Quantitation Report (Qedit)

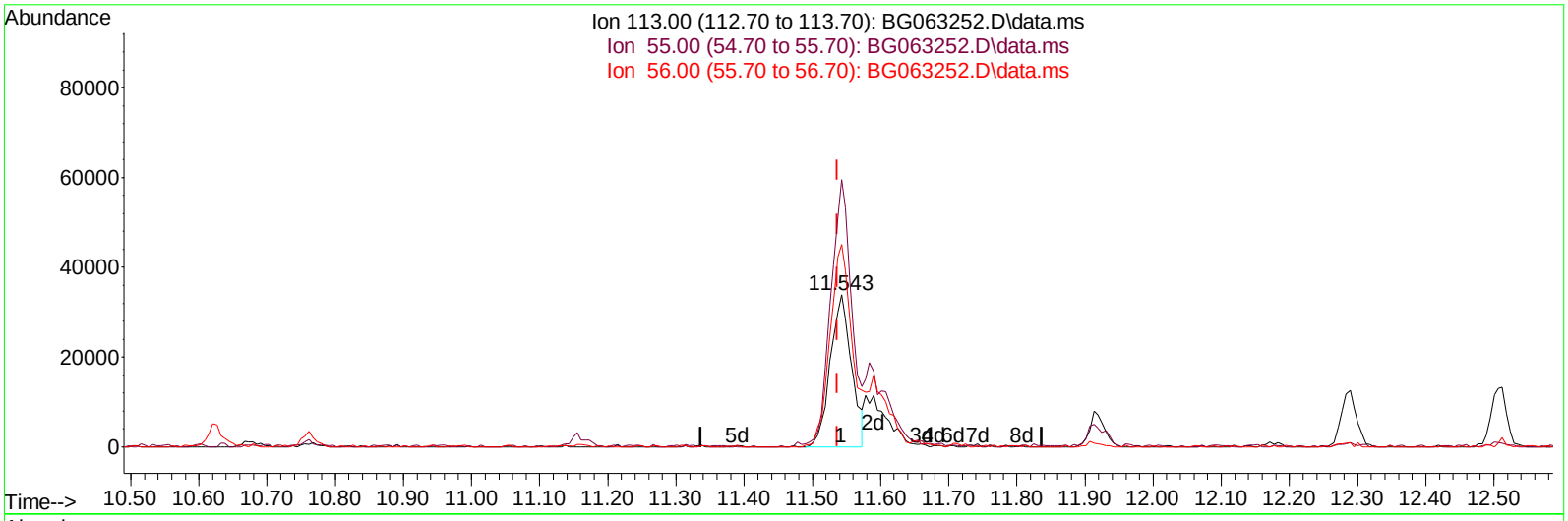
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063252.D
Acq On : 9 Nov 2024 6:40
Operator : RC/JU
Sample : P4582-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

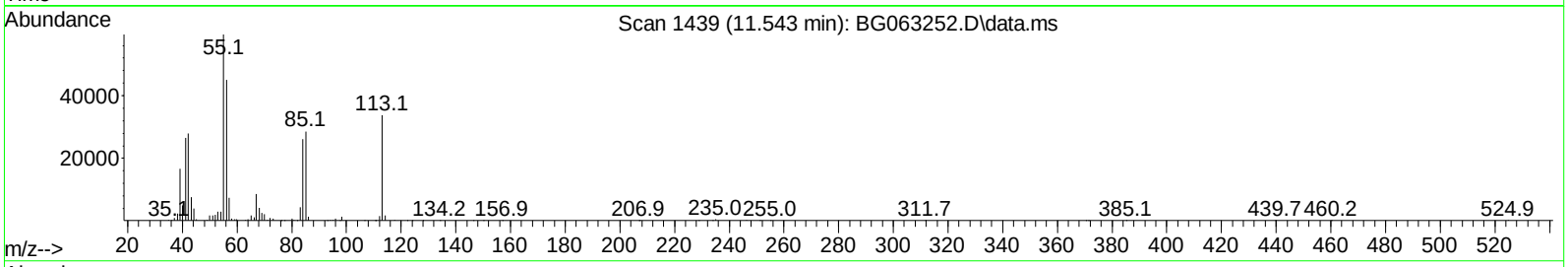
Quant Time: Nov 09 06:13:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

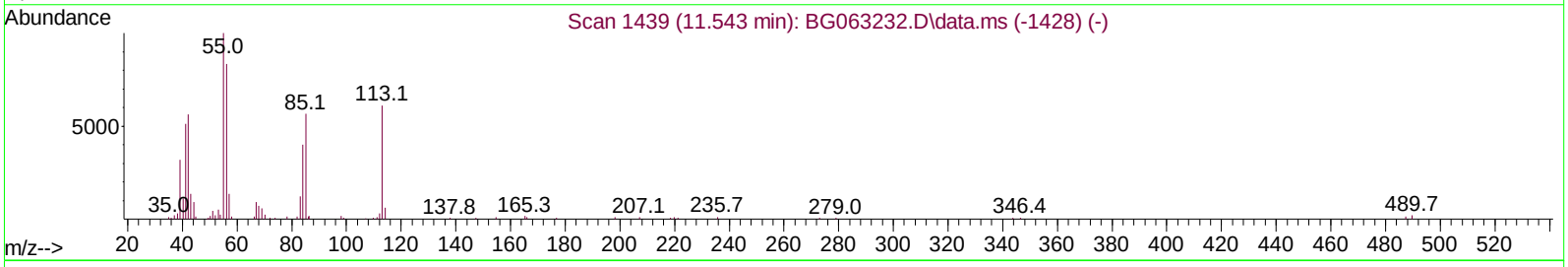
Instrument :
BNA_G
ClientSampleId :
A4EE8MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063252.D\data.ms

(34) Caprolactam

11.543min (+ 0.006) 18.19 ng/ul

response 72965

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	175.93#
56.00	105.40	133.29#
0.00	0.00	0.00

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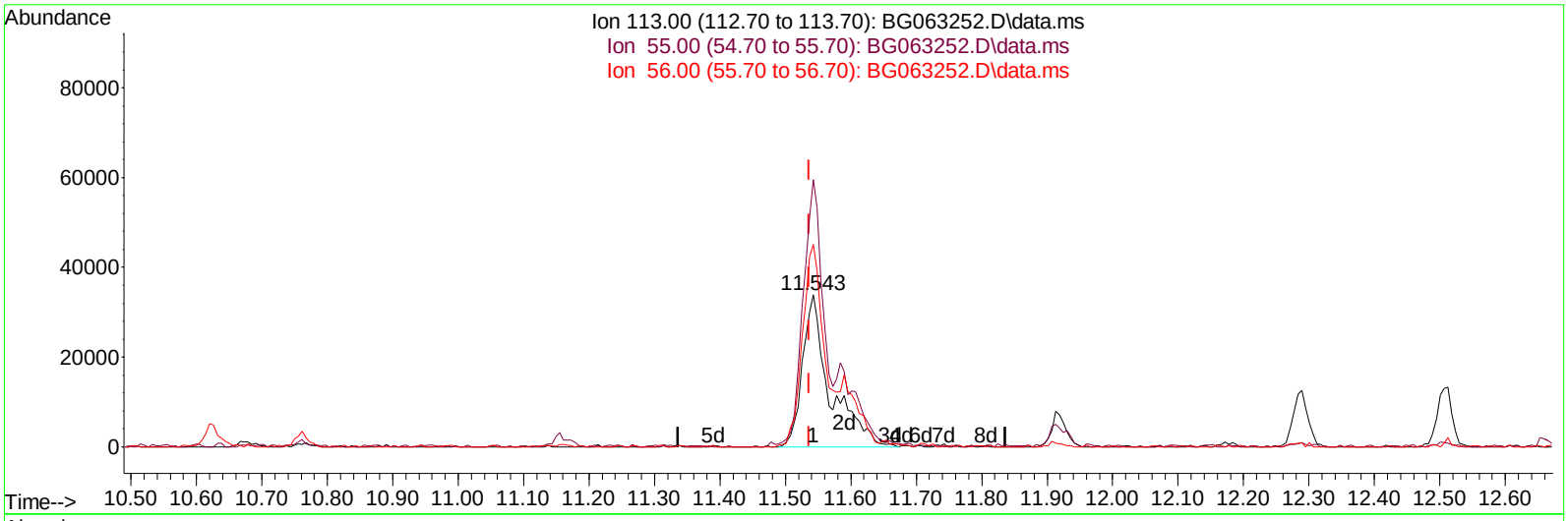

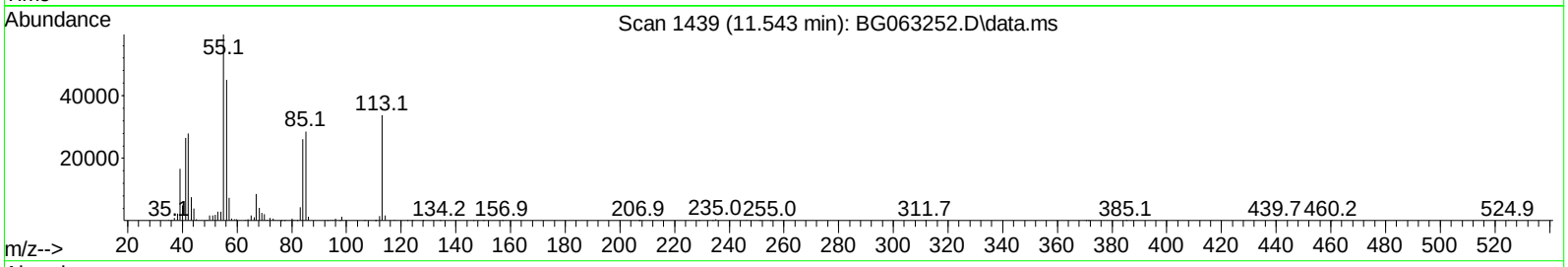

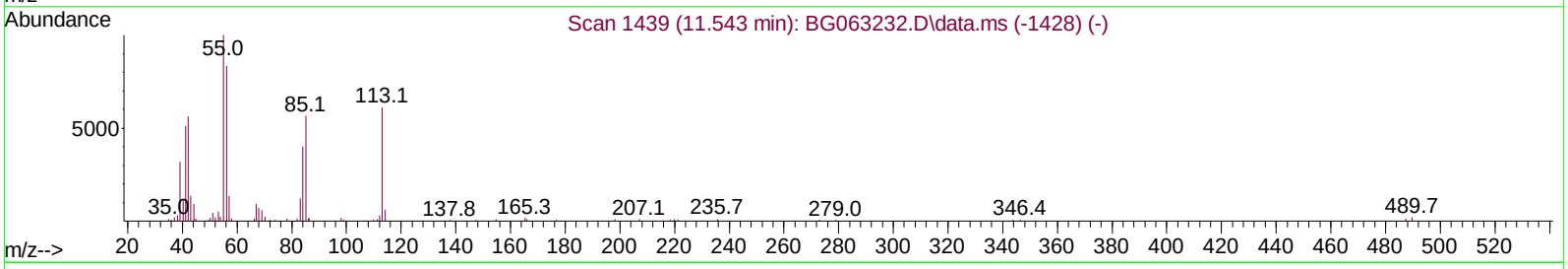

TIC: BG063252.D\data.ms

(34) Caprolactam

11.543min (+ 0.006) 24.83 ng/ul m

response 99575

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	175.93#
56.00	105.40	133.29#
0.00	0.00	0.00

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Instrument :
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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	125796	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	573962	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	478942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1113270	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1097671	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	1174045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	11611	4.174	ng/uL	0.00
4) Pyridine-d5	3.705	84	186810	20.316	ng/ul	0.00
7) Phenol-d5	7.013	99	290934	25.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	162032	24.336	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	204411	27.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	234758	24.400	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	110354	27.348	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	136079	26.093	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	286718	28.015	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	285591	21.424	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	864087	23.033	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	972571	26.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	125002	24.336	ng/ul	0.00
60) Fluorene-d10	15.468	176	808375	25.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	170439	24.360	ng/ul	0.00
73) Anthracene-d10	17.324	188	1259143	26.316	ng/ul	0.00
81) Pyrene-d10	19.622	212	1561028	28.365	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1520532	26.825	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	32233	9.411	ng/uL#	79
5) Pyridine	3.723	79	252370	26.900	ng/ul	98
6) Benzaldehyde	6.978	77	31583	5.034	ng/ul	96
8) Phenol	7.036	94	381521	30.842	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.260	93	244142	29.020	ng/ul#	86
12) 2-Chlorophenol	7.401	128	253161	32.123	ng/ul	99
13) 2-Methylphenol	8.282	108	279218	30.902	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.352	45	322180	30.299	ng/ul	99
16) Acetophenone	8.652	105	434528	28.050	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.640	70	248764	27.530	ng/ul#	96
18) 4-Methylphenol	8.611	108	300616	29.258	ng/ul	96
19) Hexachloroethane	8.911	117	104535	32.732	ng/ul	96
22) Nitrobenzene	9.028	77	386538	31.067	ng/ul	98
23) Isophorone	9.551	82	704985	26.847	ng/ul	97
25) 2-Nitrophenol	9.745	139	164381	31.886	ng/ul	95
26) 2,4-Dimethylphenol	9.810	107	290133	25.801	ng/ul#	91
27) Bis(2-Chloroethoxy)met...	10.033	93	380215	30.035	ng/ul	97
29) 2,4-Dichlorophenol	10.280	162	328577	34.055	ng/ul	98
30) Naphthalene	10.673	128	936489	31.888	ng/ul	100
32) 4-Chloroaniline	10.785	127	194713	15.261	ng/ul	96
33) Hexachlorobutadiene	10.961	225	288405	31.231	ng/ul	95
34) Caprolactam	11.543	113	99575m	24.830	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	335085	28.943	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	697184	29.952	ng/ul	97
37) 1-Methylnaphthalene	12.506	142	676428	27.946	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.659	216	575205	34.069	ng/ul	97
40) Hexachlorocyclopentadiene	12.642	237	171684	18.623	ng/ul	98
41) 2,4,6-Trichlorophenol	12.906	196	321694	35.299	ng/ul	97
42) 2,4,5-Trichlorophenol	12.982	196	339853	34.389	ng/ul	94
43) 1,1'-Biphenyl	13.305	154	999606	32.927	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	776661	32.861	ng/ul	97
45) 2-Nitroaniline	13.552	65	249247	30.915	ng/ul	94
47) Dimethylphthalate	13.928	163	957128	26.608	ng/ul	98
48) 2,6-Dinitrotoluene	14.052	165	207018	30.074	ng/ul	97
50) Acenaphthylene	14.193	152	1154692	31.568	ng/ul	98
51) 3-Nitroaniline	14.381	138	183265	30.502	ng/ul	97
52) Acenaphthene	14.539	153	843425	32.217	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	120045	26.452	ng/ul	93
55) 4-Nitrophenol	14.698	109	179788	26.931	ng/ul	96
56) Dibenzofuran	14.874	168	1237337	30.875	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	311713	28.632	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.103	232	320749	31.339	ng/ul#	94
59) Diethylphthalate	15.297	149	957644	25.966	ng/ul	100
61) Fluorene	15.526	166	1019462	30.057	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.520	204	637847	29.261	ng/ul	98
63) 4-Nitroaniline	15.550	138	197249	32.436	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.609	198	221464	30.500	ng/ul	98
67) N-Nitrosodiphenylamine	15.732	169	842369	33.918	ng/ul	99
68) 4-Bromophenyl-phenylether	16.414	248	437064	34.342	ng/ul	97
69) Hexachlorobenzene	16.537	284	447532	33.008	ng/ul	98
70) Atrazine	16.690	200	397515	29.259	ng/ul	98
71) Pentachlorophenol	16.878	266	222418	32.722	ng/ul	95
72) Phenanthrene	17.265	178	1697262	33.368	ng/ul	100
74) Anthracene	17.360	178	1644887	31.568	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	562879	39.099	ng/ul	93
76) Pentachlorobenzene	14.798	250	548471	35.727	ng/ul	96
77) Carbazole	17.630	167	1364247	31.535	ng/ul	98
78) Di-n-butylphthalate	18.194	149	1548922	31.476	ng/ul	99
80) Fluoranthene	19.287	202	2154270	36.214	ng/ul	98
82) Pyrene	19.651	202	2220282	35.213	ng/ul#	96
83) Butylbenzylphthalate	20.550	149	674490	36.602	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.378	252	585355	24.800	ng/ul	100
85) Benzo(a)anthracene	21.461	228	2323509	33.465	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	957767	35.682	ng/ul	98
87) Chrysene	21.525	228	2148821	33.195	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	1661746	35.917	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2392428	33.869	ng/ul	100
91) Benzo(k)fluoranthene	23.617	252	2278493	32.384	ng/ul	100
93) Benzo(a)pyrene	24.375	252	2137357	32.711	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.941	276	2645878	33.013	ng/ul	97
95) Dibenzo(a,h)anthracene	27.994	278	2112908	32.336	ng/ul	98
96) Benzo(g,h,i)perylene	29.011	276	2022749	33.287	ng/ul	97

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

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