Quantitation Report (Qedit)

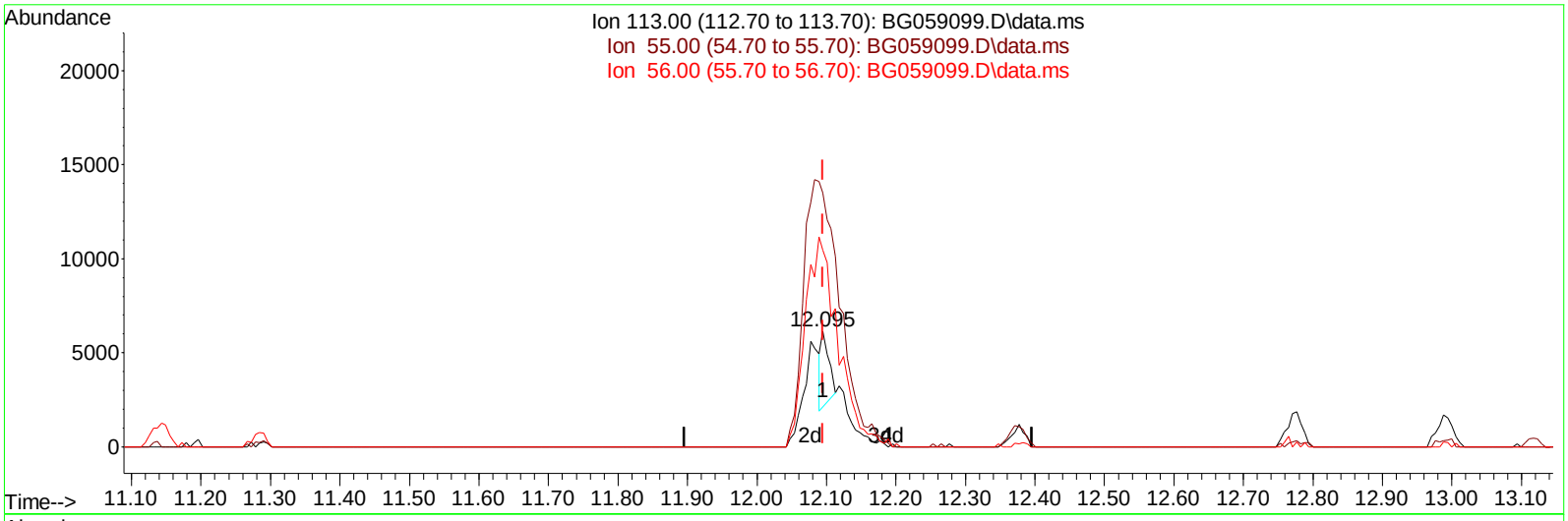
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059099.D
Acq On : 19 Sep 2023 21:47
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

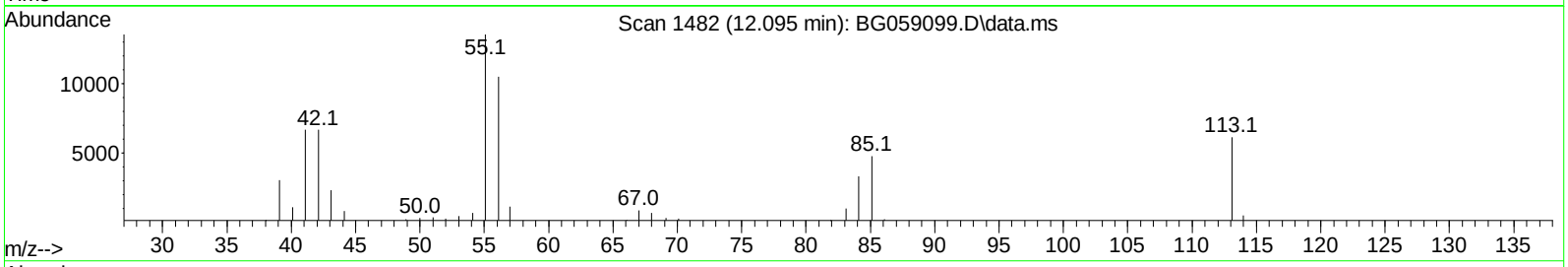
Quant Time: Sep 20 04:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

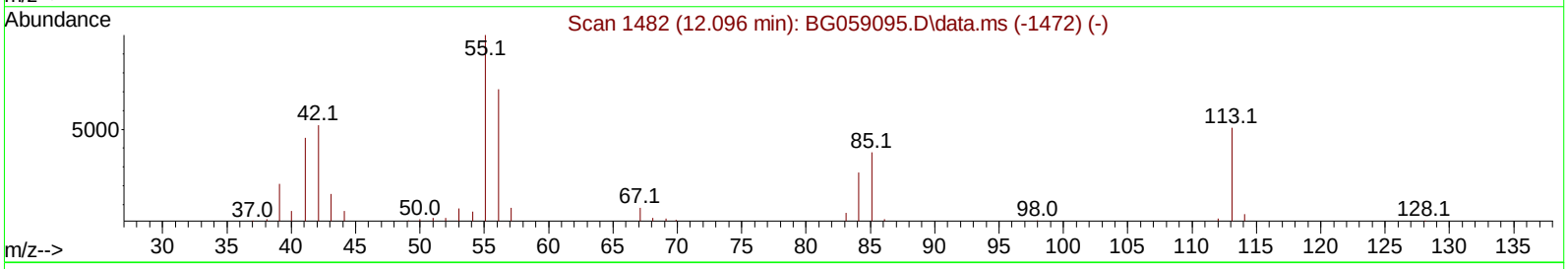
Instrument :
BNA_G
ClientSampleId :
SICV434

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059099.D\data.ms

(34) Caprolactam

12.095min (-0.001) 3.56 ng/ul

response 3065

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	219.98
56.00	140.40	170.39#
0.00	0.00	0.00

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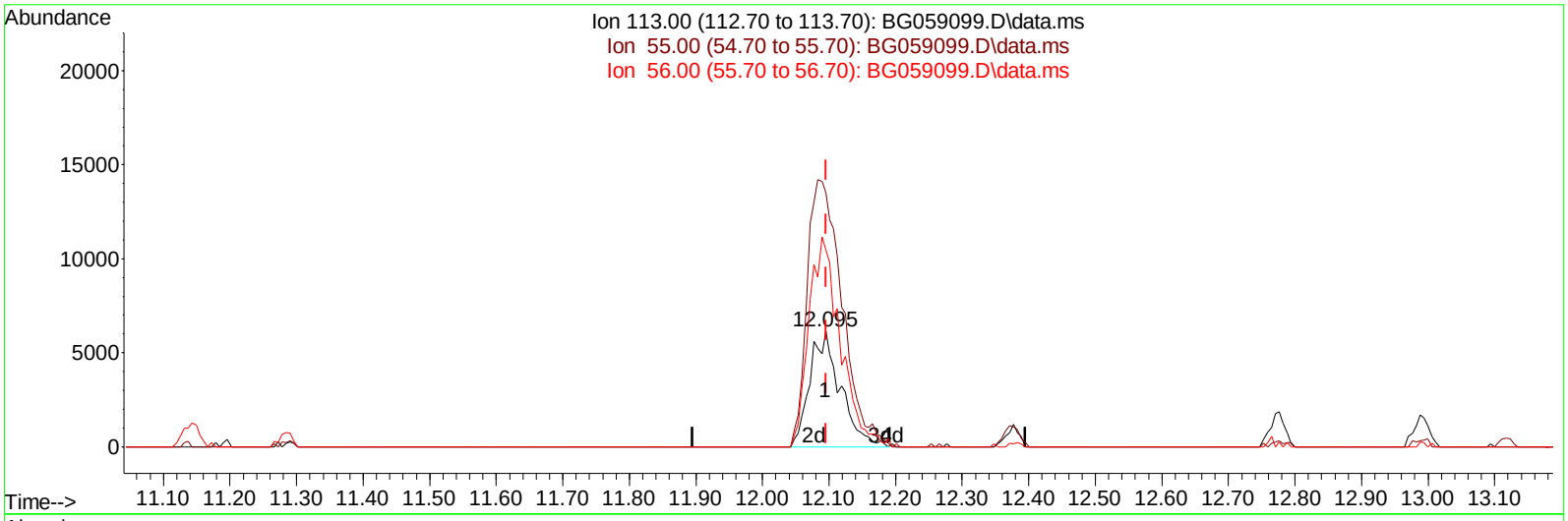

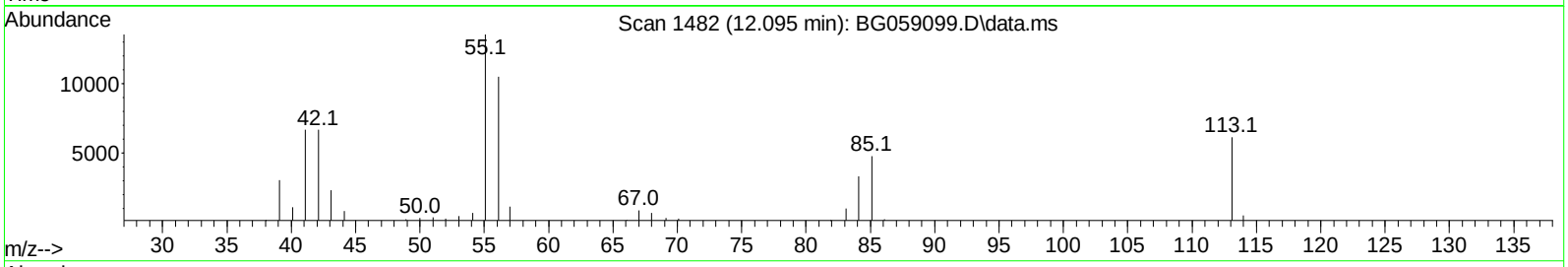

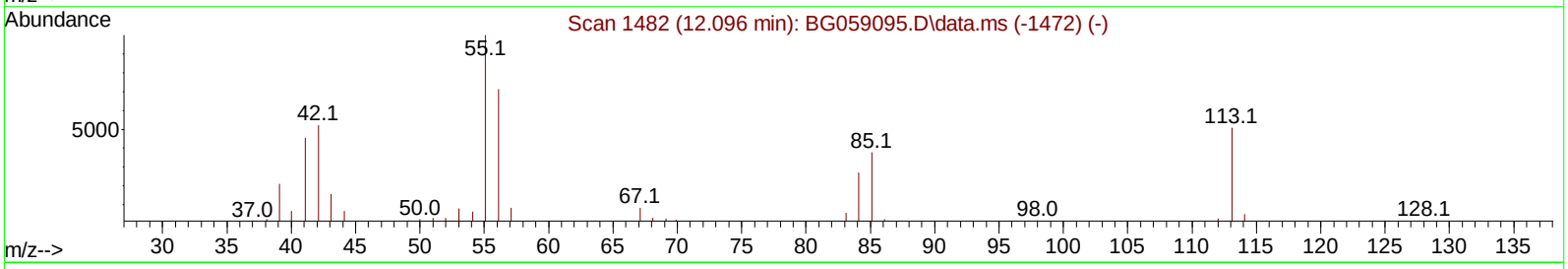

TIC: BG059099.D\data.ms

(34) Caprolactam

12.095min (-0.001) 22.81 ng/ul m

response 19634

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	219.98
56.00	140.40	170.39#
0.00	0.00	0.00

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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	8.299	152	33043	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	157108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	105157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	240907	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	209589	20.000	ng/ul	0.00
88) Perylene-d12	25.544	264	244455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	6257	7.412	ng/uL	0.00
4) Pyridine-d5	4.040	84	49617	20.034	ng/ul	0.00
7) Phenol-d5	7.406	99	65579	20.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	40295	20.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	49568	20.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	53358	20.620	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	27740	22.882	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	28075	22.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	51531	22.164	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	78833	21.724	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	176831	21.865	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	206409	20.961	ng/ul	0.00
54) 4-Nitrophenol-d4	15.097	143	31774	21.534	ng/ul	0.00
60) Fluorene-d10	15.914	176	155432	20.996	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	29498	21.537	ng/ul	0.00
73) Anthracene-d10	17.777	188	236464	21.572	ng/ul	0.00
81) Pyrene-d10	20.045	212	268850	21.946	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	259041	21.702	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	7709	8.076	ng/uL	94
5) Pyridine	4.063	79	50588	20.046	ng/ul	92
6) Benzaldehyde	7.442	77	38180	22.663	ng/ul	95
8) Phenol	7.442	94	68488	20.508	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.712	93	56986	21.254	ng/ul	98
12) 2-Chlorophenol	7.847	128	50617	20.691	ng/ul#	94
13) 2-Methylphenol	8.717	108	51509	20.784	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.816	45	114836	20.629	ng/ul	98
16) Acetophenone	9.140	105	81845	20.545	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.104	70	39590	19.659	ng/ul	98
18) 4-Methylphenol	9.046	108	55108	20.749	ng/ul	99
19) Hexachloroethane	9.386	117	20497	21.311	ng/ul	86
22) Nitrobenzene	9.539	77	58641	21.361	ng/ul	94
23) Isophorone	10.044	82	126804	21.540	ng/ul	95
25) 2-Nitrophenol	10.250	139	30087	21.984	ng/ul	98
26) 2,4-Dimethylphenol	10.268	107	55145	21.551	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.526	93	80033	21.852	ng/ul	98
29) 2,4-Dichlorophenol	10.767	162	52781	22.457	ng/ul	92
30) Naphthalene	11.196	128	184663	21.965	ng/ul	99
32) 4-Chloroaniline	11.308	127	76276	21.353	ng/ul	100
33) Hexachlorobutadiene	11.425	225	34291	22.668	ng/ul	93
34) Caprolactam	12.095	113	19634m	22.811	ng/ul	
35) 4-Chloro-3-methylphenol	12.377	107	54543	22.032	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.771	142	124292	22.136	ng/ul	99
37) 1-Methylnaphthalene	12.994	142	123540	21.781	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.117	216	66798	21.668	ng/ul	97
40) Hexachlorocyclopentadiene	13.070	237	40721	20.719	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.358	196	43161	21.440	ng/ul	96
42) 2,4,5-Trichlorophenol	13.423	196	45239	20.775	ng/ul	96
43) 1,1'-Biphenyl	13.764	154	177262	21.119	ng/ul	94
44) 2-Chloronaphthalene	13.817	162	132057	20.605	ng/ul	95
45) 2-Nitroaniline	14.028	65	43029	21.181	ng/ul	97
47) Dimethylphthalate	14.369	163	175259	21.217	ng/ul	99
48) 2,6-Dinitrotoluene	14.510	165	34963	22.905	ng/ul#	89
50) Acenaphthylene	14.657	152	219600	20.878	ng/ul	98
51) 3-Nitroaniline	14.845	138	36815	21.859	ng/ul	92
52) Acenaphthene	14.992	153	150103	21.044	ng/ul	99
53) 2,4-Dinitrophenol	15.039	184	19942	21.682	ng/ul	90
55) 4-Nitrophenol	15.115	109	21565	22.114	ng/ul	86
56) Dibenzofuran	15.321	168	200826	21.227	ng/ul	100
57) 2,4-Dinitrotoluene	15.285	165	48450	22.016	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.526	232	44204	21.931	ng/ul#	89
59) Diethylphthalate	15.714	149	172474	21.190	ng/ul	96
61) Fluorene	15.973	166	169112	20.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.955	204	86880	21.669	ng/ul	92
63) 4-Nitroaniline	16.008	138	34322	21.984	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.037	198	31602	21.407	ng/ul#	97
67) N-Nitrosodiphenylamine	16.173	169	139740	21.787	ng/ul	97
68) 4-Bromophenyl-phenylether	16.854	248	52341	22.331	ng/ul	96
69) Hexachlorobenzene	16.942	284	57695	21.490	ng/ul	96
70) Atrazine	17.107	200	57595	22.568	ng/ul	97
71) Pentachlorophenol	17.295	266	36561	20.966	ng/ul	94
72) Phenanthrene	17.718	178	289114	21.445	ng/ul	98
74) Anthracene	17.812	178	299948	21.775	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	70967	22.096	ng/uL	89
76) Pentachlorobenzene	15.215	250	63976	21.535	ng/uL	90
77) Carbazole	18.088	167	250164	21.844	ng/ul	98
78) Di-n-butylphthalate	18.593	149	300436	21.295	ng/ul	99
80) Fluoranthene	19.710	202	332387	21.773	ng/ul	99
82) Pyrene	20.080	202	348856	21.908	ng/ul	98
83) Butylbenzylphthalate	20.938	149	123834	21.530	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.884	252	114211	22.550	ng/ul	99
85) Benzo(a)anthracene	21.978	228	326271	21.442	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.813	149	189228	21.989	ng/ul	99
87) Chrysene	22.048	228	306040	21.566	ng/ul	98
89) Di-n-octyl phthalate	23.135	149	319950	21.408	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	326139	21.895	ng/ul	97
91) Benzo(k)fluoranthene	24.475	252	333892	21.619	ng/ul	99
93) Benzo(a)pyrene	25.374	252	312394	21.821	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.651	276	340655	20.923	ng/ul	98
95) Dibenzo(a,h)anthracene	29.733	278	268635	20.531	ng/ul	97
96) Benzo(g,h,i)perylene	30.955	276	279131	21.283	ng/ul	97

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

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