Quantitation Report (Qedit)

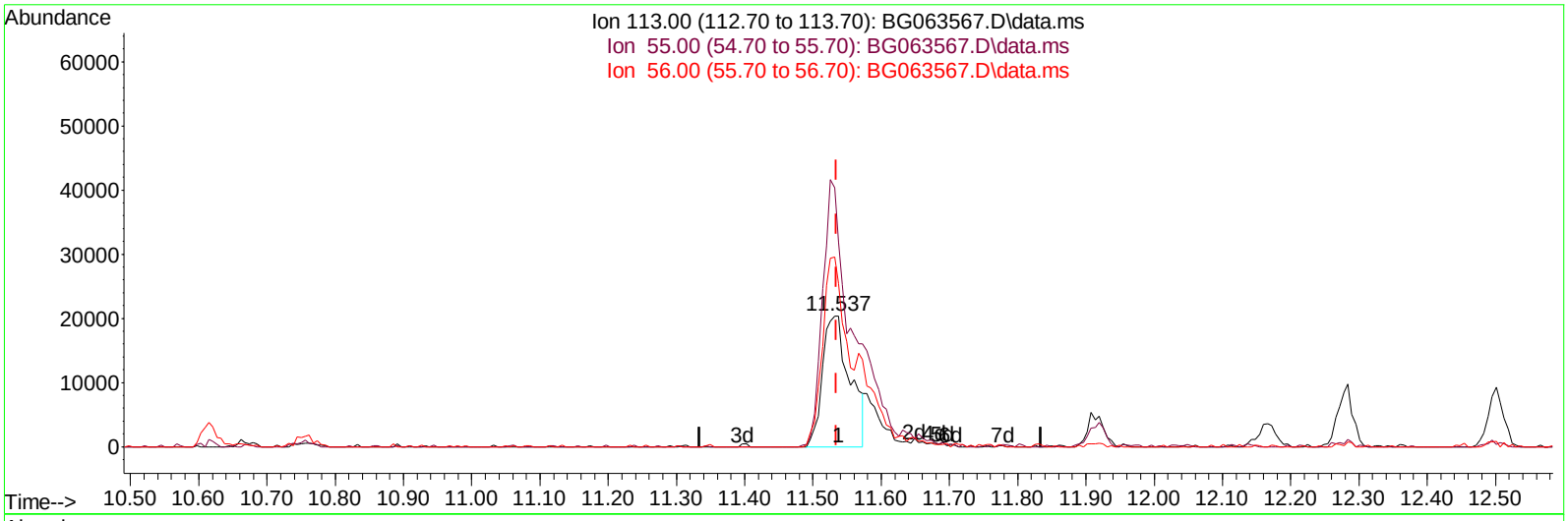
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
Data File : BG063567.D
Acq On : 26 Nov 2024 18:12
Operator : RC/JU
Sample : PB165258BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

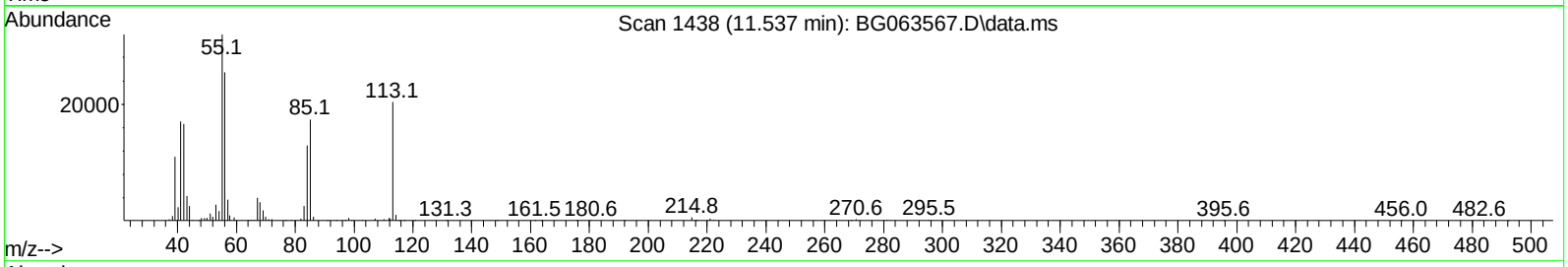
Quant Time: Nov 27 00:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

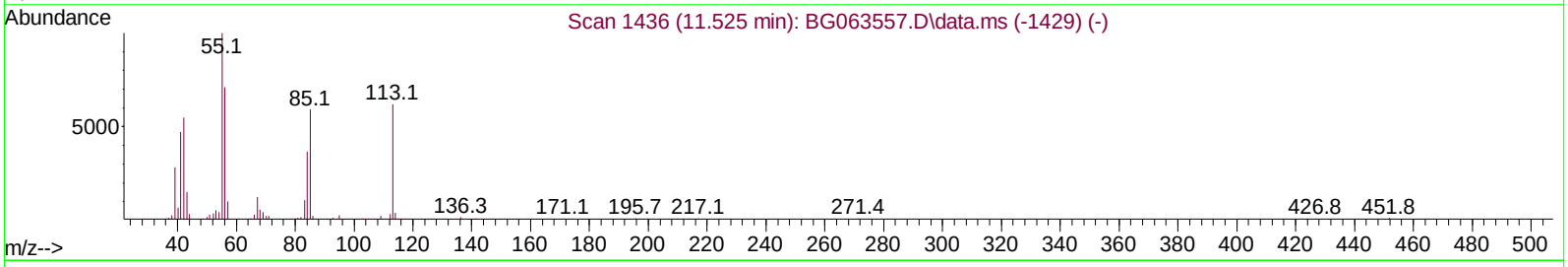
Instrument :
BNA_G
ClientSampleId :
SLCS258

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063567.D\data.ms

(34) Caprolactam

11.537min (+ 0.003) 22.41 ng/ul

response 57157

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	156.82
56.00	137.20	125.03
0.00	0.00	0.00

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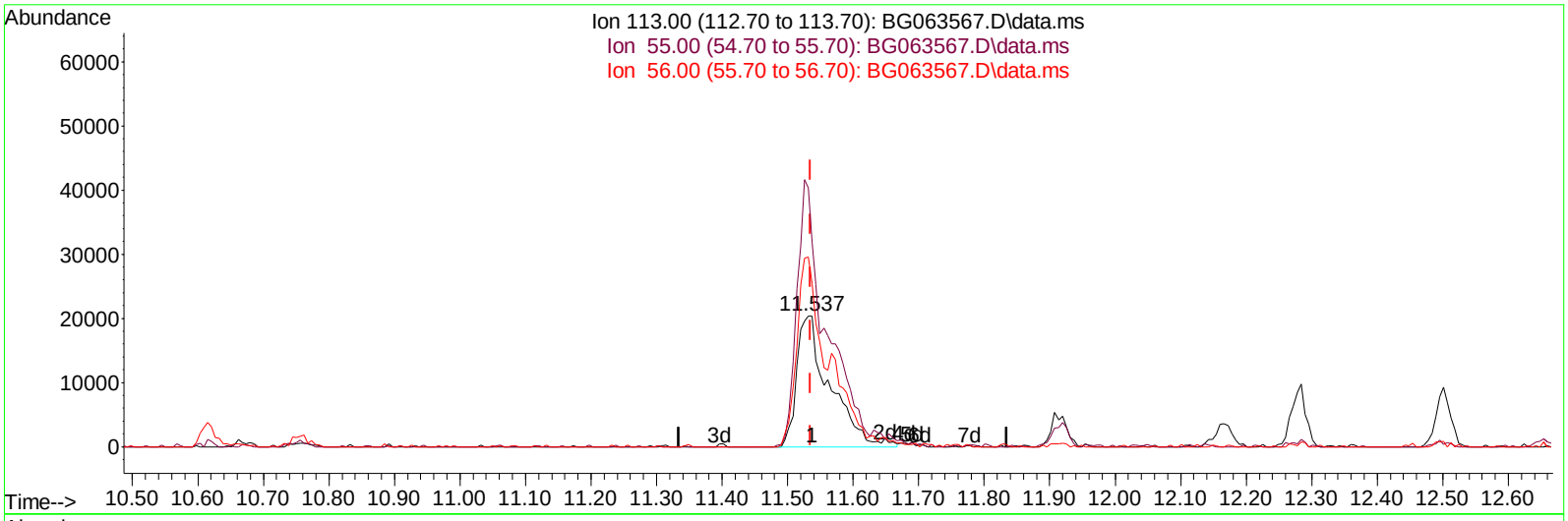

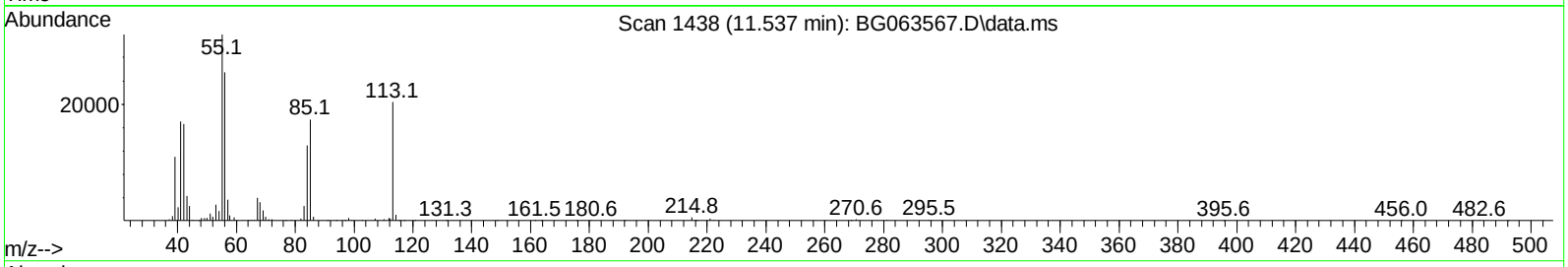

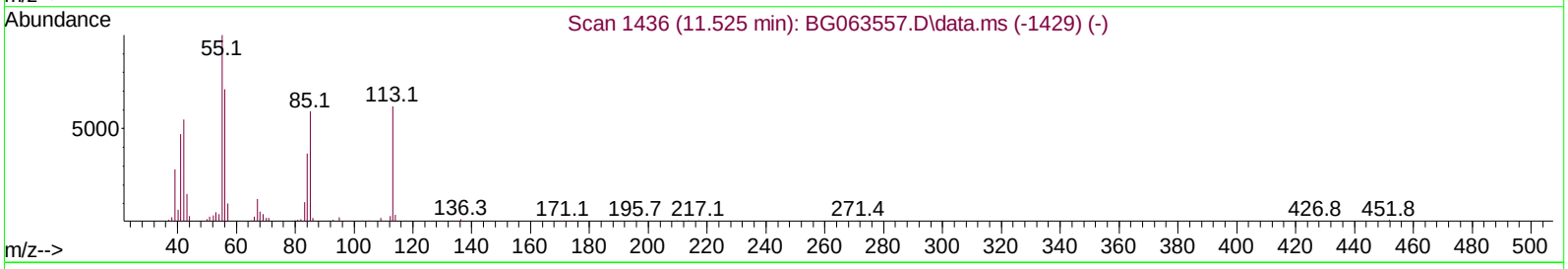

TIC: BG063567.D\data.ms

(34) Caprolactam

11.537min (+ 0.003) 28.12 ng/ul m

response 71734

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	156.82
56.00	137.20	125.03
0.00	0.00	0.00

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Misc :
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Response via : Initial Calibration

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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	7.830	152	106700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.615	136	457501	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	352174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.219	188	862643	20.000	ng/ul	0.00
79) Chrysene-d12	21.479	240	942011	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	996593	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	15641	5.786	ng/uL	0.00
4) Pyridine-d5	3.700	84	231466	27.316	ng/ul	0.00
7) Phenol-d5	7.007	99	281360	32.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	171385	30.450	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	189224	30.426	ng/ul	0.00
15) 4-Methylphenol-d8	8.541	113	224158	30.568	ng/ul	0.00
21) Nitrobenzene-d5	8.982	128	100795	30.679	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	121617	29.965	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	232950	30.070	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	247117	25.220	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	746027	31.205	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	855529	31.380	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	110817	31.196	ng/ul	0.00
60) Fluorene-d10	15.462	176	683892	31.482	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	160714	33.138	ng/ul	0.00
73) Anthracene-d10	17.319	188	1175031	31.353	ng/ul	0.00
81) Pyrene-d10	19.622	212	1502829	31.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	1541197	31.883	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	36267	11.362	ng/uL#	91
5) Pyridine	3.723	79	209665	24.317	ng/ul	98
6) Benzaldehyde	6.972	77	51133	10.180	ng/ul	90
8) Phenol	7.031	94	284562	29.738	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.254	93	201635	29.193	ng/ul	94
12) 2-Chlorophenol	7.395	128	196166	29.551	ng/ul	94
13) 2-Methylphenol	8.277	108	217614	30.565	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.347	45	311006	30.738	ng/ul	97
16) Acetophenone	8.647	105	341382	29.470	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.629	70	193110	29.830	ng/ul	95
18) 4-Methylphenol	8.600	108	232609	29.787	ng/ul	93
19) Hexachloroethane	8.899	117	84223	29.378	ng/ul	94
22) Nitrobenzene	9.029	77	288465	28.620	ng/ul	95
23) Isophorone	9.546	82	514302	27.944	ng/ul	99
25) 2-Nitrophenol	9.734	139	123252	30.608	ng/ul	94
26) 2,4-Dimethylphenol	9.798	107	249227	28.712	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.027	93	287268	28.196	ng/ul	98
29) 2,4-Dichlorophenol	10.274	162	219781	29.038	ng/ul	93
30) Naphthalene	10.668	128	686049	29.335	ng/ul	97
32) 4-Chloroaniline	10.779	127	122612	13.095	ng/ul	98
33) Hexachlorobutadiene	10.956	225	189625	28.088	ng/ul	91
34) Caprolactam	11.537	113	71734m	28.121	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	236440	30.694	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.284	142	490576	29.553	ng/ul	97
37) 1-Methylnaphthalene	12.501	142	479810	27.528	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.654	216	338555	27.356	ng/ul	95
40) Hexachlorocyclopentadiene	12.630	237	138354	26.210	ng/ul	98
41) 2,4,6-Trichlorophenol	12.901	196	181324	26.702	ng/ul	97
42) 2,4,5-Trichlorophenol	12.977	196	210892	30.093	ng/ul	100
43) 1,1'-Biphenyl	13.294	154	681938	29.177	ng/ul	96
44) 2-Chloronaphthalene	13.341	162	537215	29.252	ng/ul	95
45) 2-Nitroaniline	13.547	65	181426	31.343	ng/ul	97
47) Dimethylphthalate	13.923	163	692727	29.739	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	143512	30.369	ng/ul	88
50) Acenaphthylene	14.187	152	821809	29.985	ng/ul	97
51) 3-Nitroaniline	14.375	138	123546	28.545	ng/ul	97
52) Acenaphthene	14.534	153	597034	30.160	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	72830	30.017	ng/ul	94
55) 4-Nitrophenol	14.704	109	111815	27.085	ng/ul#	78
56) Dibenzofuran	14.869	168	851960	29.998	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	223773	30.945	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	175022	26.281	ng/ul#	94
59) Diethylphthalate	15.292	149	706988	30.048	ng/ul	99
61) Fluorene	15.521	166	706561	29.226	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	418231	28.991	ng/ul	97
63) 4-Nitroaniline	15.544	138	149564	33.754	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.609	198	161731	31.209	ng/ul	99
67) N-Nitrosodiphenylamine	15.727	169	607784	29.676	ng/ul	98
68) 4-Bromophenyl-phenylether	16.408	248	286722	29.664	ng/ul	97
69) Hexachlorobenzene	16.532	284	295098	29.120	ng/ul	94
70) Atrazine	16.684	200	6781	0.685	ng/ul	93
71) Pentachlorophenol	16.878	266	111693	23.569	ng/ul	95
72) Phenanthrene	17.260	178	1220289	29.675	ng/ul	97
74) Anthracene	17.354	178	1257575	29.948	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.265	216	347573	27.691	ng/ul	91
76) Pentachlorobenzene	14.792	250	349440	28.192	ng/ul	97
77) Carbazole	17.624	167	1083391	31.096	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1248898	31.269	ng/ul	99
80) Fluoranthene	19.287	202	1593900	30.528	ng/ul	100
82) Pyrene	19.651	202	1685950	30.134	ng/ul	98
83) Butylbenzylphthalate	20.544	149	572996	31.559	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.379	252	414737	20.495	ng/ul	99
85) Benzo(a)anthracene	21.461	228	1809447	29.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	837458	31.734	ng/ul	98
87) Chrysene	21.520	228	1705517	29.945	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1464500	33.120	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	1888432	31.561	ng/ul#	98
91) Benzo(k)fluoranthene	23.617	252	1798468	29.954	ng/ul	98
93) Benzo(a)pyrene	24.375	252	1696695	30.298	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.948	276	2099821	30.231	ng/ul	100
95) Dibenzo(a,h)anthracene	27.989	278	1738854	30.621	ng/ul	100
96) Benzo(g,h,i)perylene	29.011	276	1578700	29.975	ng/ul	99

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

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