Quantitation Report (Qedit)

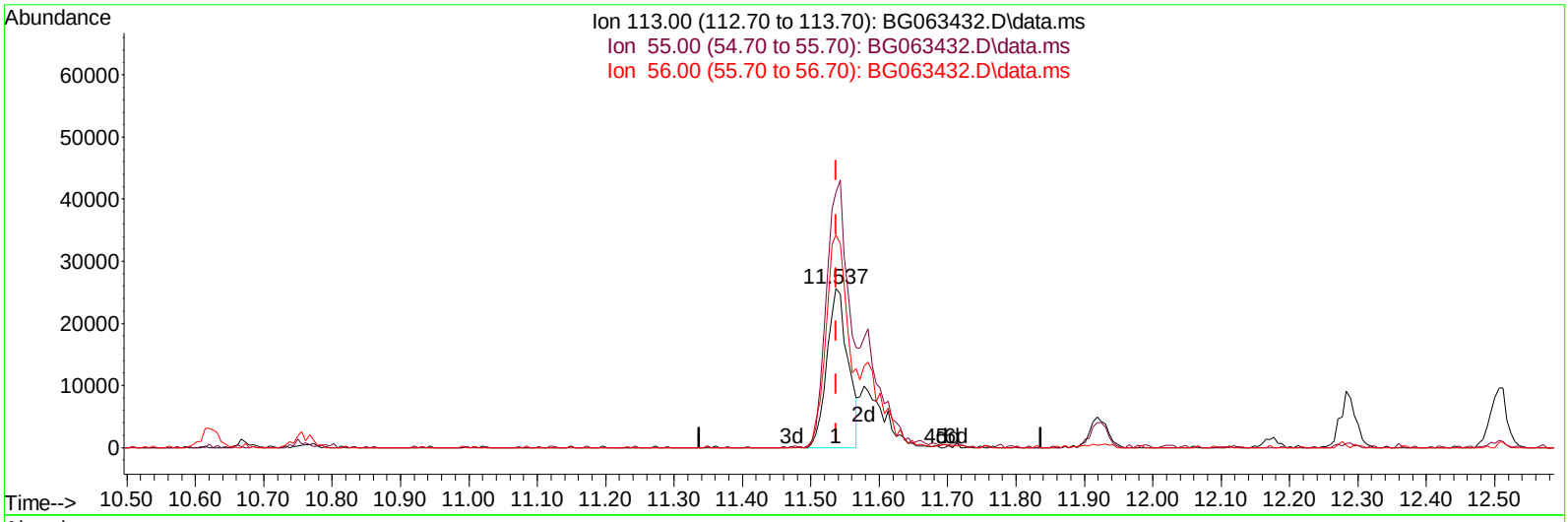
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063432.D
Acq On : 15 Nov 2024 18:54
Operator : RC/JU
Sample : PB164931BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

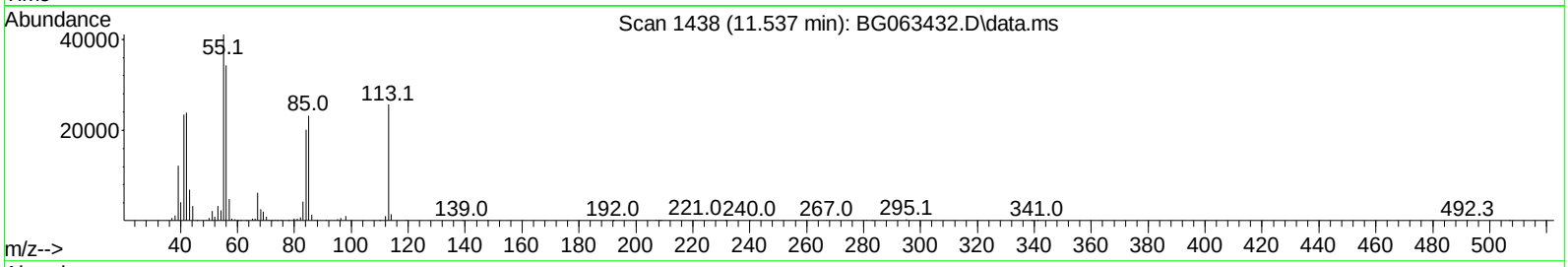
Quant Time: Nov 16 00:39:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

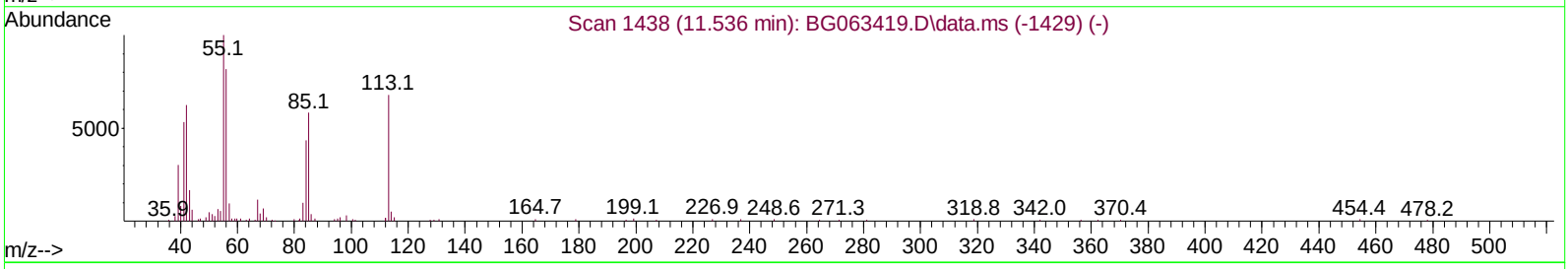
Instrument :
BNA_G
ClientSampleId :
SLCS931

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063432.D\data.ms

(34) Caprolactam

11.537min (+ 0.000) 19.90 ng/ul

response 54562

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	160.27
56.00	105.40	133.71#
0.00	0.00	0.00

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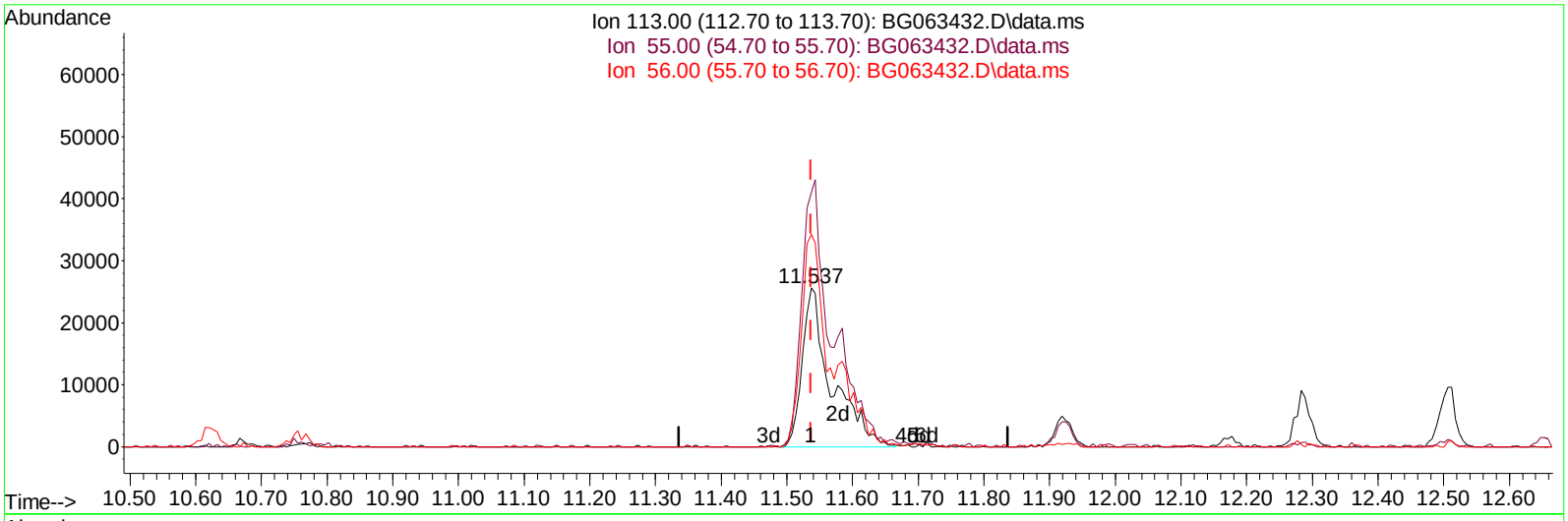

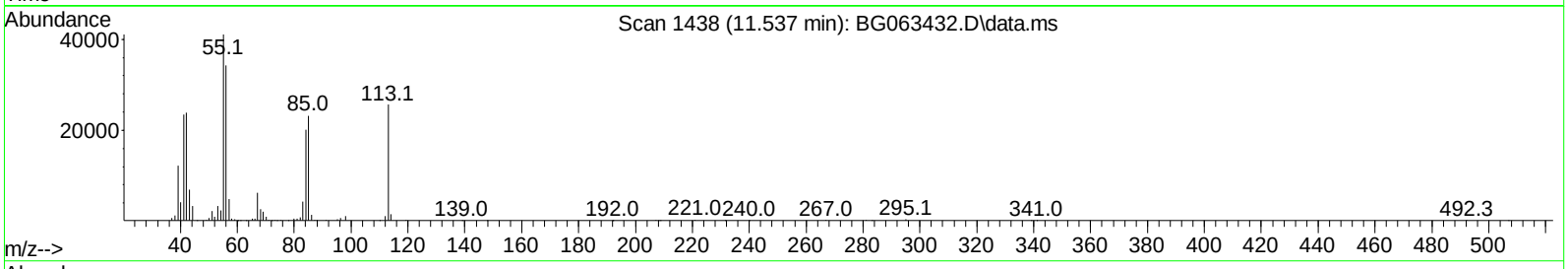

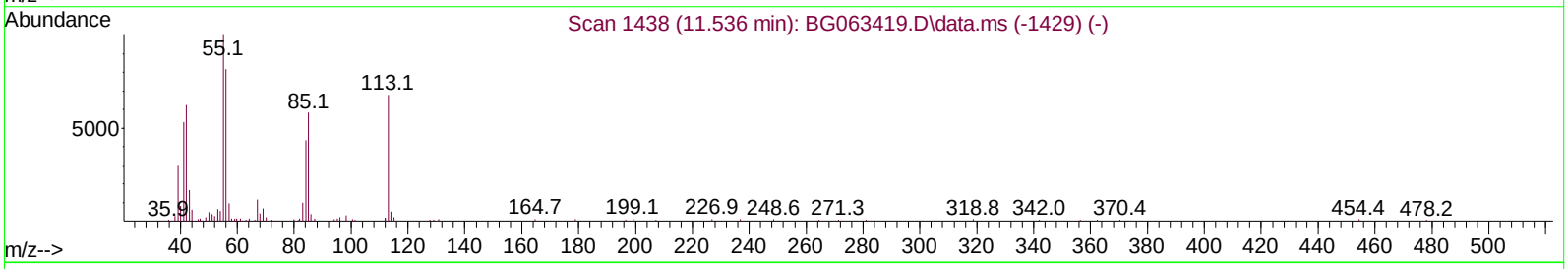

TIC: BG063432.D\data.ms

(34) Caprolactam

11.537min (+ 0.000) 28.79 ng/ul m

response 78934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	160.27
56.00	105.40	133.71#
0.00	0.00	0.00

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Misc :
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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	7.835	152	87925	20.000	ng/ul		0.00
20) Naphthalene-d8	10.620	136	392428	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.469	164	308369	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.224	188	778938	20.000	ng/ul		0.00
79) Chrysene-d12	21.478	240	816034	20.000	ng/ul	#	0.00
88) Perylene-d12	24.516	264	863132	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.299	96	15481	7.961	ng/uL		0.00
4) Pyridine-d5	3.705	84	227165	35.346	ng/ul		0.00
7) Phenol-d5	7.013	99	286120	36.063	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	164515	35.351	ng/ul		0.00
11) 2-Chlorophenol-d4	7.371	132	203409	39.499	ng/ul		0.00
15) 4-Methylphenol-d8	8.546	113	239079	35.552	ng/ul		0.00
21) Nitrobenzene-d5	8.987	128	108573	39.354	ng/ul		0.00
24) 2-Nitrophenol-d4	9.710	143	128207	35.955	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.250	165	256706	36.685	ng/ul		0.00
31) 4-Chloroaniline-d4	10.755	131	280410	30.766	ng/ul		0.00
46) Dimethylphthalate-d6	13.881	166	807298	33.422	ng/ul		0.00
49) Acenaphthylene-d8	14.163	160	906146	38.328	ng/ul		0.00
54) 4-Nitrophenol-d4	14.692	143	123286	37.278	ng/ul		0.01
60) Fluorene-d10	15.467	176	749547	36.768	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	178662	36.496	ng/ul		0.00
73) Anthracene-d10	17.324	188	1250798	37.362	ng/ul		0.00
81) Pyrene-d10	19.621	212	1638676	40.052	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.310	264	1582963	37.985	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	31104	12.993	ng/uL	#	87
5) Pyridine	3.728	79	229668	35.024	ng/ul		99
6) Benzaldehyde	6.972	77	113049	25.781	ng/ul		98
8) Phenol	7.036	94	297943	34.460	ng/ul		91
10) Bis(2-Chloroethyl)ether	7.254	93	195034	33.168	ng/ul		95
12) 2-Chlorophenol	7.400	128	200348	36.371	ng/ul		97
13) 2-Methylphenol	8.282	108	223237	35.348	ng/ul		89
14) 2,2'-oxybis(1-Chloropr...	8.352	45	280770	37.778	ng/ul		98
16) Acetophenone	8.652	105	355218	32.807	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.640	70	203104	32.158	ng/ul		97
18) 4-Methylphenol	8.611	108	251347	35.000	ng/ul		96
19) Hexachloroethane	8.905	117	82367	36.899	ng/ul		84
22) Nitrobenzene	9.028	77	300000	35.266	ng/ul		95
23) Isophorone	9.551	82	552441	30.770	ng/ul		98
25) 2-Nitrophenol	9.739	139	126320	35.837	ng/ul		93
26) 2,4-Dimethylphenol	9.804	107	221487	28.808	ng/ul		92
27) Bis(2-Chloroethoxy)met...	10.033	93	296901	34.303	ng/ul		97
29) 2,4-Dichlorophenol	10.279	162	237652	36.025	ng/ul		94
30) Naphthalene	10.673	128	693892	34.557	ng/ul		99
32) 4-Chloroaniline	10.785	127	204668	23.462	ng/ul		99
33) Hexachlorobutadiene	10.961	225	201894	31.977	ng/ul		96
34) Caprolactam	11.537	113	78934m	28.789	ng/ul		
35) 4-Chloro-3-methylphenol	11.919	107	262829	33.204	ng/ul		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	520478	32.704	ng/ul	97
37) 1-Methylnaphthalene	12.506	142	513049	31.001	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.659	216	390535	35.926	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	148028	24.938	ng/ul	95
41) 2,4,6-Trichlorophenol	12.900	196	212167	36.158	ng/ul	94
42) 2,4,5-Trichlorophenol	12.982	196	232452	36.532	ng/ul	96
43) 1,1'-Biphenyl	13.299	154	734248	37.564	ng/ul	95
44) 2-Chloronaphthalene	13.341	162	577622	37.958	ng/ul	99
45) 2-Nitroaniline	13.552	65	195784	37.717	ng/ul	95
47) Dimethylphthalate	13.928	163	762801	32.936	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	164393	37.092	ng/ul	99
50) Acenaphthylene	14.192	152	900989	38.257	ng/ul#	97
51) 3-Nitroaniline	14.381	138	152402	39.395	ng/ul	95
52) Acenaphthene	14.539	153	638735	37.894	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	89157	30.512	ng/ul	97
55) 4-Nitrophenol	14.704	109	139119	32.366	ng/ul	92
56) Dibenzofuran	14.874	168	930553	36.064	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	245187	34.979	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.103	232	204963	31.103	ng/ul#	96
59) Diethylphthalate	15.297	149	759689	31.993	ng/ul	99
61) Fluorene	15.526	166	777637	35.609	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	472210	33.645	ng/ul	94
63) 4-Nitroaniline	15.544	138	169041	43.173	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.614	198	185430	36.499	ng/ul	97
67) N-Nitrosodiphenylamine	15.732	169	668388	38.464	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	332054	37.289	ng/ul	97
69) Hexachlorobenzene	16.531	284	341521	36.001	ng/ul	96
70) Atrazine	16.684	200	145528	15.309	ng/ul	97
71) Pentachlorophenol	16.883	266	134616	28.305	ng/ul	97
72) Phenanthrene	17.265	178	1357857	38.153	ng/ul	98
74) Anthracene	17.359	178	1360256	37.310	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	395836	39.298	ng/ul	94
76) Pentachlorobenzene	14.798	250	387510	36.076	ng/ul	95
77) Carbazole	17.630	167	1174934	38.816	ng/ul	98
78) Di-n-butylphthalate	18.194	149	1347761	39.144	ng/ul	98
80) Fluoranthene	19.287	202	1758072	39.754	ng/ul#	96
82) Pyrene	19.651	202	1839003	39.232	ng/ul#	94
83) Butylbenzylphthalate	20.550	149	588925	42.989	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.384	252	676519	38.555	ng/ul	97
85) Benzo(a)anthracene	21.460	228	1964001	38.049	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	857085	42.952	ng/ul	98
87) Chrysene	21.525	228	1809228	37.595	ng/ul	97
89) Di-n-octyl phthalate	22.524	149	1489871	43.802	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1953156	37.610	ng/ul#	98
91) Benzo(k)fluoranthene	23.617	252	1950477	37.707	ng/ul#	99
93) Benzo(a)pyrene	24.375	252	1749549	36.421	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.947	276	2190664	37.179	ng/ul	98
95) Dibenzo(a,h)anthracene	28.000	278	1815378	37.790	ng/ul#	95
96) Benzo(g,h,i)perylene	29.016	276	1709406	38.264	ng/ul	98

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

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