Quantitation Report (Qedit)

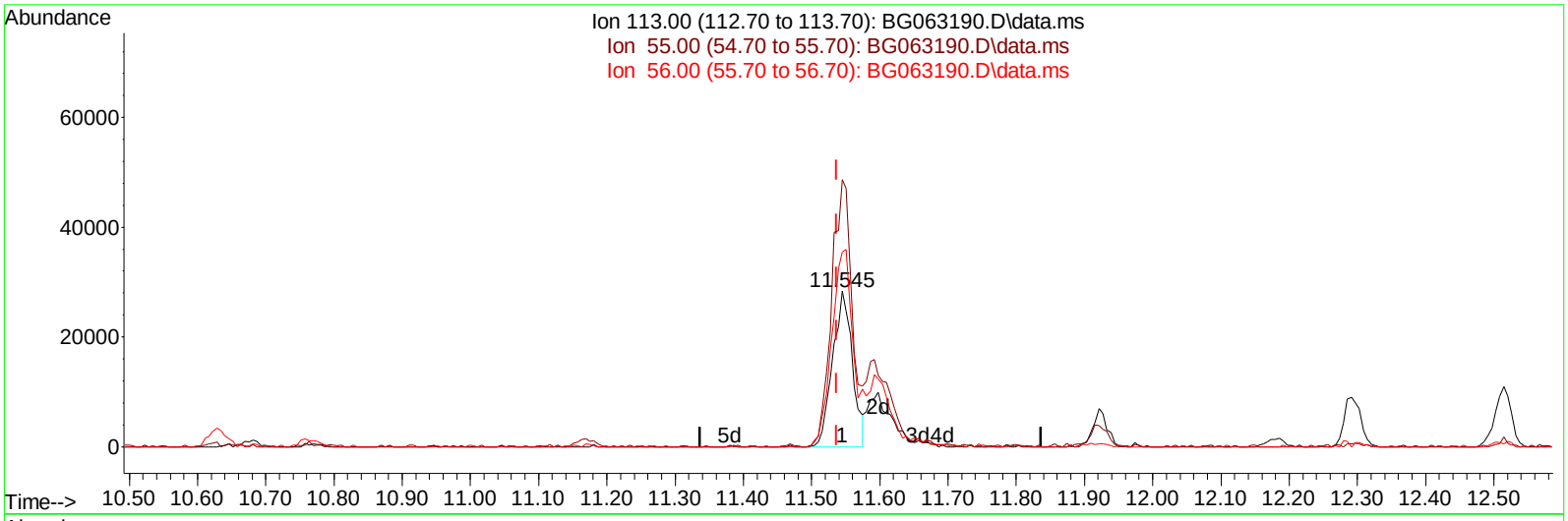
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063190.D
Acq On : 7 Nov 2024 5:39
Operator : RC/JU
Sample : P4634-19MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

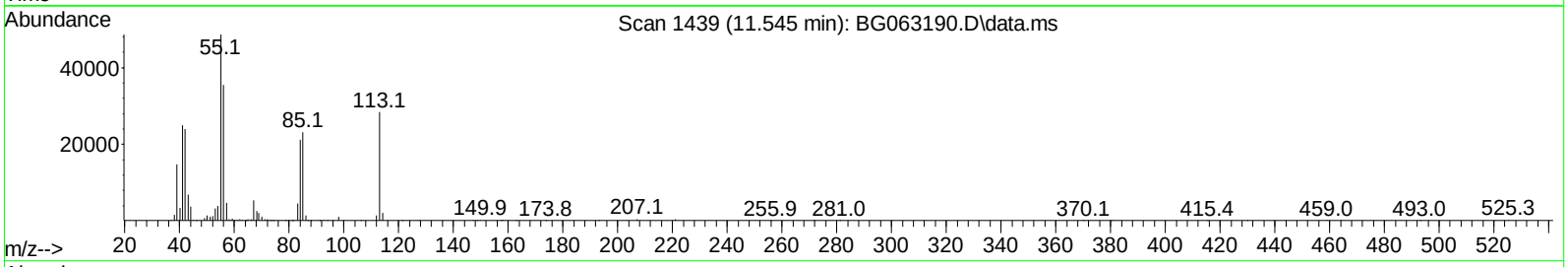
Quant Time: Nov 07 05:22:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

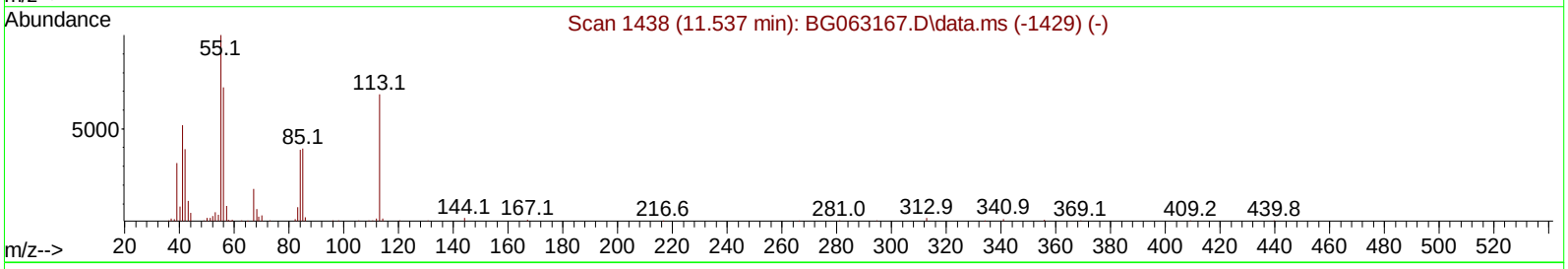
Instrument :
BNA_G
ClientSampleId :
CC0R7MSD

Manual IntegrationsAPPROVED

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







TIC: BG063190.D\data.ms

(34) Caprolactam

11.545min (+ 0.008) 21.59 ng/ul

response 57285

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	171.58
56.00	105.40	125.29
0.00	0.00	0.00

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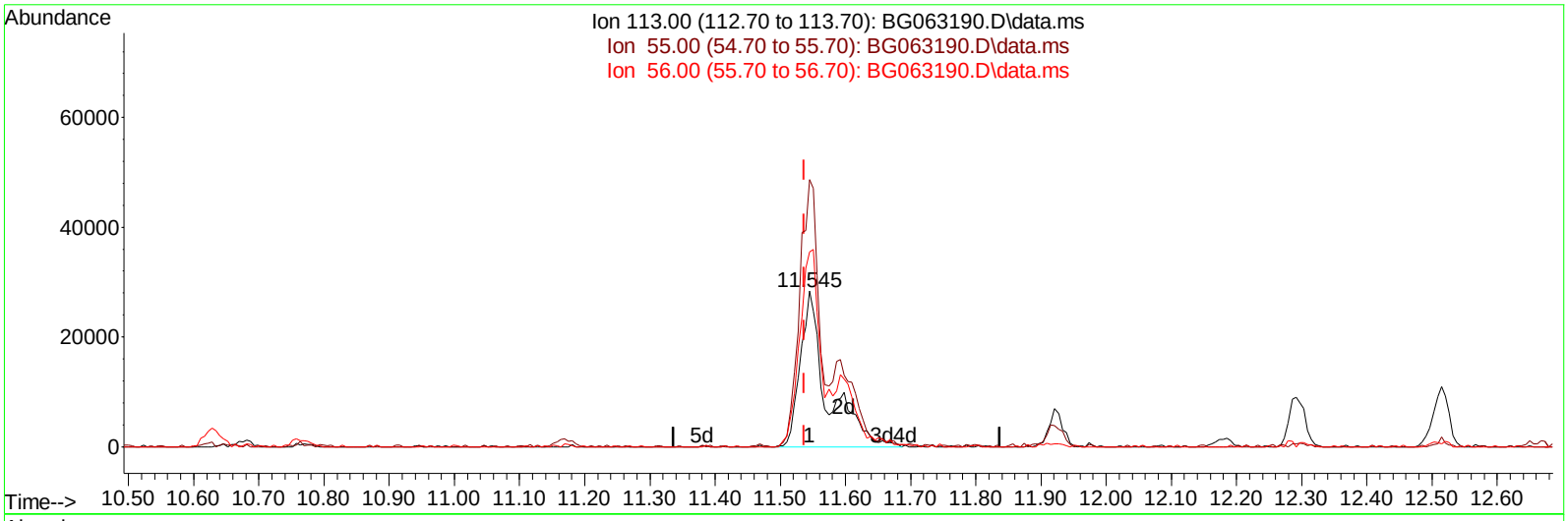

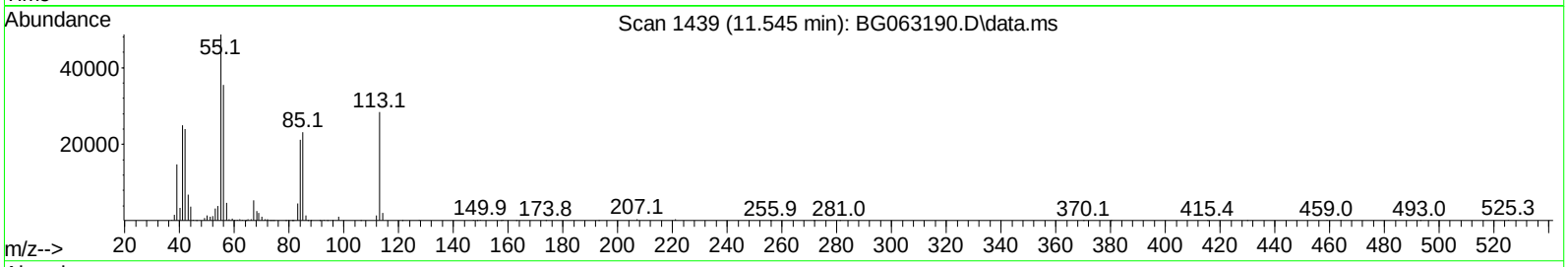

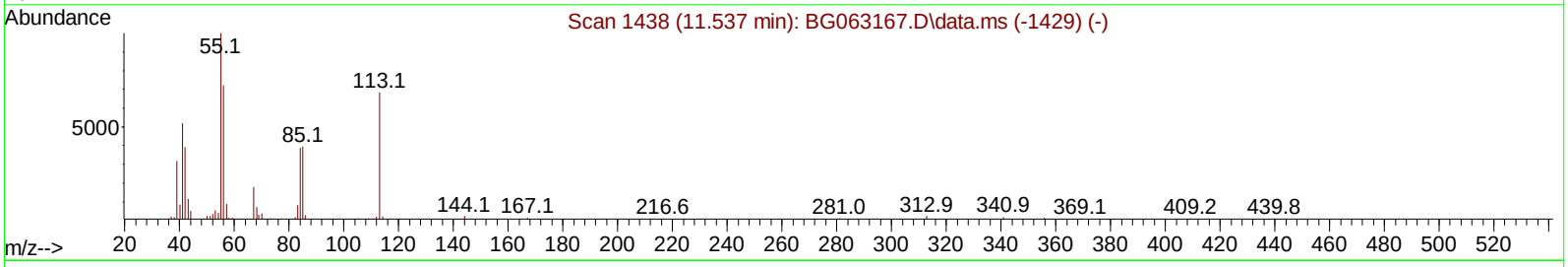

TIC: BG063190.D\data.ms

(34) Caprolactam

11.545min (+ 0.008) 30.87 ng/ul m

response 81931

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	171.58
56.00	105.40	125.29
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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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	7.838	152	82904	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	379824	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.477	164	371380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	952706	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1020879	20.000	ng/ul	# 0.00
88) Perylene-d12	24.518	264	1070613	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	7171	3.911	ng/uL	0.00
4) Pyridine-d5	3.713	84	34052	5.619	ng/ul	0.00
7) Phenol-d5	7.015	99	195073	26.076	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.174	67	106670	24.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.373	132	132805	27.351	ng/ul	0.00
15) 4-Methylphenol-d8	8.549	113	167215	26.372	ng/ul	0.00
21) Nitrobenzene-d5	8.995	128	70004	26.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.712	143	91052	26.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	196361	28.992	ng/ul	0.00
31) 4-Chloroaniline-d4	10.764	131	194424	22.039	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	673460	23.151	ng/ul	0.00
49) Acenaphthylene-d8	14.171	160	739518	25.972	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	100959	25.348	ng/ul	0.00
60) Fluorene-d10	15.476	176	627507	25.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	145157	24.243	ng/ul	0.00
73) Anthracene-d10	17.326	188	1089075	26.598	ng/ul	0.00
81) Pyrene-d10	19.624	212	1390298	27.163	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	1399065	27.066	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	22415	9.931	ng/uL	91
5) Pyridine	3.731	79	163314	26.413	ng/ul	99
6) Benzaldehyde	6.986	77	22002	5.322	ng/ul	94
8) Phenol	7.039	94	274827	33.711	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.262	93	166177	29.972	ng/ul	92
12) 2-Chlorophenol	7.409	128	173774	33.457	ng/ul	99
13) 2-Methylphenol	8.284	108	198606	33.352	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.355	45	216597	30.908	ng/ul	95
16) Acetophenone	8.660	105	304622	29.838	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.643	70	176464	29.632	ng/ul	94
18) 4-Methylphenol	8.613	108	219986	32.488	ng/ul	98
19) Hexachloroethane	8.919	117	71844	34.134	ng/ul	92
22) Nitrobenzene	9.036	77	272495	33.096	ng/ul	95
23) Isophorone	9.559	82	505452	29.087	ng/ul	97
25) 2-Nitrophenol	9.747	139	115416	33.831	ng/ul	96
26) 2,4-Dimethylphenol	9.812	107	254252	34.166	ng/ul#	89
27) Bis(2-Chloroethoxy)met...	10.041	93	257283	30.712	ng/ul	95
29) 2,4-Dichlorophenol	10.282	162	229834	35.996	ng/ul	91
30) Naphthalene	10.681	128	649405	33.415	ng/ul	98
32) 4-Chloroaniline	10.787	127	145189	17.196	ng/ul	96
33) Hexachlorobutadiene	10.969	225	204831	33.519	ng/ul	94
34) Caprolactam	11.545	113	81931m	30.873	ng/ul	
35) 4-Chloro-3-methylphenol	11.921	107	271563	35.445	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.291	142	523475	33.984	ng/ul	96
37) 1-Methylnaphthalene	12.514	142	527952	32.960	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.667	216	439827	33.596	ng/ul	99
40) Hexachlorocyclopentadiene	12.644	237	184906	25.866	ng/ul	99
41) 2,4,6-Trichlorophenol	12.908	196	258816	36.625	ng/ul	92
42) 2,4,5-Trichlorophenol	12.984	196	278977	36.405	ng/ul	89
43) 1,1'-Biphenyl	13.308	154	780590	33.159	ng/ul	98
44) 2-Chloronaphthalene	13.349	162	612977	33.447	ng/ul	97
45) 2-Nitroaniline	13.554	65	214628	34.332	ng/ul	94
47) Dimethylphthalate	13.930	163	800620	28.703	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	177373	33.231	ng/ul	94
50) Acenaphthylene	14.201	152	932183	32.866	ng/ul	98
51) 3-Nitroaniline	14.383	138	155372	33.349	ng/ul	90
52) Acenaphthene	14.541	153	671473	33.077	ng/ul	98
53) 2,4-Dinitrophenol	14.594	184	108215	30.751	ng/ul	94
55) 4-Nitrophenol	14.706	109	164903	31.855	ng/ul	93
56) Dibenzofuran	14.876	168	1025274	32.993	ng/ul	99
57) 2,4-Dinitrotoluene	14.847	165	260292	30.833	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.111	232	267054	33.650	ng/ul#	98
59) Diethylphthalate	15.305	149	818638	28.626	ng/ul	100
61) Fluorene	15.529	166	846596	32.189	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.523	204	534542	31.625	ng/ul	99
63) 4-Nitroaniline	15.552	138	177487	37.639	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.617	198	204667	32.937	ng/ul	94
67) N-Nitrosodiphenylamine	15.740	169	731275	34.407	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	378201	34.725	ng/ul	98
69) Hexachlorobenzene	16.539	284	389518	33.571	ng/ul	97
70) Atrazine	16.692	200	360377	30.996	ng/ul	96
71) Pentachlorophenol	16.886	266	203259	34.943	ng/ul	94
72) Phenanthrene	17.274	178	1488463	34.195	ng/ul	98
74) Anthracene	17.362	178	1506755	33.790	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.272	216	442947	35.954	ng/ul	96
76) Pentachlorobenzene	14.800	250	455954	34.706	ng/ul	97
77) Carbazole	17.632	167	1241205	33.526	ng/ul	99
78) Di-n-butylphthalate	18.196	149	1378526	32.735	ng/ul	99
80) Fluoranthene	19.289	202	1858624	33.595	ng/ul#	98
82) Pyrene	19.653	202	1951609	33.280	ng/ul	99
83) Butylbenzylphthalate	20.552	149	623148	36.360	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	706690	32.193	ng/ul	96
85) Benzo(a)anthracene	21.463	228	2155183	33.375	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.381	149	904988	36.252	ng/ul	99
87) Chrysene	21.527	228	2002195	33.256	ng/ul	99
89) Di-n-octyl phthalate	22.526	149	1535248	36.389	ng/ul	100
90) Benzo(b)fluoranthene	23.560	252	2180130	33.845	ng/ul	99
91) Benzo(k)fluoranthene	23.625	252	2182386	34.014	ng/ul	98
93) Benzo(a)pyrene	24.377	252	1986164	33.334	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.943	276	2493263	34.114	ng/ul	96
95) Dibenzo(a,h)anthracene	28.002	278	2042891	34.285	ng/ul	96
96) Benzo(g,h,i)perylene	29.013	276	1885832	34.032	ng/ul	98

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

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