Quantitation Report (Qedit)

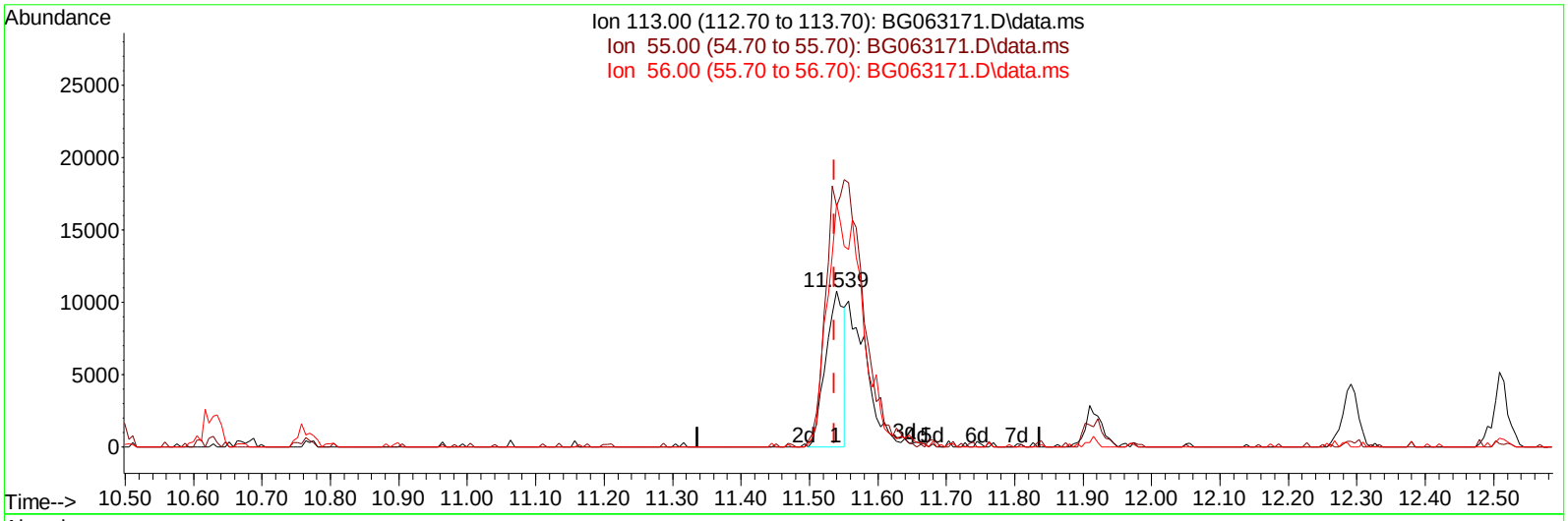
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063171.D
Acq On : 6 Nov 2024 16:54
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

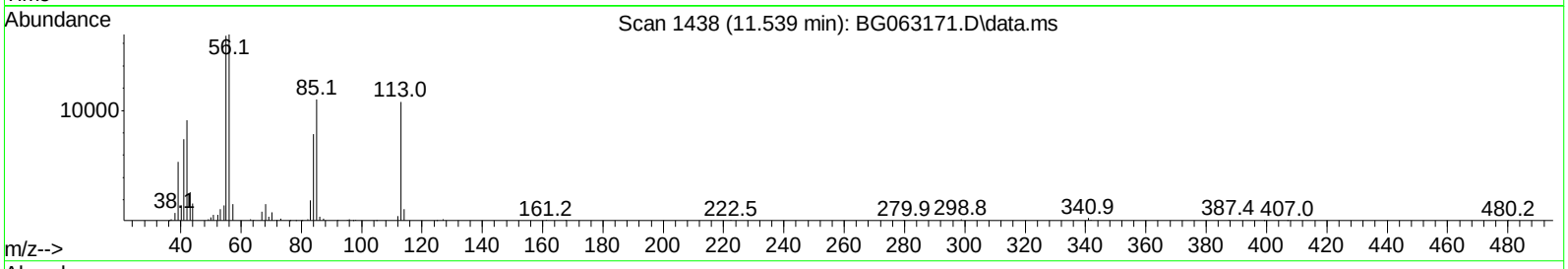
Quant Time: Nov 06 16:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

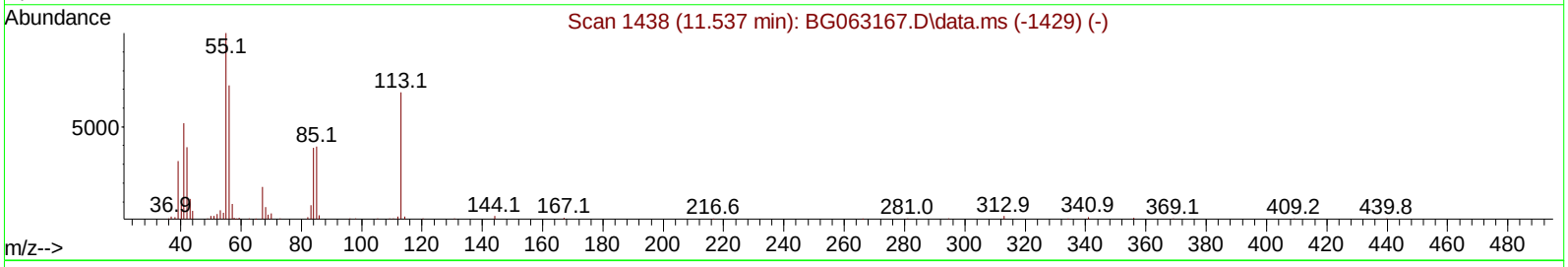
Instrument :
BNA_G
ClientSampleId :
SICV416

Manual IntegrationsAPPROVED

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







TIC: BG063171.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 9.80 ng/ul

response 20314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	154.73
56.00	105.40	155.99#
0.00	0.00	0.00

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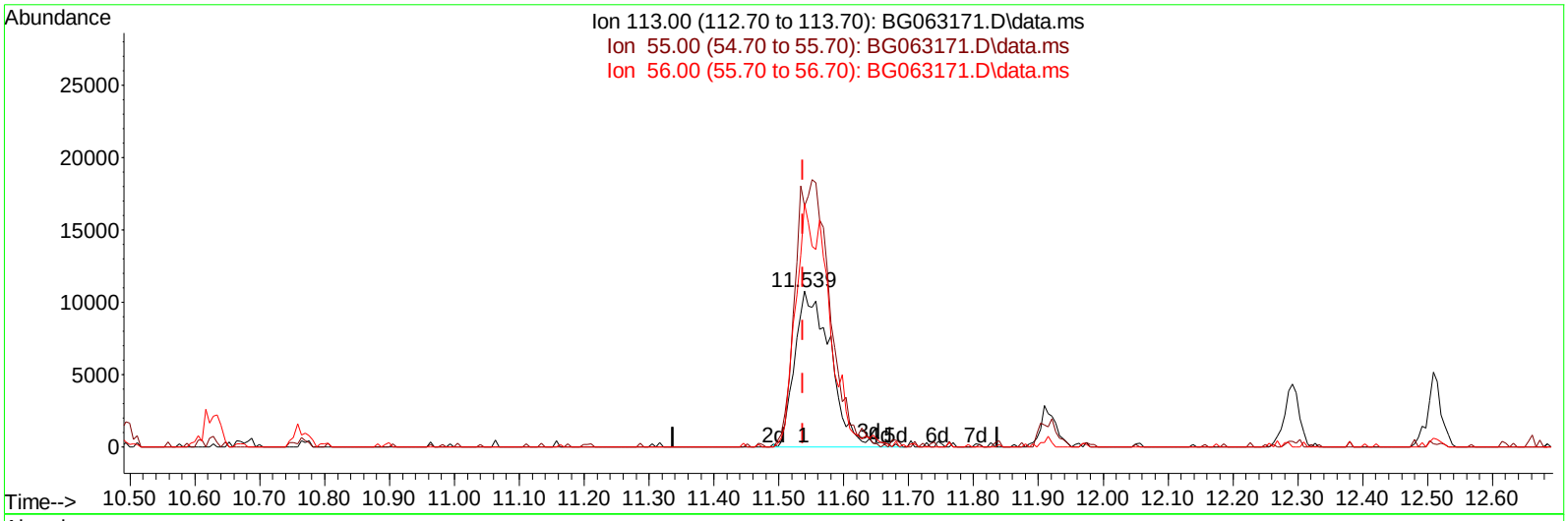

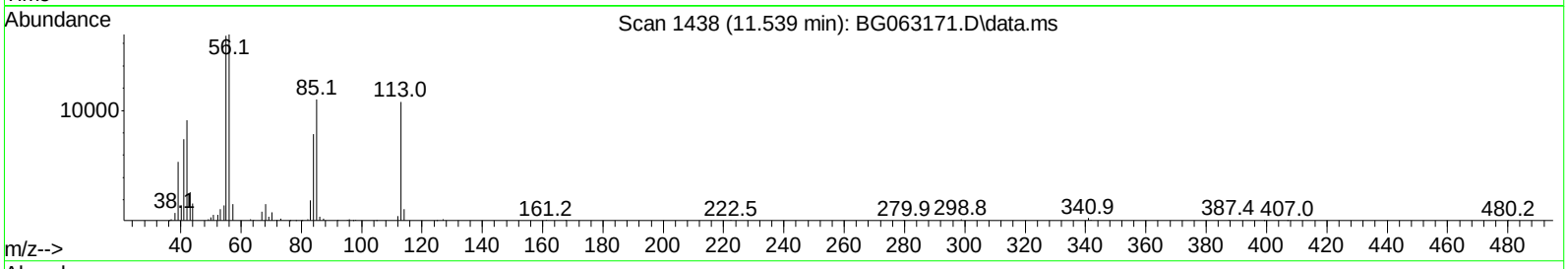

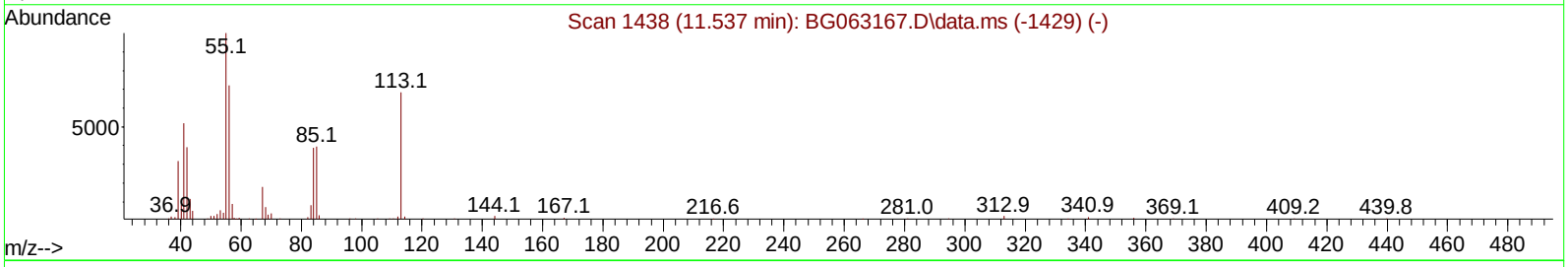

TIC: BG063171.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 19.81 ng/ul m

response 41074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	154.73
56.00	105.40	155.99#
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	64546	20.000	ng/ul	0.00
20) Naphthalene-d8	10.629	136	296709	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.477	164	286435	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	800539	20.000	ng/ul	0.00
79) Chrysene-d12	21.481	240	908289	20.000	ng/ul	0.00
88) Perylene-d12	24.518	264	988286	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	9189	6.437	ng/uL	0.00
4) Pyridine-d5	3.707	84	86694	18.375	ng/ul	0.00
7) Phenol-d5	7.009	99	107017	18.374	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	74148	21.704	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	75528	19.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	93302	18.900	ng/ul	0.00
21) Nitrobenzene-d5	8.989	128	40899	19.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	51744	19.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.253	165	105807	19.998	ng/ul	0.00
31) 4-Chloroaniline-d4	10.764	131	132995	19.299	ng/ul	0.00
46) Dimethylphthalate-d6	13.884	166	442582	19.726	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	446878	20.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	63808	20.771	ng/ul	0.00
60) Fluorene-d10	15.470	176	379610	20.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	96972	19.274	ng/ul	0.00
73) Anthracene-d10	17.327	188	682241	19.829	ng/ul	0.00
81) Pyrene-d10	19.624	212	927176	20.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	929000	19.469	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	10481	5.964	ng/uL#	80
5) Pyridine	3.725	79	76483	15.888	ng/ul	91
6) Benzaldehyde	6.974	77	59634	18.526	ng/ul	95
8) Phenol	7.033	94	114352	18.016	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.262	93	83710	19.392	ng/ul	88
12) 2-Chlorophenol	7.403	128	76771	18.985	ng/ul	96
13) 2-Methylphenol	8.278	108	87491	18.871	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.355	45	102499	18.786	ng/ul	98
16) Acetophenone	8.654	105	154493	19.437	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.637	70	92073	19.859	ng/ul	94
18) 4-Methylphenol	8.607	108	97414	18.478	ng/ul	96
19) Hexachloroethane	8.913	117	31027	18.934	ng/ul	85
22) Nitrobenzene	9.030	77	122388	19.028	ng/ul#	93
23) Isophorone	9.553	82	260273	19.173	ng/ul	99
25) 2-Nitrophenol	9.747	139	52103	19.550	ng/ul	97
26) 2,4-Dimethylphenol	9.806	107	99114	17.050	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.041	93	122371	18.699	ng/ul#	93
29) 2,4-Dichlorophenol	10.276	162	99261	19.901	ng/ul	97
30) Naphthalene	10.676	128	285433	18.801	ng/ul	98
32) 4-Chloroaniline	10.787	127	131938	20.004	ng/ul	93
33) Hexachlorobutadiene	10.969	225	90914	19.045	ng/ul	94
34) Caprolactam	11.539	113	41074m	19.813	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	116413	19.451	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.291	142	235288	19.554	ng/ul	98
37) 1-Methylnaphthalene	12.515	142	227480	18.180	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.661	216	196407	19.451	ng/ul	93
40) Hexachlorocyclopentadiene	12.644	237	85443	15.497	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.902	196	114447	20.998	ng/ul#	96
42) 2,4,5-Trichlorophenol	12.979	196	125262	21.194	ng/ul	95
43) 1,1'-Biphenyl	13.308	154	359628	19.808	ng/ul	99
44) 2-Chloronaphthalene	13.349	162	273224	19.330	ng/ul	95
45) 2-Nitroaniline	13.549	65	97064	20.131	ng/ul	84
47) Dimethylphthalate	13.931	163	411551	19.130	ng/ul#	99
48) 2,6-Dinitrotoluene	14.048	165	86328	20.970	ng/ul	91
50) Acenaphthylene	14.195	152	440210	20.123	ng/ul#	96
51) 3-Nitroaniline	14.383	138	82068	22.839	ng/ul	92
52) Acenaphthene	14.542	153	309400	19.761	ng/ul	97
53) 2,4-Dinitrophenol	14.594	184	50149	18.477	ng/ul	92
55) 4-Nitrophenol	14.700	109	82427	20.645	ng/ul	91
56) Dibenzofuran	14.877	168	477925	19.940	ng/ul	96
57) 2,4-Dinitrotoluene	14.841	165	128396	19.720	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.106	232	135446	22.128	ng/ul#	98
59) Diethylphthalate	15.300	149	431825	19.578	ng/ul	97
61) Fluorene	15.529	166	400303	19.734	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.523	204	255958	19.634	ng/ul	96
63) 4-Nitroaniline	15.546	138	86337	23.739	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.611	198	101439	19.428	ng/ul	92
67) N-Nitrosodiphenylamine	15.734	169	354857	19.870	ng/ul	97
68) 4-Bromophenyl-phenylether	16.416	248	180157	19.685	ng/ul	94
69) Hexachlorobenzene	16.539	284	186529	19.132	ng/ul	98
70) Atrazine	16.686	200	186866	19.127	ng/ul	97
71) Pentachlorophenol	16.886	266	83936	17.173	ng/ul	93
72) Phenanthrene	17.268	178	719425	19.669	ng/ul	98
74) Anthracene	17.362	178	749705	20.009	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.273	216	194106	18.750	ng/ul	99
76) Pentachlorobenzene	14.800	250	219836	19.914	ng/ul	94
77) Carbazole	17.632	167	647745	20.822	ng/ul	99
78) Di-n-butylphthalate	18.196	149	686634	19.404	ng/ul	98
80) Fluoranthene	19.289	202	996454	20.243	ng/ul	99
82) Pyrene	19.653	202	1051997	20.163	ng/ul	99
83) Butylbenzylphthalate	20.552	149	308990	20.264	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.387	252	432908	22.165	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1132933	19.719	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.381	149	445330	20.050	ng/ul	94
87) Chrysene	21.528	228	1061549	19.818	ng/ul	99
89) Di-n-octyl phthalate	22.526	149	780209	20.033	ng/ul	100
90) Benzo(b)fluoranthene	23.560	252	1164952	19.592	ng/ul	99
91) Benzo(k)fluoranthene	23.619	252	1121344	18.933	ng/ul	100
93) Benzo(a)pyrene	24.371	252	1093331	19.878	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.938	276	1308344	19.392	ng/ul	93
95) Dibenzo(a,h)anthracene	27.985	278	1081643	19.665	ng/ul	95
96) Benzo(g,h,i)perylene	28.989	276	971388	18.990	ng/ul	99

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

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