Quantitation Report (Qedit)

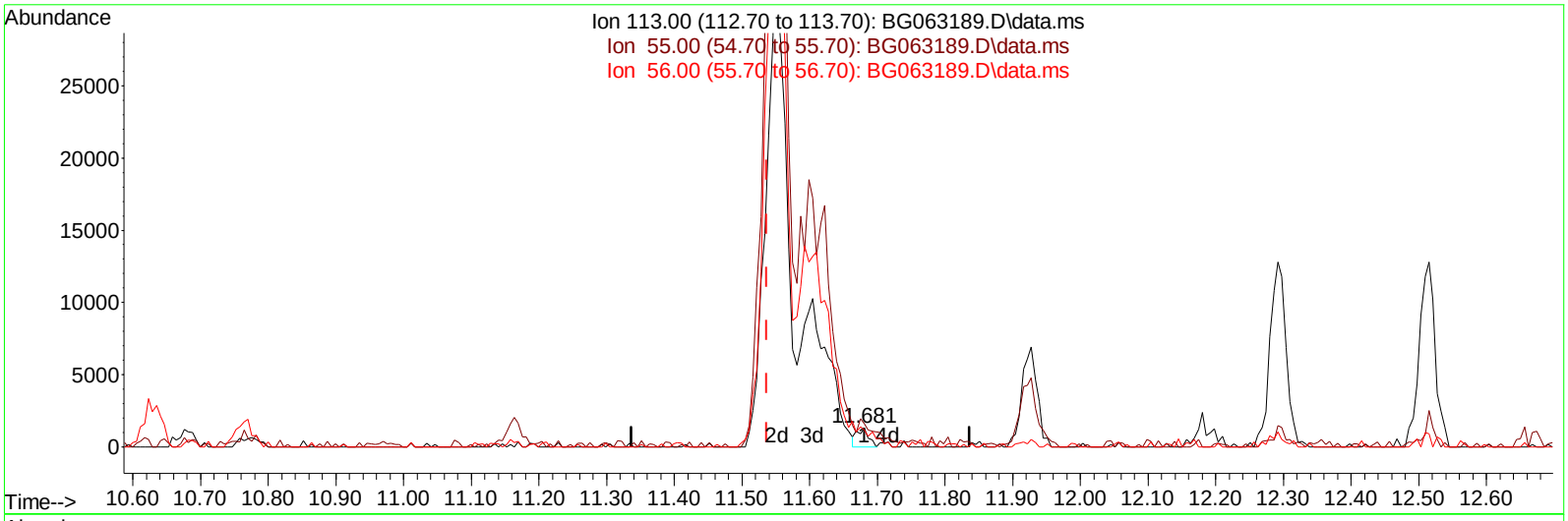
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063189.D
Acq On : 7 Nov 2024 5:01
Operator : RC/JU
Sample : P4634-18MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

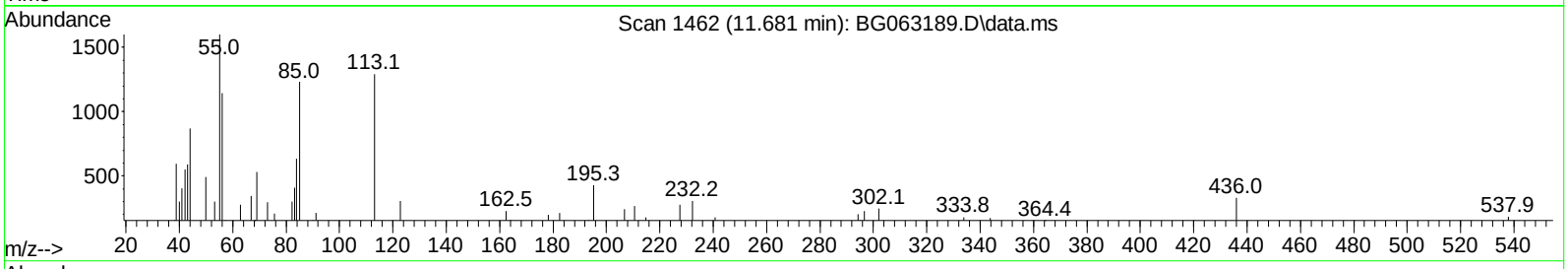
Quant Time: Nov 07 04:39:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

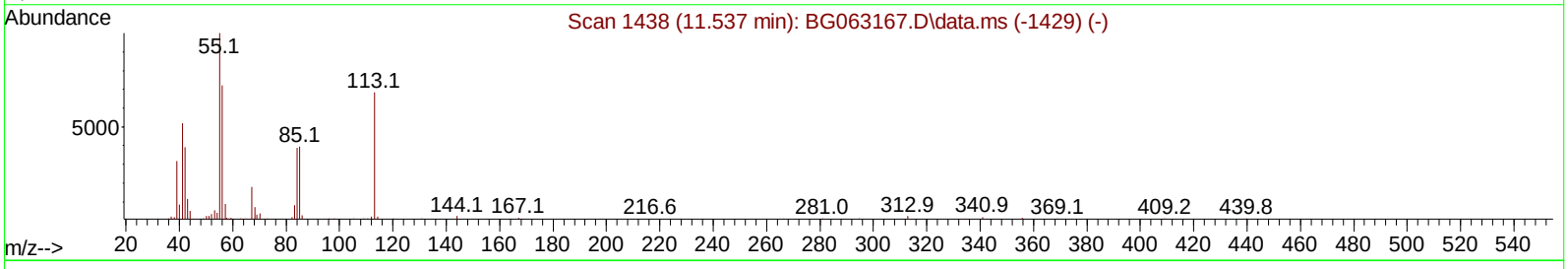
Instrument :
BNA_G
ClientSampleId :
CC0R7MS

Manual IntegrationsAPPROVED

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







TIC: BG063189.D\data.ms

(34) Caprolactam

11.681min (+ 0.144) 0.53 ng/ul

response 1521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	123.74
56.00	105.40	88.63
0.00	0.00	0.00

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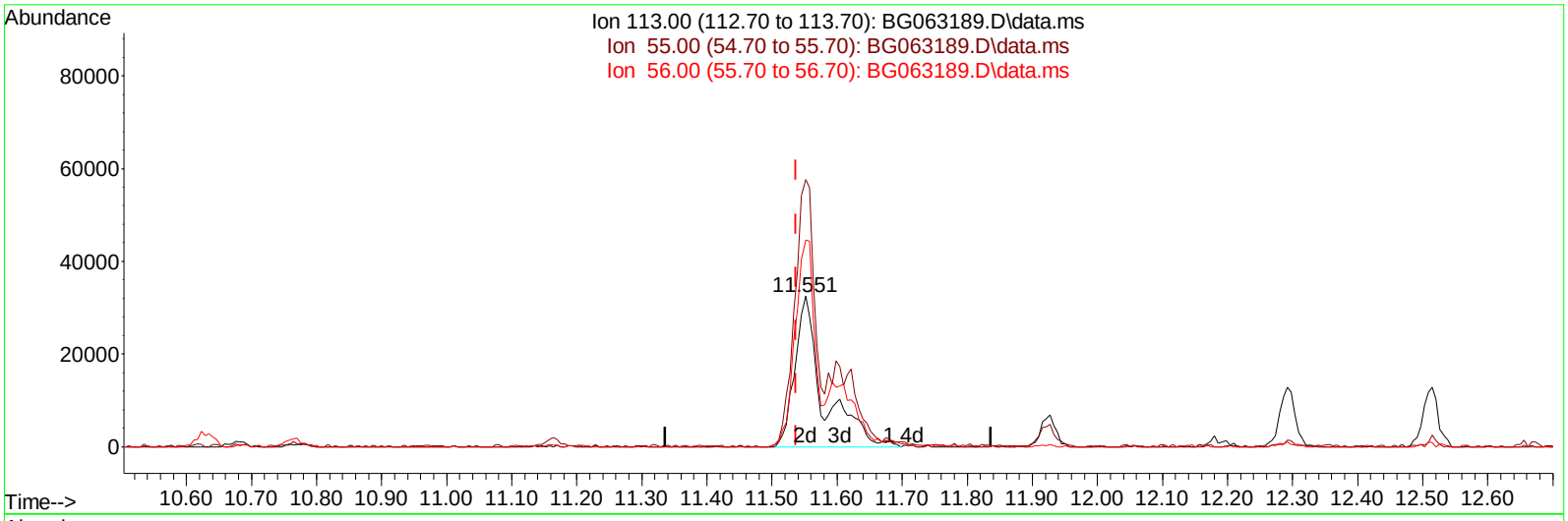

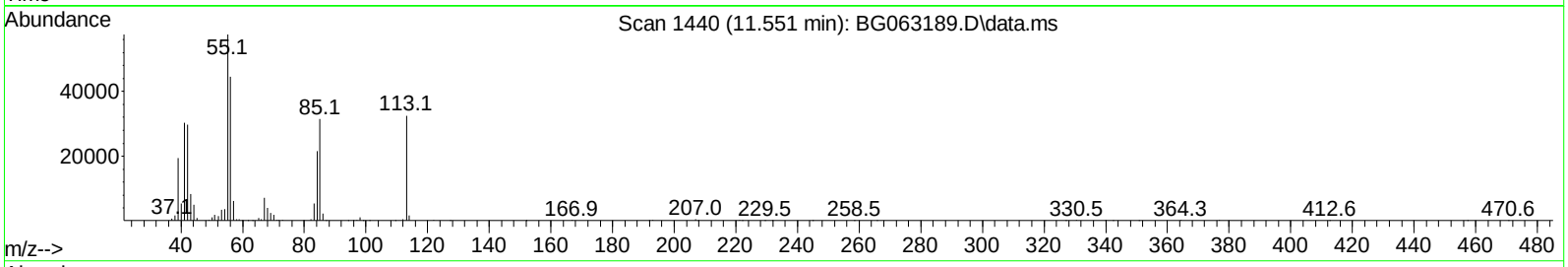

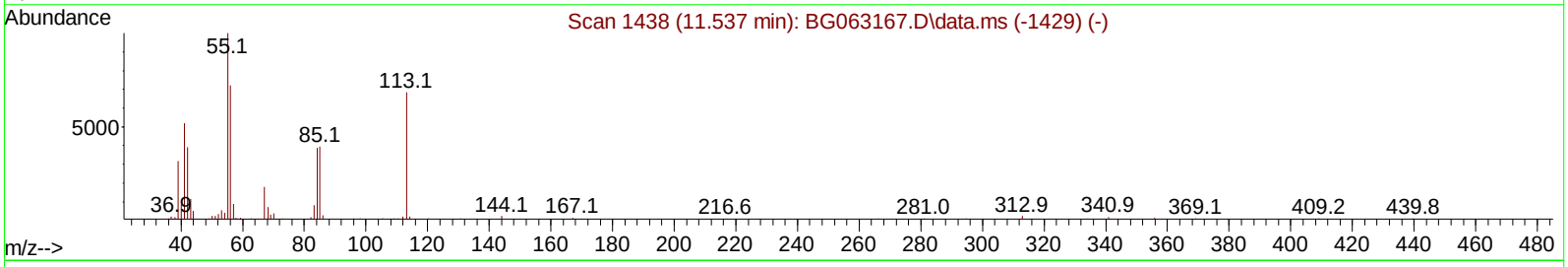

TIC: BG063189.D\data.ms

(34) Caprolactam

11.551min (+ 0.015) 33.92 ng/ul m

response 97541

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	177.27#
56.00	105.40	137.27#
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	7.838	152	84023	20.000	ng/ul	0.00
20) Naphthalene-d8	10.629	136	411586	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.477	164	391494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	975814	20.000	ng/ul	0.00
79) Chrysene-d12	21.481	240	1024168	20.000	ng/ul	0.00
88) Perylene-d12	24.519	264	1092838	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	6915	3.721	ng/uL	0.00
4) Pyridine-d5	3.714	84	40512	6.596	ng/ul	0.00
7) Phenol-d5	7.016	99	233124	30.748	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.174	67	124944	28.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.374	132	156448	31.791	ng/ul	0.00
15) 4-Methylphenol-d8	8.555	113	203427	31.655	ng/ul	0.00
21) Nitrobenzene-d5	8.996	128	85286	29.474	ng/ul	0.00
24) 2-Nitrophenol-d4	9.712	143	113681	30.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	241205	32.865	ng/ul	0.00
31) 4-Chloroaniline-d4	10.764	131	240142	25.121	ng/ul	0.00
46) Dimethylphthalate-d6	13.884	166	849603	27.705	ng/ul	0.00
49) Acenaphthylene-d8	14.172	160	923528	30.769	ng/ul	0.00
54) 4-Nitrophenol-d4	14.695	143	119679	28.504	ng/ul	0.01
60) Fluorene-d10	15.476	176	792494	30.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	180373	29.411	ng/ul	0.00
73) Anthracene-d10	17.327	188	1295756	30.896	ng/ul	0.00
81) Pyrene-d10	19.624	212	1616634	31.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.313	264	1640089	31.084	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	23992	10.488	ng/uL#	71
5) Pyridine	3.731	79	195459	31.191	ng/ul	95
6) Benzaldehyde	6.980	77	26183	6.248	ng/ul#	76
8) Phenol	7.039	94	318985	38.607	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.262	93	198108	35.256	ng/ul	94
12) 2-Chlorophenol	7.409	128	209015	39.706	ng/ul	97
13) 2-Methylphenol	8.285	108	245345	40.652	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.361	45	264440	37.233	ng/ul	97
16) Acetophenone	8.661	105	378834	36.613	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.643	70	220368	36.512	ng/ul#	96
18) 4-Methylphenol	8.614	108	267395	38.963	ng/ul	98
19) Hexachloroethane	8.919	117	80718	37.840	ng/ul	93
22) Nitrobenzene	9.037	77	330626	37.057	ng/ul	95
23) Isophorone	9.560	82	640082	33.992	ng/ul	99
25) 2-Nitrophenol	9.748	139	145246	39.289	ng/ul	93
26) 2,4-Dimethylphenol	9.812	107	320928	39.798	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.041	93	324841	35.784	ng/ul	97
29) 2,4-Dichlorophenol	10.282	162	281769	40.724	ng/ul	94
30) Naphthalene	10.682	128	795692	37.782	ng/ul	98
32) 4-Chloroaniline	10.788	127	184389	20.154	ng/ul	96
33) Hexachlorobutadiene	10.970	225	244086	36.860	ng/ul	99
34) Caprolactam	11.551	113	97541m	33.919	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	334249	40.261	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.292	142	631786	37.851	ng/ul	99
37) 1-Methylnaphthalene	12.515	142	648413	37.357	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.668	216	542285	39.294	ng/ul	99
40) Hexachlorocyclopentadiene	12.644	237	225491	29.923	ng/ul	99
41) 2,4,6-Trichlorophenol	12.909	196	311972	41.878	ng/ul	95
42) 2,4,5-Trichlorophenol	12.985	196	344000	42.584	ng/ul	94
43) 1,1'-Biphenyl	13.308	154	977895	39.407	ng/ul	98
44) 2-Chloronaphthalene	13.349	162	755664	39.115	ng/ul	99
45) 2-Nitroaniline	13.555	65	257340	39.049	ng/ul	94
47) Dimethylphthalate	13.937	163	996001	33.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	215063	38.222	ng/ul	96
50) Acenaphthylene	14.201	152	1150787	38.489	ng/ul	98
51) 3-Nitroaniline	14.383	138	196971	40.105	ng/ul	96
52) Acenaphthene	14.542	153	827649	38.676	ng/ul	97
53) 2,4-Dinitrophenol	14.601	184	132562	35.734	ng/ul	88
55) 4-Nitrophenol	14.707	109	200170	36.682	ng/ul	96
56) Dibenzofuran	14.877	168	1243848	37.970	ng/ul	100
57) 2,4-Dinitrotoluene	14.848	165	325726	36.602	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.112	232	334555	39.989	ng/ul#	98
59) Diethylphthalate	15.306	149	999900	33.168	ng/ul	100
61) Fluorene	15.529	166	1032933	37.256	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.523	204	663190	37.220	ng/ul	100
63) 4-Nitroaniline	15.553	138	215435	43.340	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.617	198	250590	39.373	ng/ul	100
67) N-Nitrosodiphenylamine	15.741	169	878064	40.336	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	456070	40.883	ng/ul	97
69) Hexachlorobenzene	16.540	284	481650	40.528	ng/ul	97
70) Atrazine	16.692	200	426834	35.842	ng/ul	95
71) Pentachlorophenol	16.886	266	228201	38.302	ng/ul	95
72) Phenanthrene	17.274	178	1760281	39.482	ng/ul	100
74) Anthracene	17.362	178	1754595	38.416	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.273	216	549657	43.559	ng/ul	94
76) Pentachlorobenzene	14.801	250	560962	41.687	ng/ul	97
77) Carbazole	17.633	167	1470309	38.774	ng/ul	98
78) Di-n-butylphthalate	18.197	149	1620985	37.581	ng/ul	100
80) Fluoranthene	19.289	202	2202241	39.678	ng/ul	99
82) Pyrene	19.654	202	2311776	39.295	ng/ul	99
83) Butylbenzylphthalate	20.553	149	731126	42.523	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.387	252	833548	37.850	ng/ul	98
85) Benzo(a)anthracene	21.463	228	2524068	38.962	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.381	149	1057432	42.223	ng/ul	98
87) Chrysene	21.528	228	2352337	38.947	ng/ul	98
89) Di-n-octyl phthalate	22.527	149	1816803	42.187	ng/ul	100
90) Benzo(b)fluoranthene	23.561	252	2519159	38.313	ng/ul	98
91) Benzo(k)fluoranthene	23.625	252	2538544	38.761	ng/ul	100
93) Benzo(a)pyrene	24.378	252	2356568	38.746	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.950	276	2938999	39.395	ng/ul	96
95) Dibenzo(a,h)anthracene	28.003	278	2418929	39.770	ng/ul	99
96) Benzo(g,h,i)perylene	29.019	276	2233260	39.482	ng/ul	98

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

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