Quantitation Report (Qedit)

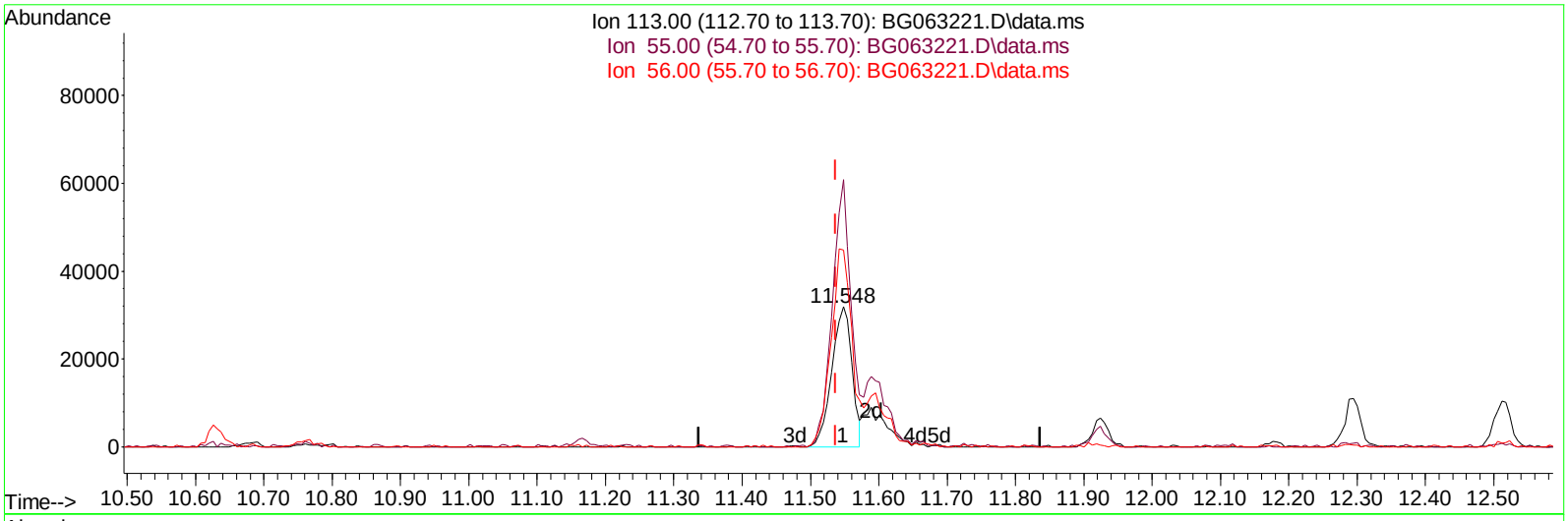
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063221.D
Acq On : 8 Nov 2024 3:03
Operator : RC/JU
Sample : P4603-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

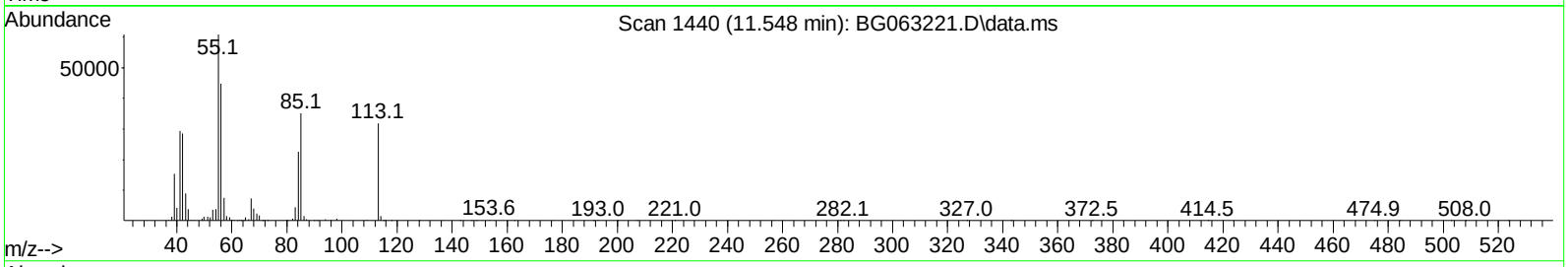
Quant Time: Nov 08 03:09:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

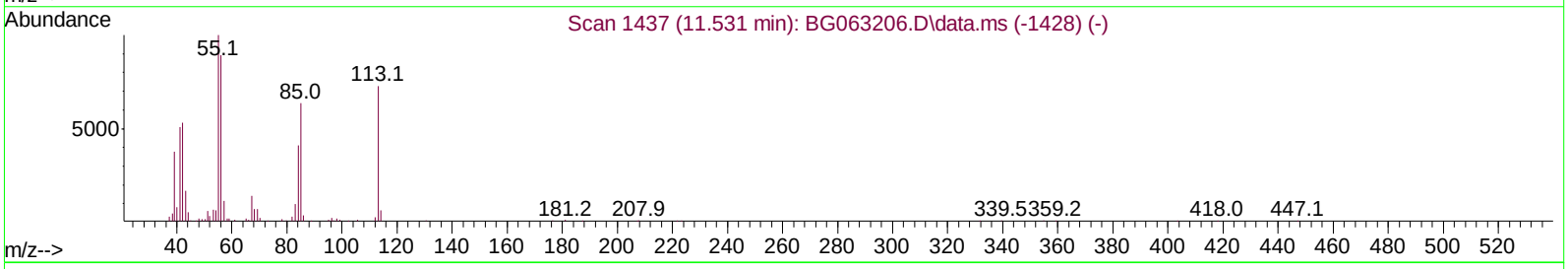
Instrument :
BNA_G
ClientSampleId :
A4EC8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063221.D\data.ms

(34) Caprolactam

11.548min (+ 0.011) 20.62 ng/ul

response 65167

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	190.98#
56.00	105.40	140.90#
0.00	0.00	0.00

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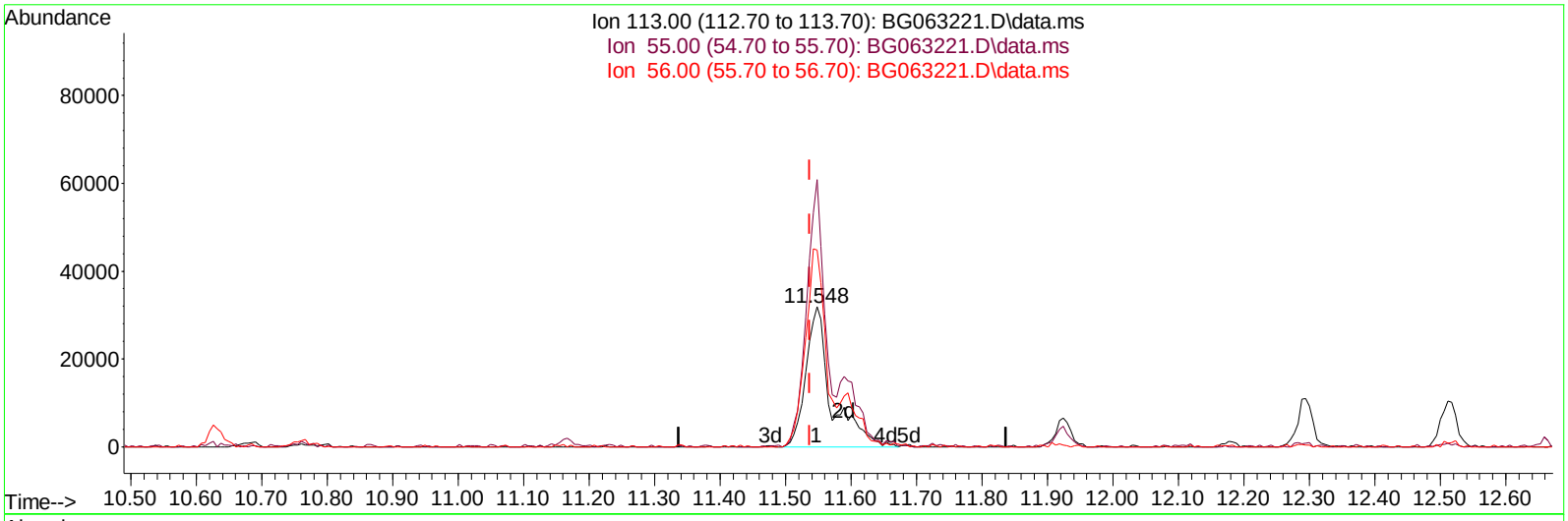

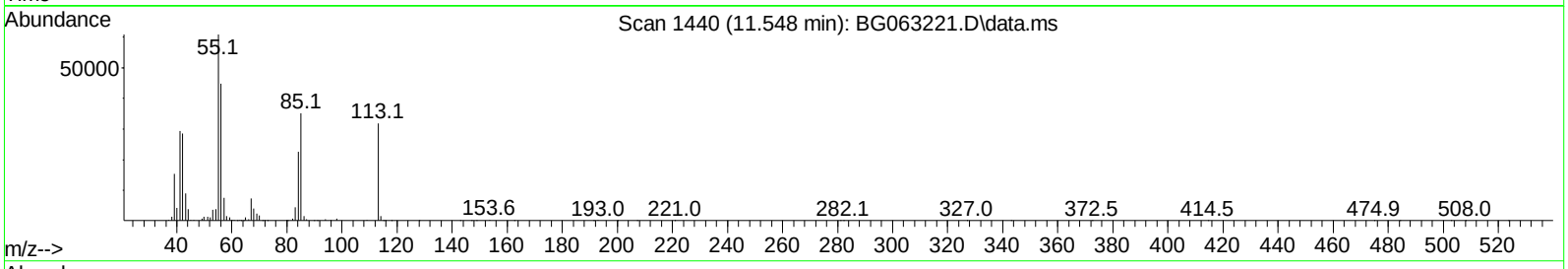

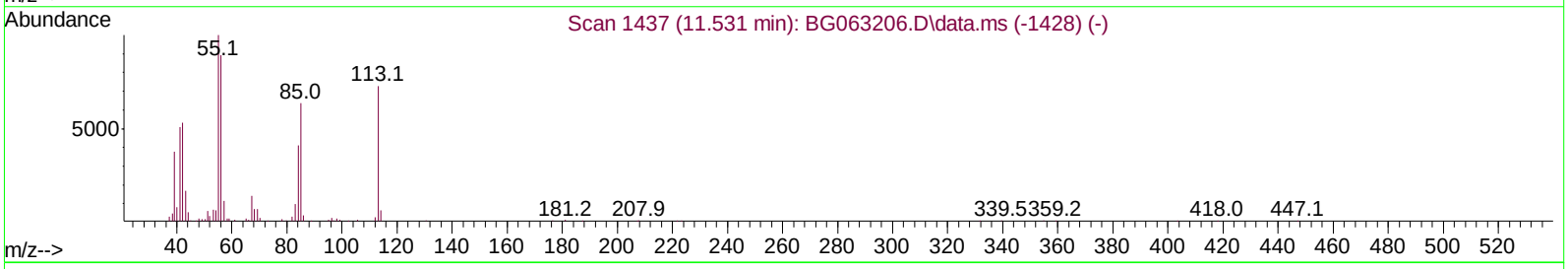

TIC: BG063221.D\data.ms

(34) Caprolactam

11.548min (+ 0.011) 27.35 ng/ul m

response 86437

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	190.98#
56.00	105.40	140.90#
0.00	0.00	0.00

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Sample : P4603-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 08 03:11:30 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 :
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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	7.835	152	98947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	452291	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	419934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1029511	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	1079049	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	1125753	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	7947	3.632	ng/uL	0.00
4) Pyridine-d5	3.710	84	122461	16.932	ng/ul	0.00
7) Phenol-d5	7.012	99	212912	23.847	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	113100	21.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	144914	25.006	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	175380	23.175	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	78423	24.663	ng/ul	0.00
24) 2-Nitrophenol-d4	9.715	143	100290	24.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	217824	27.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.767	131	218117	20.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	718772	21.851	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	799196	24.823	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	98354	21.839	ng/ul	0.01
60) Fluorene-d10	15.473	176	666398	24.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	128697	19.891	ng/ul	0.00
73) Anthracene-d10	17.330	188	1118630	25.281	ng/ul	0.00
81) Pyrene-d10	19.627	212	1412738	26.113	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	1399796	25.754	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	25085	9.312	ng/uL#	83
5) Pyridine	3.734	79	182577	24.741	ng/ul	94
6) Benzaldehyde	6.977	77	20232	4.100	ng/ul	88
8) Phenol	7.042	94	304880	31.334	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.265	93	187137	28.280	ng/ul	94
12) 2-Chlorophenol	7.406	128	195215	31.491	ng/ul	97
13) 2-Methylphenol	8.287	108	227862	32.061	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.358	45	245904	29.401	ng/ul	97
16) Acetophenone	8.657	105	344606	28.282	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.646	70	194665	27.389	ng/ul#	97
18) 4-Methylphenol	8.616	108	253131	31.322	ng/ul	97
19) Hexachloroethane	8.916	117	79444	31.625	ng/ul	95
22) Nitrobenzene	9.039	77	308189	31.434	ng/ul	99
23) Isophorone	9.556	82	554529	26.798	ng/ul	97
25) 2-Nitrophenol	9.744	139	135443	33.340	ng/ul	90
26) 2,4-Dimethylphenol	9.809	107	280430	31.646	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.038	93	291874	29.259	ng/ul	96
29) 2,4-Dichlorophenol	10.285	162	259467	34.126	ng/ul	99
30) Naphthalene	10.679	128	734528	31.739	ng/ul	100
32) 4-Chloroaniline	10.790	127	167849	16.695	ng/ul	98
33) Hexachlorobutadiene	10.966	225	234471	32.221	ng/ul	96
34) Caprolactam	11.548	113	86437m	27.353	ng/ul	
35) 4-Chloro-3-methylphenol	11.924	107	289055	31.684	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.294	142	582144	31.738	ng/ul	100
37) 1-Methylnaphthalene	12.512	142	591911	31.032	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.664	216	500413	33.804	ng/ul	97
40) Hexachlorocyclopentadiene	12.641	237	153359	18.972	ng/ul	98
41) 2,4,6-Trichlorophenol	12.905	196	282580	35.364	ng/ul	93
42) 2,4,5-Trichlorophenol	12.982	196	303081	34.978	ng/ul	88
43) 1,1'-Biphenyl	13.311	154	864241	32.468	ng/ul	98
44) 2-Chloronaphthalene	13.352	162	675951	32.619	ng/ul	96
45) 2-Nitroaniline	13.558	65	230127	32.555	ng/ul	92
47) Dimethylphthalate	13.934	163	867163	27.494	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	188514	31.234	ng/ul	97
50) Acenaphthylene	14.198	152	1029106	32.088	ng/ul#	97
51) 3-Nitroaniline	14.386	138	177438	33.681	ng/ul	92
52) Acenaphthene	14.545	153	751327	32.731	ng/ul	100
53) 2,4-Dinitrophenol	14.597	184	94847	23.836	ng/ul#	89
55) 4-Nitrophenol	14.703	109	169112	28.891	ng/ul	98
56) Dibenzofuran	14.880	168	1095028	31.164	ng/ul	99
57) 2,4-Dinitrotoluene	14.850	165	276978	29.016	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.109	232	297477	33.149	ng/ul#	96
59) Diethylphthalate	15.303	149	880057	27.216	ng/ul	99
61) Fluorene	15.532	166	925791	31.130	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.520	204	580968	30.397	ng/ul	97
63) 4-Nitroaniline	15.549	138	191762	35.965	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.614	198	192806	28.714	ng/ul	97
67) N-Nitrosodiphenylamine	15.737	169	774959	33.743	ng/ul	99
68) 4-Bromophenyl-phenylether	16.419	248	401605	34.123	ng/ul	98
69) Hexachlorobenzene	16.542	284	416355	33.207	ng/ul	97
70) Atrazine	16.689	200	373867	29.757	ng/ul	97
71) Pentachlorophenol	16.883	266	204924	32.601	ng/ul	95
72) Phenanthrene	17.271	178	1590136	33.805	ng/ul	99
74) Anthracene	17.365	178	1570886	32.600	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.275	216	502147	37.719	ng/ul	98
76) Pentachlorobenzene	14.803	250	498522	35.115	ng/ul	95
77) Carbazole	17.635	167	1289607	32.235	ng/ul	99
78) Di-n-butylphthalate	18.199	149	1449143	31.844	ng/ul	99
80) Fluoranthene	19.292	202	2052250	35.095	ng/ul#	98
82) Pyrene	19.656	202	2116662	34.149	ng/ul	99
83) Butylbenzylphthalate	20.555	149	658618	36.358	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.384	252	695140	29.960	ng/ul	97
85) Benzo(a)anthracene	21.466	228	2269068	33.244	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149	947294	35.901	ng/ul	99
87) Chrysene	21.531	228	2094414	32.913	ng/ul	99
89) Di-n-octyl phthalate	22.529	149	1613951	36.381	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	2245345	33.150	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	2267849	33.615	ng/ul	100
93) Benzo(a)pyrene	24.386	252	2082654	33.241	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.952	276	2580470	33.578	ng/ul	96
95) Dibenzo(a,h)anthracene	28.005	278	2087476	33.317	ng/ul	99
96) Benzo(g,h,i)perylene	29.022	276	1920143	32.954	ng/ul	98

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

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