Quantitation Report (Qedit)

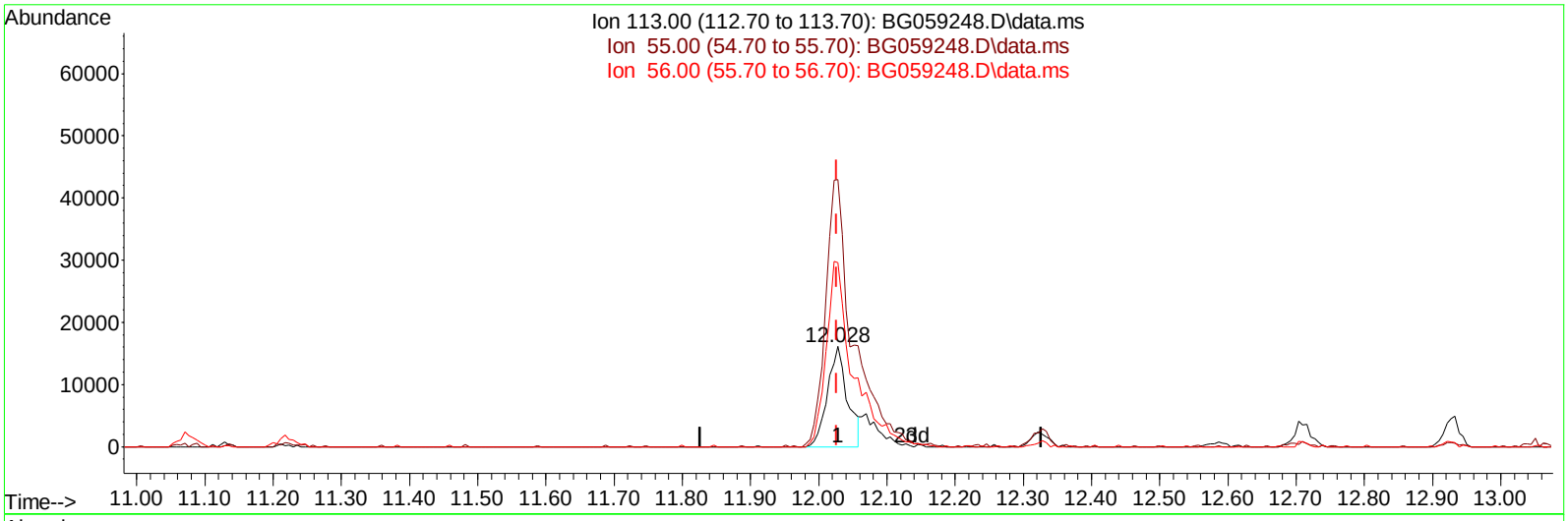
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100223\
Data File : BG059248.D
Acq On : 2 Oct 2023 13:41
Operator : MA/JU
Sample : PB155829BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

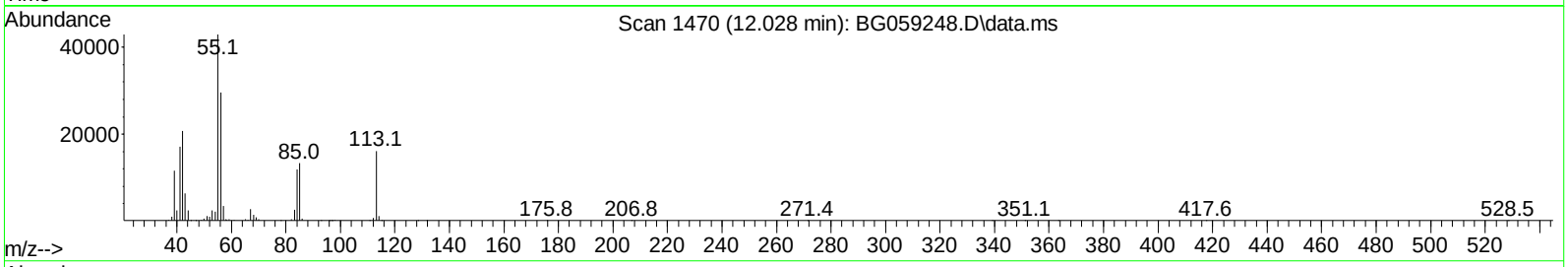
Quant Time: Oct 02 23:54:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

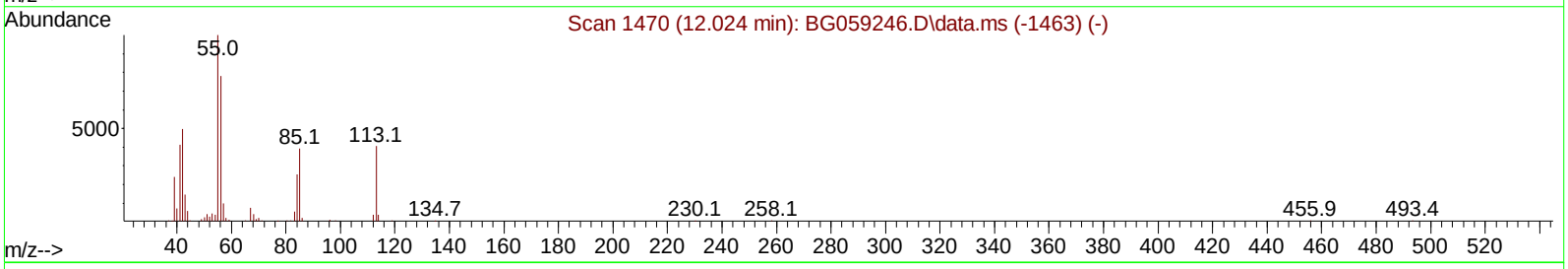
Instrument :
BNA_G
ClientSampleId :
SLCS829

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023







TIC: BG059248.D\data.ms

(34) Caprolactam

12.028min (+ 0.001) 30.62 ng/ul

response 32527

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	266.07
56.00	209.90	183.25
0.00	0.00	0.00

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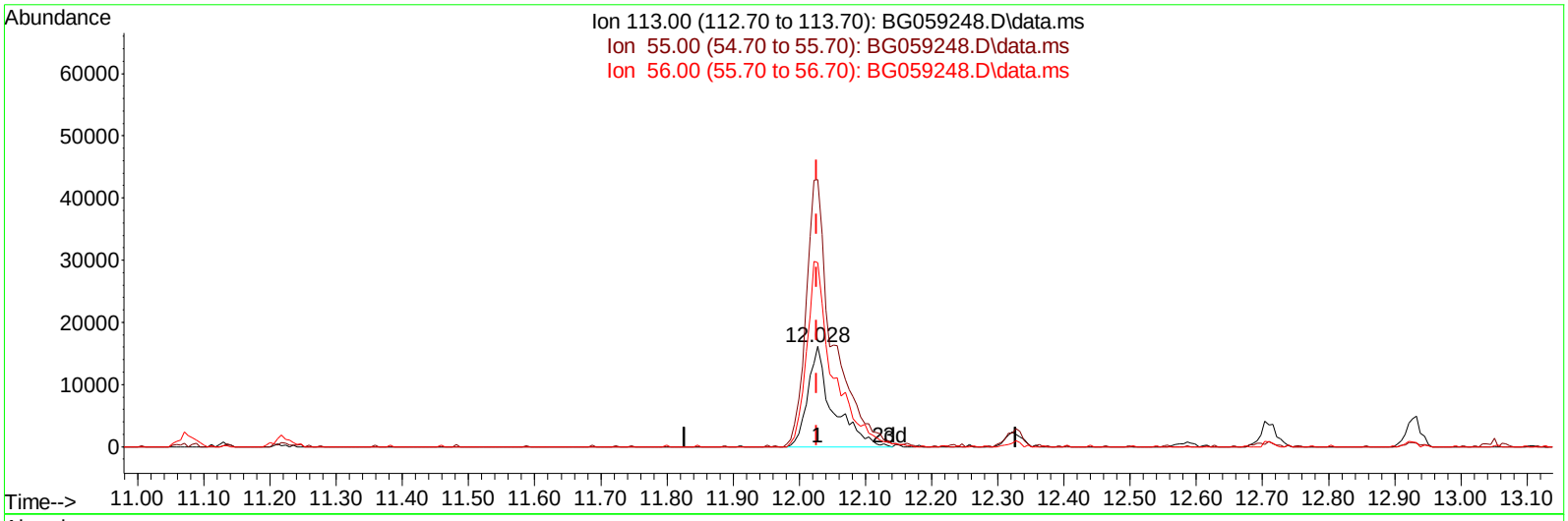

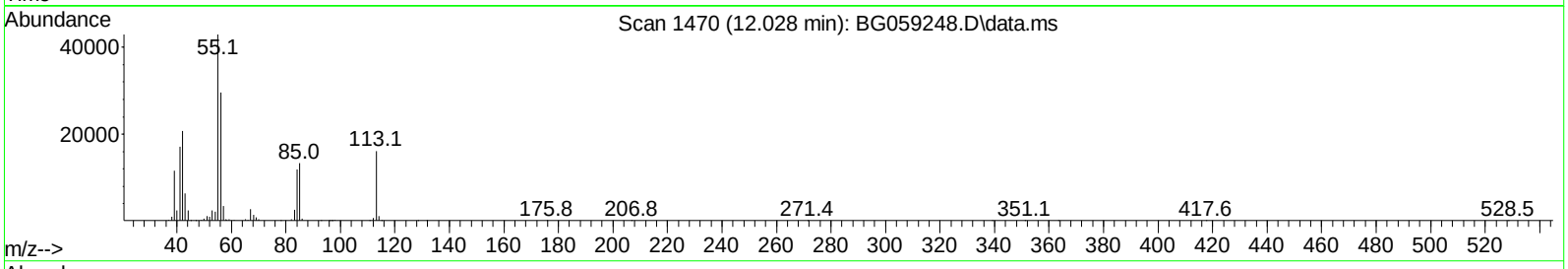

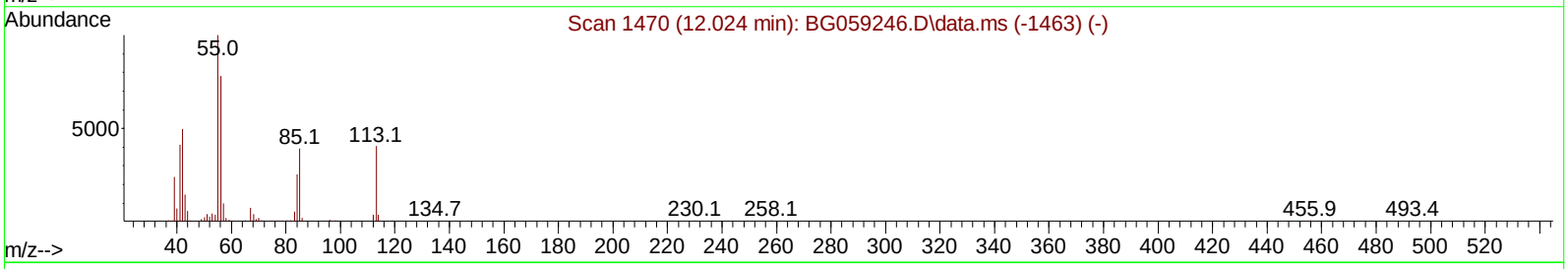

TIC: BG059248.D\data.ms

(34) Caprolactam

12.028min (+ 0.001) 39.72 ng/ul m

response 42188

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	266.07
56.00	209.90	183.25
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.233	152	45544	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	217005	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	138471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.616	188	309769	20.000	ng/ul	0.00
79) Chrysene-d12	21.917	240	285967	20.000	ng/ul	0.00
88) Perylene-d12	25.395	264	334116	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	8654	7.171	ng/uL	0.00
4) Pyridine-d5	3.961	84	126504	35.929	ng/ul	0.00
7) Phenol-d5	7.357	99	177872	39.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.551	67	102175	35.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.751	132	123869	40.420	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	128118	36.356	ng/ul	0.00
21) Nitrobenzene-d5	9.431	128	64777	42.301	ng/ul	0.00
24) 2-Nitrophenol-d4	10.148	143	68505	45.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	128002	41.449	ng/ul	0.00
31) 4-Chloroaniline-d4	11.217	131	182177	36.462	ng/ul	0.00
46) Dimethylphthalate-d6	14.261	166	391911	39.146	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	482707	38.413	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	69169	39.564	ng/ul	0.00
60) Fluorene-d10	15.853	176	361059	37.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.965	200	64314	40.391	ng/ul	0.00
73) Anthracene-d10	17.716	188	518281	36.719	ng/ul	0.00
81) Pyrene-d10	19.989	212	600551	37.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.154	264	632352	39.384	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.568	88	18580	13.105	ng/uL	87
5) Pyridine	3.985	79	118602	33.171	ng/ul	94
6) Benzaldehyde	7.381	77	91540	45.724	ng/ul	91
8) Phenol	7.387	94	177931	39.235	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.651	93	143886	38.685	ng/ul	93
12) 2-Chlorophenol	7.780	128	128724	39.839	ng/ul	91
13) 2-Methylphenol	8.662	108	127983	37.352	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.738	45	305057	37.100	ng/ul	99
16) Acetophenone	9.079	105	208170	38.142	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.043	70	102893	37.166	ng/ul	98
18) 4-Methylphenol	8.996	108	138844	38.245	ng/ul	90
19) Hexachloroethane	9.314	117	51526	40.478	ng/ul	94
22) Nitrobenzene	9.472	77	151340	40.036	ng/ul	93
23) Isophorone	9.978	82	314640	38.707	ng/ul	99
25) 2-Nitrophenol	10.183	139	73522	44.388	ng/ul	92
26) 2,4-Dimethylphenol	10.207	107	109662	30.963	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.465	93	199139	38.827	ng/ul	95
29) 2,4-Dichlorophenol	10.706	162	130594	42.542	ng/ul	98
30) Naphthalene	11.123	128	452160	38.861	ng/ul	95
32) 4-Chloroaniline	11.247	127	172634	36.132	ng/ul	99
33) Hexachlorobutadiene	11.352	225	84057	40.914	ng/ul	92
34) Caprolactam	12.028	113	42188m	39.719	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	138716	42.352	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.710	142	294110	38.586	ng/ul	96
37) 1-Methylnaphthalene	12.927	142	295667	38.219	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.056	216	155537	37.519	ng/ul	97
40) Hexachlorocyclopentadiene	13.009	237	76553	29.936	ng/ul	99
41) 2,4,6-Trichlorophenol	13.297	196	101702	40.070	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.374	196	113071	42.456	ng/ul	96
43) 1,1'-Biphenyl	13.703	154	424902	37.995	ng/ul	97
44) 2-Chloronaphthalene	13.756	162	321059	38.131	ng/ul	95
45) 2-Nitroaniline	13.979	65	106919	45.018	ng/ul	98
47) Dimethylphthalate	14.308	163	406703	39.662	ng/ul	98
48) 2,6-Dinitrotoluene	14.455	165	81037	46.464	ng/ul	88
50) Acenaphthylene	14.602	152	517394	38.574	ng/ul	99
51) 3-Nitroaniline	14.796	138	86636	46.016	ng/ul#	98
52) Acenaphthene	14.931	153	350744	38.096	ng/ul	97
53) 2,4-Dinitrophenol	14.989	184	35748	36.873	ng/ul#	86
55) 4-Nitrophenol	15.078	109	49407	40.063	ng/ul	88
56) Dibenzofuran	15.266	168	477920	39.161	ng/ul	99
57) 2,4-Dinitrotoluene	15.230	165	114598	44.376	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.471	232	101489	42.094	ng/ul	94
59) Diethylphthalate	15.659	149	390063	39.348	ng/ul	94
61) Fluorene	15.912	166	392308	38.285	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.894	204	200576	39.266	ng/ul	96
63) 4-Nitroaniline	15.959	138	87276	50.371	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.982	198	71582	42.636	ng/ul#	88
67) N-Nitrosodiphenylamine	16.112	169	329386	39.890	ng/ul	97
68) 4-Bromophenyl-phenylether	16.793	248	116902	38.955	ng/ul	98
69) Hexachlorobenzene	16.881	284	135846	40.069	ng/ul	99
70) Atrazine	17.046	200	107961	34.385	ng/ul	95
71) Pentachlorophenol	17.240	266	76590	39.253	ng/ul	88
72) Phenanthrene	17.657	178	668944	39.350	ng/ul	97
74) Anthracene	17.751	178	667808	38.044	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.662	216	156322	38.294	ng/uL	98
76) Pentachlorobenzene	15.154	250	151746	37.648	ng/uL	97
77) Carbazole	18.027	167	586831	41.018	ng/ul	95
78) Di-n-butylphthalate	18.532	149	699164	41.226	ng/ul	100
80) Fluoranthene	19.655	202	764980	38.776	ng/ul#	96
82) Pyrene	20.019	202	811060	38.813	ng/ul	99
83) Butylbenzylphthalate	20.871	149	310555	42.144	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.811	252	275589	41.613	ng/ul	98
85) Benzo(a)anthracene	21.893	228	790907	39.289	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.729	149	458467	40.972	ng/ul	97
87) Chrysene	21.964	228	751312	39.516	ng/ul	97
89) Di-n-octyl phthalate	23.021	149	783894	40.341	ng/ul	100
90) Benzo(b)fluoranthene	24.273	252	819719	40.057	ng/ul	98
91) Benzo(k)fluoranthene	24.343	252	821205	39.605	ng/ul	99
93) Benzo(a)pyrene	25.230	252	785181	40.446	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.414	276	869452	39.565	ng/ul	100
95) Dibenzo(a,h)anthracene	29.490	278	716690	40.104	ng/ul	99
96) Benzo(g,h,i)perylene	30.706	276	704317	39.418	ng/ul	96

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

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