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	139.89
56.00	105.40	102.80
0.00	0.00	0.00

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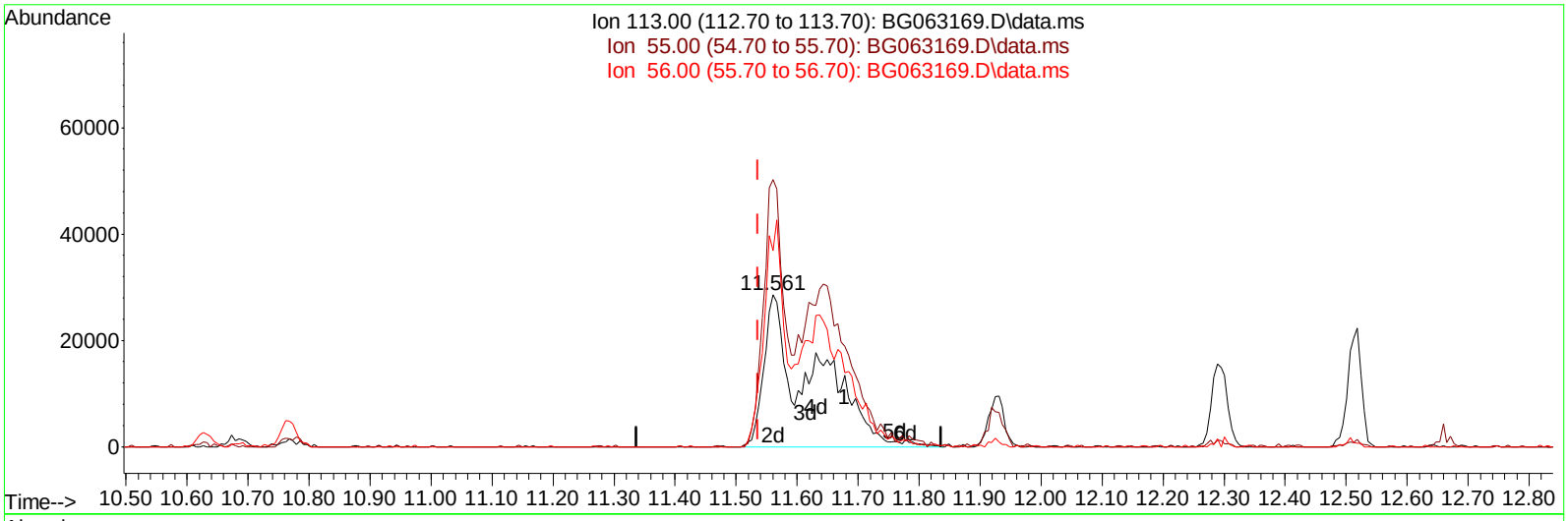

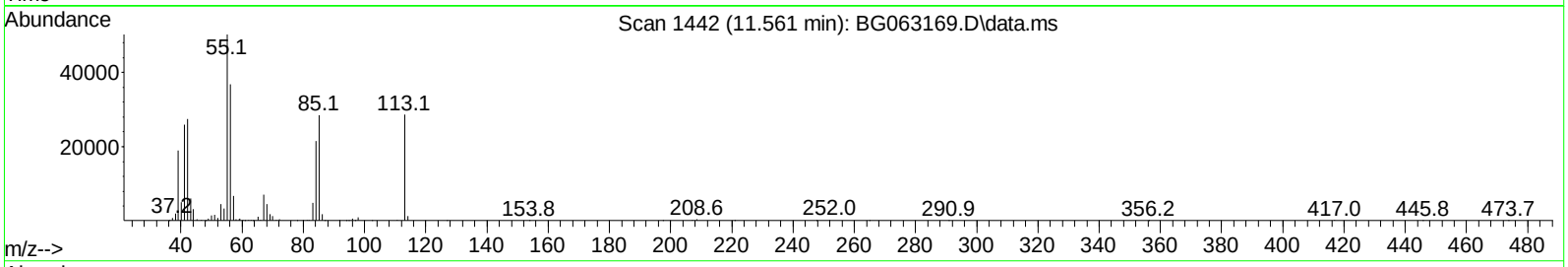

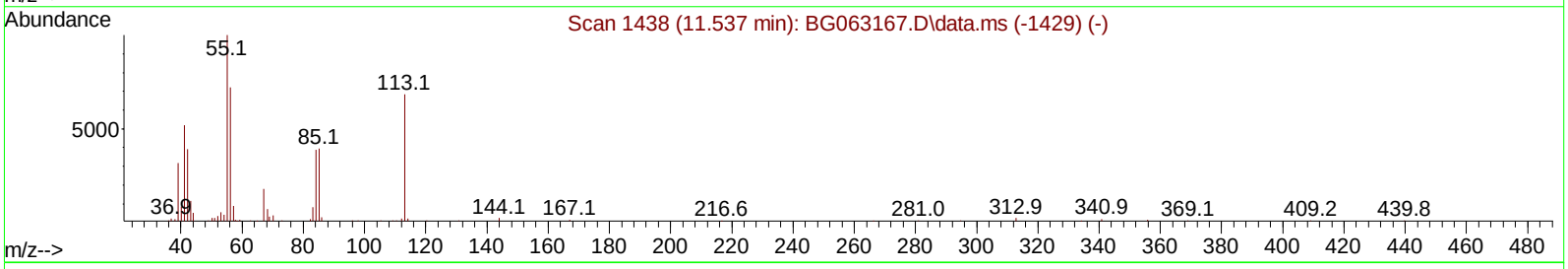

TIC: BG063169.D\data.ms

(34) Caprolactam

11.561min (+ 0.024) 90.94 ng/ul m

response 158452

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	175.43#
56.00	105.40	128.74#
0.00	0.00	0.00

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Operator : RC/JU
Sample : SSTD08074
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 06 15:03:45 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 14:59:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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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	62951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	297656	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.481	164	283849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	763747	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	845293	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	890483	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	42057	28.843	ng/uL	0.00
4) Pyridine-d5	3.711	84	372431	83.698	ng/ul	0.00
7) Phenol-d5	7.013	99	466598	88.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.172	67	264546	83.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	310501	83.717	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	385874	90.445	ng/ul	0.01
21) Nitrobenzene-d5	8.999	128	172392	82.183	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	221598	84.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	456070	87.060	ng/ul	0.00
31) 4-Chloroaniline-d4	10.767	131	568827	88.625	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1675619	84.709	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1727414	79.234	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	253837	90.168	ng/ul	0.02
60) Fluorene-d10	15.474	176	1477778	81.306	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	396663	86.762	ng/ul	0.00
73) Anthracene-d10	17.330	188	2537622	76.935	ng/ul	0.00
81) Pyrene-d10	19.628	212	3230267	78.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	3481033	81.804	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	46967	26.829	ng/uL#	85
5) Pyridine	3.729	79	380887	82.955	ng/ul	99
6) Benzaldehyde	6.984	77	177285	61.036	ng/ul	94
8) Phenol	7.042	94	502856	88.325	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.266	93	324668	82.397	ng/ul	88
12) 2-Chlorophenol	7.407	128	333479	87.939	ng/ul	99
13) 2-Methylphenol	8.282	108	363377	87.851	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.359	45	422130	86.177	ng/ul	97
16) Acetophenone	8.664	105	614132	89.719	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.658	70	364082	97.430	ng/ul	96
18) 4-Methylphenol	8.617	108	416723	91.883	ng/ul	98
19) Hexachloroethane	8.917	117	124890	76.234	ng/ul	93
22) Nitrobenzene	9.040	77	517041	78.669	ng/ul	95
23) Isophorone	9.569	82	1042758	87.941	ng/ul	96
25) 2-Nitrophenol	9.751	139	217603	81.657	ng/ul#	82
26) 2,4-Dimethylphenol	9.816	107	485101	82.692	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.045	93	514625	84.074	ng/ul	98
29) 2,4-Dichlorophenol	10.286	162	427499	85.274	ng/ul	94
30) Naphthalene	10.679	128	1190026	78.416	ng/ul	99
32) 4-Chloroaniline	10.791	127	536795	88.499	ng/ul	98
33) Hexachlorobutadiene	10.967	225	380917	75.604	ng/ul	95
34) Caprolactam	11.561	113	158452m	90.942	ng/ul	
35) 4-Chloro-3-methylphenol	11.925	107	485884	89.155	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.295	142	962081	82.729	ng/ul	96
37) 1-Methylnaphthalene	12.512	142	984795	83.538	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.665	216	821380	77.534	ng/ul	96
40) Hexachlorocyclopentadiene	12.648	237	473750	80.703	ng/ul	98
41) 2,4,6-Trichlorophenol	12.906	196	470541	88.830	ng/ul	98
42) 2,4,5-Trichlorophenol	12.983	196	511859	89.659	ng/ul	89
43) 1,1'-Biphenyl	13.306	154	1421276	76.984	ng/ul	99
44) 2-Chloronaphthalene	13.353	162	1121617	79.419	ng/ul	99
45) 2-Nitroaniline	13.558	65	407718	90.760	ng/ul	93
47) Dimethylphthalate	13.934	163	1588013	83.661	ng/ul	99
48) 2,6-Dinitrotoluene	14.058	165	338176	88.196	ng/ul	92
50) Acenaphthylene	14.199	152	1704172	79.921	ng/ul	98
51) 3-Nitroaniline	14.387	138	261872	77.202	ng/ul	97
52) Acenaphthene	14.545	153	1225458	78.436	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	228472	112.809	ng/ul	95
55) 4-Nitrophenol	14.716	109	333538	89.665	ng/ul	97
56) Dibenzofuran	14.880	168	1842878	79.097	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	518034	88.078	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.109	232	537409	96.500	ng/ul#	99
59) Diethylphthalate	15.303	149	1609322	83.760	ng/ul	99
61) Fluorene	15.533	166	1586991	80.903	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	1035621	82.213	ng/ul	97
63) 4-Nitroaniline	15.556	138	255358	73.944	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.621	198	417203	85.936	ng/ul	97
67) N-Nitrosodiphenylamine	15.738	169	1374012	80.698	ng/ul	99
68) 4-Bromophenyl-phenylether	16.420	248	718205	80.453	ng/ul	98
69) Hexachlorobenzene	16.537	284	762933	81.376	ng/ul	97
70) Atrazine	16.696	200	736599	80.841	ng/ul	97
71) Pentachlorophenol	16.884	266	381668	101.081	ng/ul	94
72) Phenanthrene	17.272	178	2695942	76.432	ng/ul	98
74) Anthracene	17.366	178	2716103	76.280	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.276	216	830022	77.237	ng/ul	97
76) Pentachlorobenzene	14.804	250	880466	77.370	ng/ul	96
77) Carbazole	17.636	167	2289225	77.628	ng/ul	95
78) Di-n-butylphthalate	18.200	149	2489295	75.072	ng/ul	99
80) Fluoranthene	19.293	202	3451153	77.386	ng/ul	99
82) Pyrene	19.657	202	3536895	73.834	ng/ul	97
83) Butylbenzylphthalate	20.550	149	1163971	83.287	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	1382589	77.414	ng/ul	96
85) Benzo(a)anthracene	21.467	228	4000349	74.216	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.384	149	1677266	84.023	ng/ul	96
87) Chrysene	21.531	228	3741544	74.373	ng/ul	92
89) Di-n-octyl phthalate	22.524	149	2853292	82.546	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	4223070	80.022	ng/ul	97
91) Benzo(k)fluoranthene	23.635	252	4207915	78.738	ng/ul	96
93) Benzo(a)pyrene	24.387	252	3932977	80.071	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.959	276	5013198	83.148	ng/ul	98
95) Dibenzo(a,h)anthracene	28.012	278	4035531	82.606	ng/ul	99
96) Benzo(g,h,i)perylene	29.028	276	3757869	82.263	ng/ul	98

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

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