Quantitation Report (Qedit)

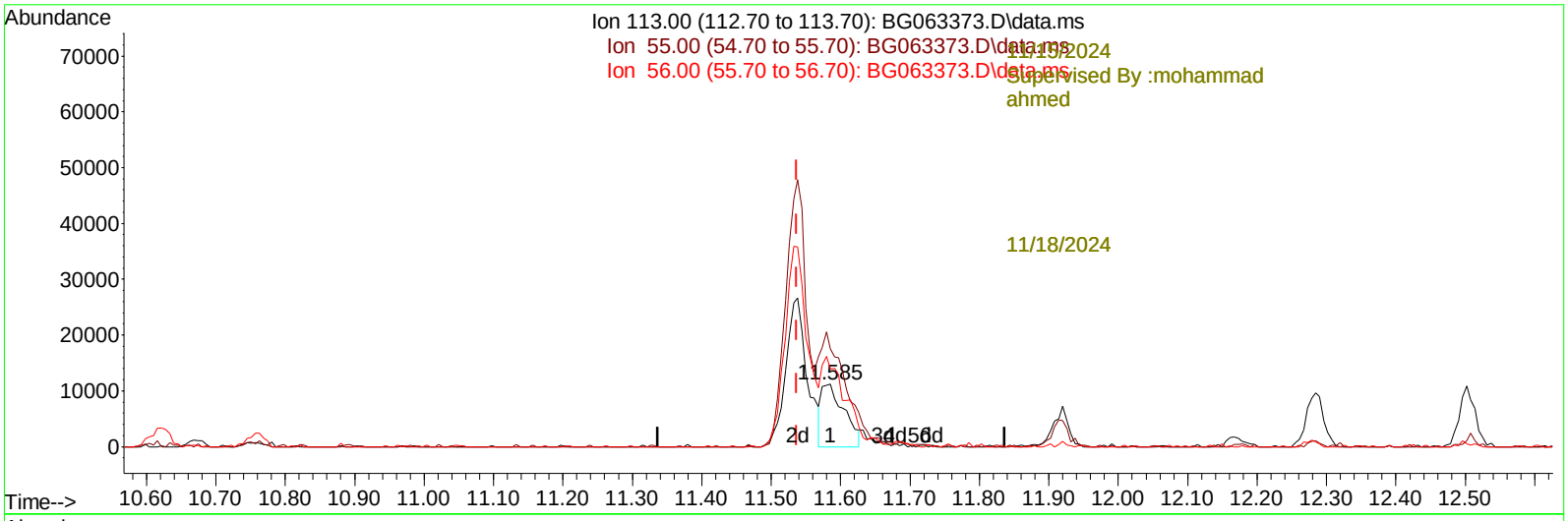
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063373.D
Acq On : 14 Nov 2024 2:55
Operator : RC/JU
Sample : PB164835BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

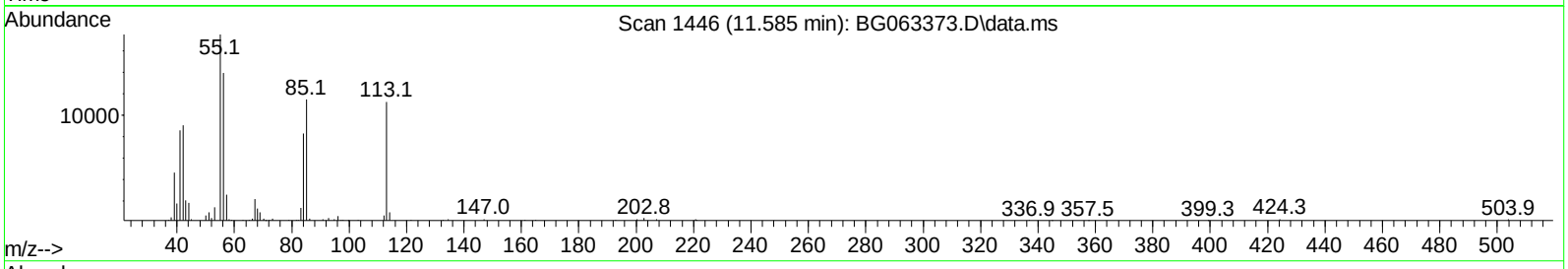
Quant Time: Nov 14 03:35:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

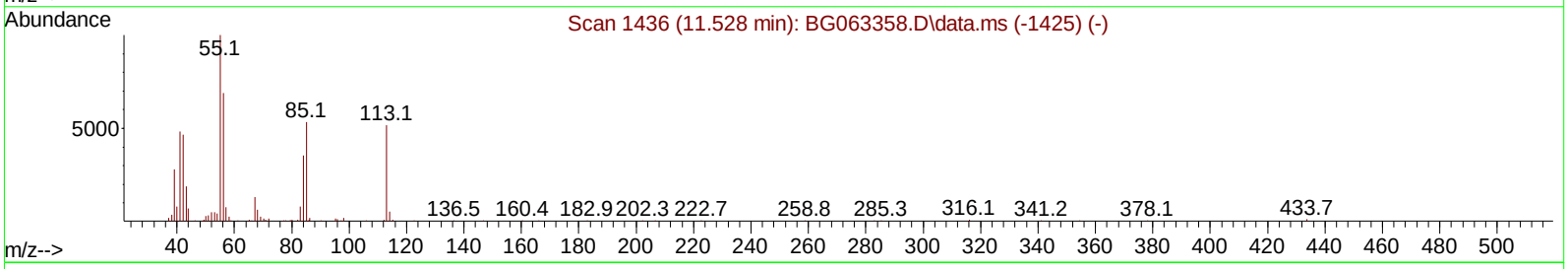
Instrument :
BNA_G
ClientSampleId :
SLCS835

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063373.D\data.ms

(34) Caprolactam

11.585min (+ 0.048) 7.60 ng/ul

response 25678

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	155.95
56.00	105.40	123.76
0.00	0.00	0.00

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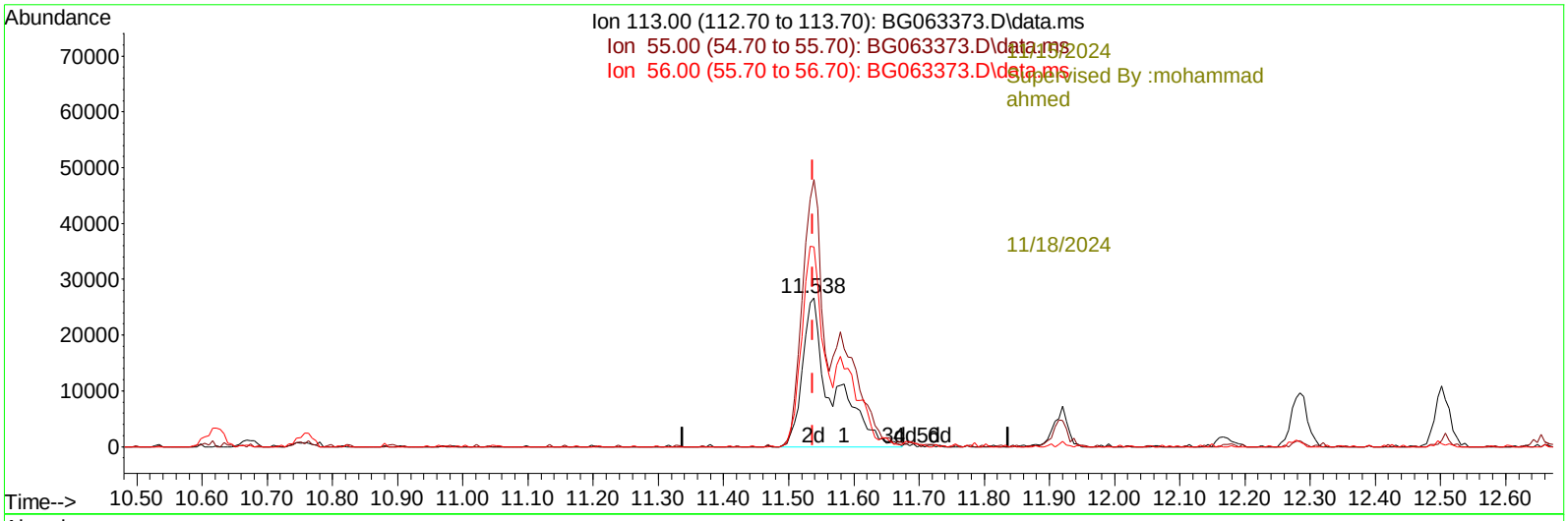

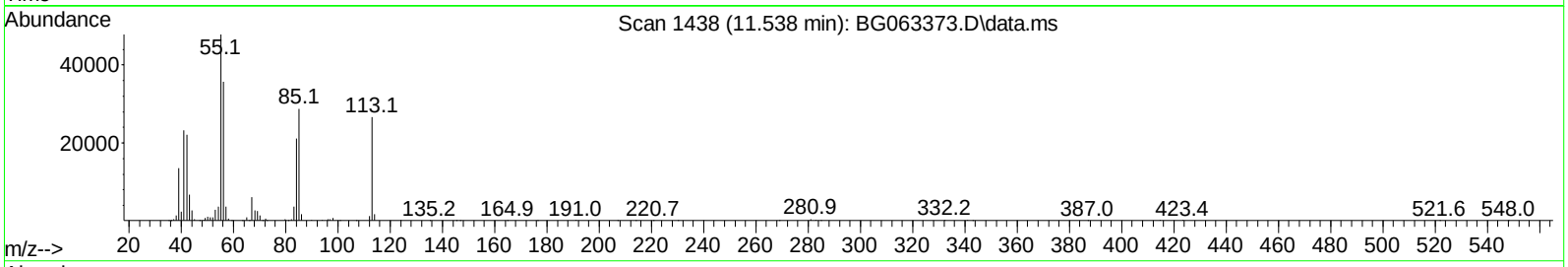

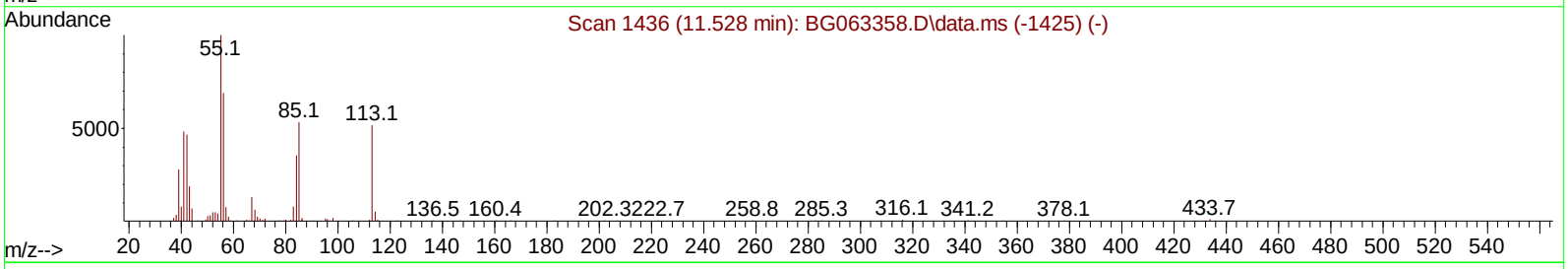

TIC: BG063373.D\data.ms

(34) Caprolactam

11.538min (+ 0.001) 25.13 ng/ul m

response 84949

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	179.01#
56.00	105.40	133.87#
0.00	0.00	0.00

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11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	113682	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.622	136	483764	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.470	164	410045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.220	188	1037446	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.480	240	1073735	20.000	ng/ul	0.00
88) Perylene-d12	24.511	264	1111404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	15871	6.313	ng/uL	0.00
4) Pyridine-d5	3.700	84	235573	28.349	ng/ul	-0.01
7) Phenol-d5	7.008	99	307004	29.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	185833	30.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	215919	32.429	ng/ul	-0.01
15) 4-Methylphenol-d8	8.542	113	257601	29.627	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	111339	32.737	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	142319	32.377	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.246	165	283506	32.866	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	297642	26.491	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	928995	28.924	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	1024764	32.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.682	143	147771	33.603	ng/ul	0.00
60) Fluorene-d10	15.463	176	847619	31.269	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.598	200	213773	32.787	ng/ul	0.00
73) Anthracene-d10	17.320	188	1422728	31.908	ng/ul	0.00
81) Pyrene-d10	19.623	212	1863699	34.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1809014	33.713	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	32133	10.382	ng/uL#	73
5) Pyridine	3.724	79	233178	27.503	ng/ul	95
6) Benzaldehyde	6.973	77	120649	21.280	ng/ul	96
8) Phenol	7.032	94	326497	29.207	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.255	93	216360	28.458	ng/ul	88
12) 2-Chlorophenol	7.402	128	218059	30.617	ng/ul	97
13) 2-Methylphenol	8.277	108	243409	29.809	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.354	45	302430	31.472	ng/ul	97
16) Acetophenone	8.647	105	379344	27.097	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.636	70	223480	27.367	ng/ul	96
18) 4-Methylphenol	8.606	108	269587	29.034	ng/ul	95
19) Hexachloroethane	8.906	117	91805	31.809	ng/ul	90
22) Nitrobenzene	9.029	77	330522	31.518	ng/ul	92
23) Isophorone	9.552	82	626198	28.293	ng/ul	98
25) 2-Nitrophenol	9.740	139	145520	33.490	ng/ul	94
26) 2,4-Dimethylphenol	9.799	107	236397	24.942	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.034	93	324810	30.442	ng/ul	96
29) 2,4-Dichlorophenol	10.275	162	259809	31.948	ng/ul	96
30) Naphthalene	10.669	128	759980	30.703	ng/ul	99
32) 4-Chloroaniline	10.780	127	219450	20.407	ng/ul	99
33) Hexachlorobutadiene	10.957	225	222438	28.579	ng/ul	97
34) Caprolactam	11.538	113	84949m	25.133	ng/ul	
35) 4-Chloro-3-methylphenol	11.914	107	289975	29.717	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.284	142	576087	29.364	ng/ul	99
37) 1-Methylnaphthalene	12.502	142	573054	28.089	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.655	216	450624	31.175	ng/ul	100
40) Hexachlorocyclopentadiene	12.637	237	169888	21.524	ng/ul	97
41) 2,4,6-Trichlorophenol	12.901	196	241682	30.975	ng/ul	97
42) 2,4,5-Trichlorophenol	12.978	196	269235	31.821	ng/ul	93
43) 1,1'-Biphenyl	13.301	154	847771	32.617	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	650312	32.138	ng/ul	97
45) 2-Nitroaniline	13.548	65	231236	33.501	ng/ul	95
47) Dimethylphthalate	13.924	163	877172	28.483	ng/ul	97
48) 2,6-Dinitrotoluene	14.047	165	183718	31.174	ng/ul	98
50) Acenaphthylene	14.194	152	1018182	32.513	ng/ul	97
51) 3-Nitroaniline	14.376	138	168730	32.801	ng/ul#	96
52) Acenaphthene	14.535	153	712960	31.809	ng/ul	96
53) 2,4-Dinitrophenol	14.588	184	114491	29.467	ng/ul	96
55) 4-Nitrophenol	14.705	109	161419	28.242	ng/ul	96
56) Dibenzofuran	14.870	168	1052952	30.689	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	280193	30.061	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.105	232	241399	27.549	ng/ul#	93
59) Diethylphthalate	15.293	149	881451	27.916	ng/ul	99
61) Fluorene	15.522	166	903392	31.110	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.516	204	545804	29.246	ng/ul	95
63) 4-Nitroaniline	15.545	138	187093	35.935	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.610	198	222868	32.937	ng/ul#	96
67) N-Nitrosodiphenylamine	15.727	169	757703	32.739	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	378847	31.943	ng/ul	96
69) Hexachlorobenzene	16.532	284	396904	31.413	ng/ul	97
70) Atrazine	16.679	200	161659	12.768	ng/ul	99
71) Pentachlorophenol	16.879	266	156025	24.632	ng/ul#	85
72) Phenanthrene	17.267	178	1572589	33.177	ng/ul	99
74) Anthracene	17.355	178	1559147	32.109	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	450644	33.591	ng/ul	95
76) Pentachlorobenzene	14.793	250	450137	31.464	ng/ul	98
77) Carbazole	17.625	167	1327369	32.925	ng/ul	97
78) Di-n-butylphthalate	18.189	149	1544467	33.679	ng/ul	99
80) Fluoranthene	19.282	202	2004712	34.451	ng/ul#	97
82) Pyrene	19.646	202	2103640	34.106	ng/ul#	95
83) Butylbenzylphthalate	20.545	149	678208	37.624	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	745558	32.291	ng/ul	98
85) Benzo(a)anthracene	21.456	228	2227309	32.794	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	963658	36.702	ng/ul	99
87) Chrysene	21.521	228	2047432	32.334	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1658065	37.858	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2248172	33.620	ng/ul	99
91) Benzo(k)fluoranthene	23.618	252	2227107	33.437	ng/ul	98
93) Benzo(a)pyrene	24.370	252	2000872	32.348	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.937	276	2502970	32.990	ng/ul	96
95) Dibenzo(a,h)anthracene	27.990	278	2045499	33.069	ng/ul#	97
96) Benzo(g,h,i)perylene	29.006	276	1906186	33.137	ng/ul	99

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

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