Quantitation Report (Qedit)

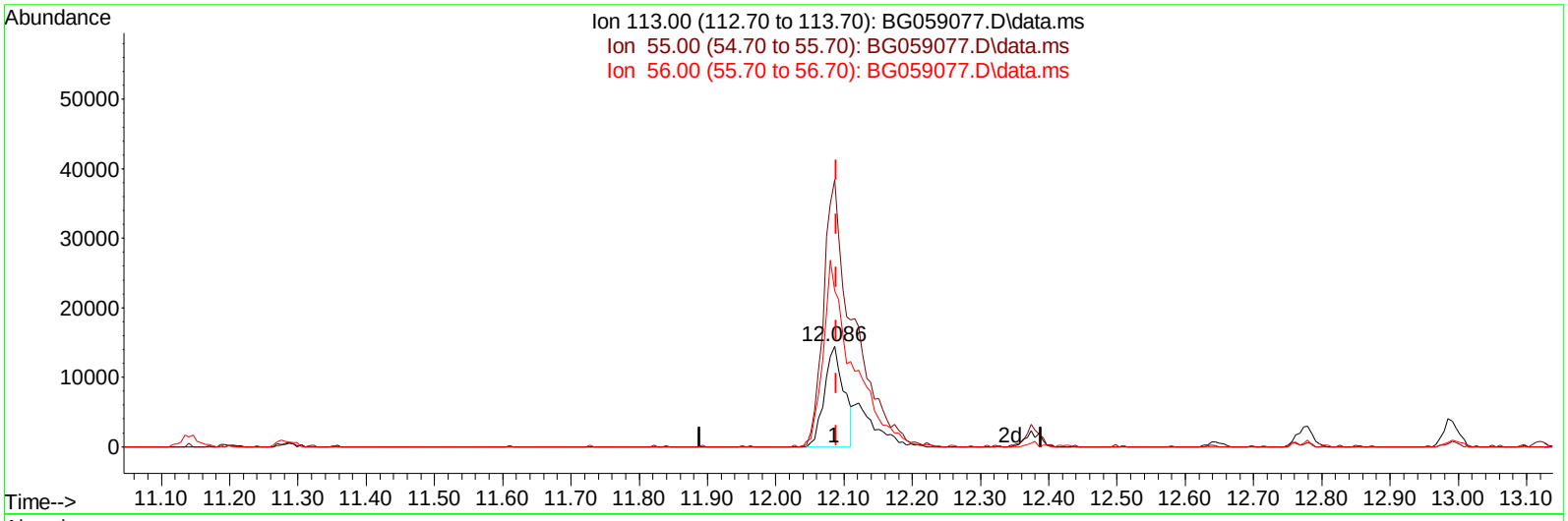
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059077.D
Acq On : 15 Sep 2023 21:43
Operator : MA/JU
Sample : PB155303BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

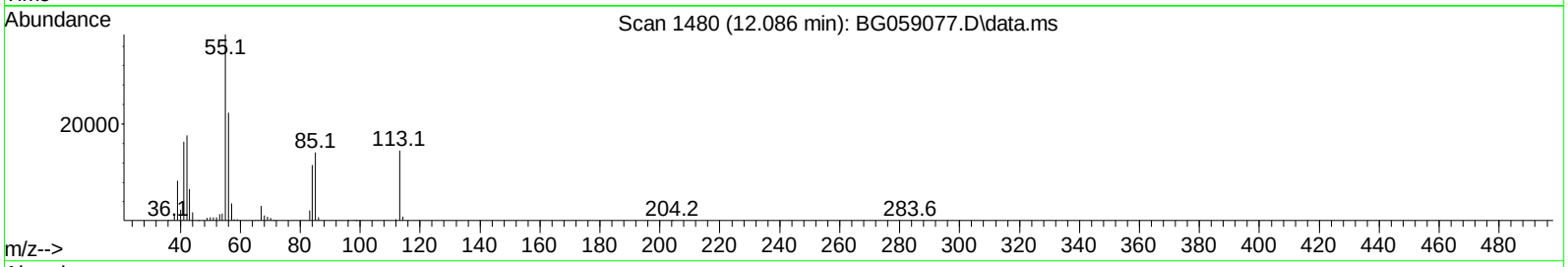
Quant Time: Sep 16 04:37:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:35:53 2023
Response via : Initial Calibration

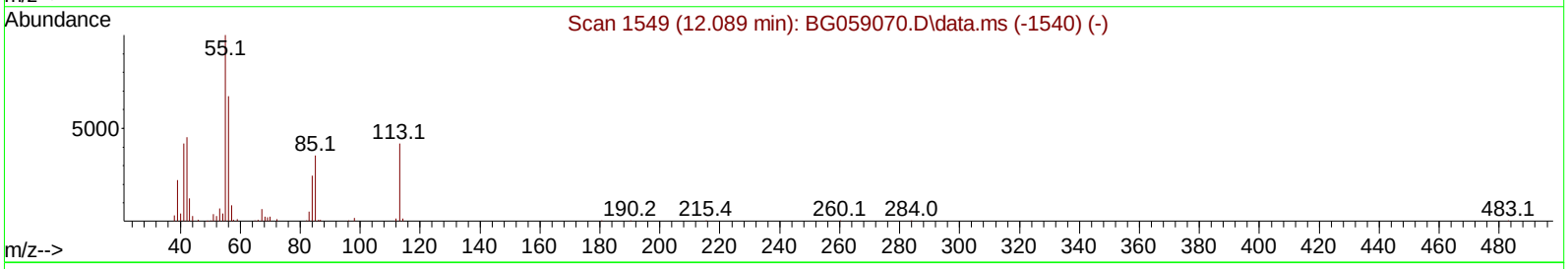
Instrument :
BNA_G
ClientSampleId :
SLCS303

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023







TIC: BG059077.D\data.ms

(34) Caprolactam

12.086min (-0.003) 26.92 ng/ul

response 28759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	265.07
56.00	161.00	154.42
0.00	0.00	0.00

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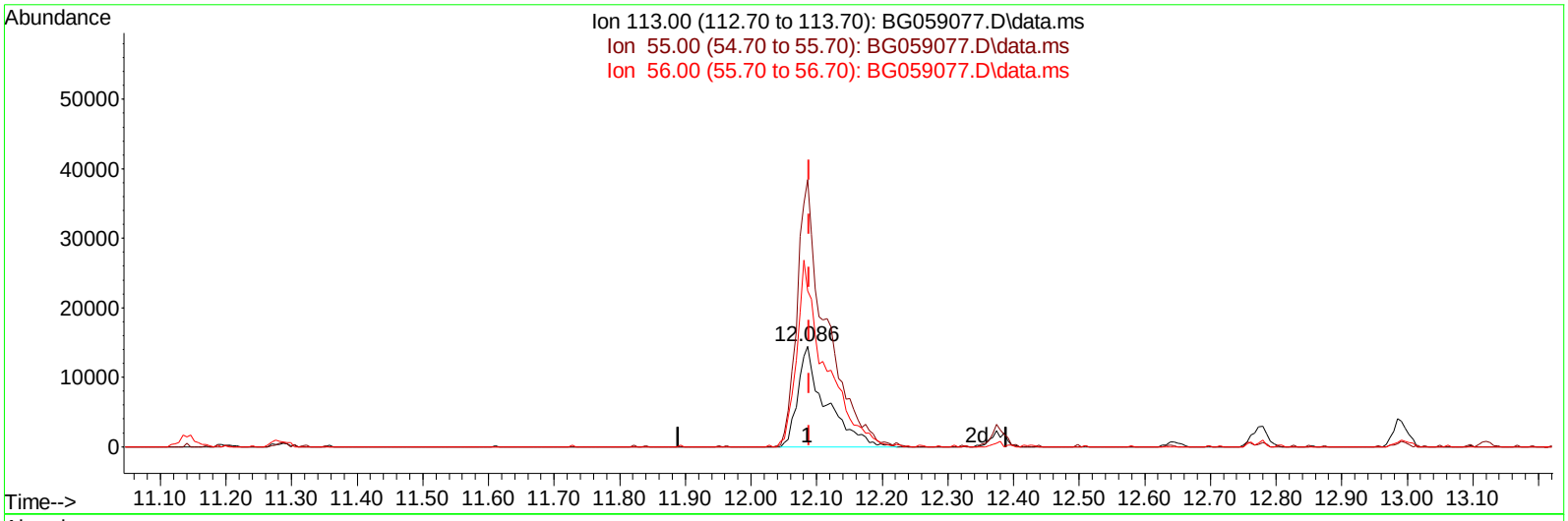

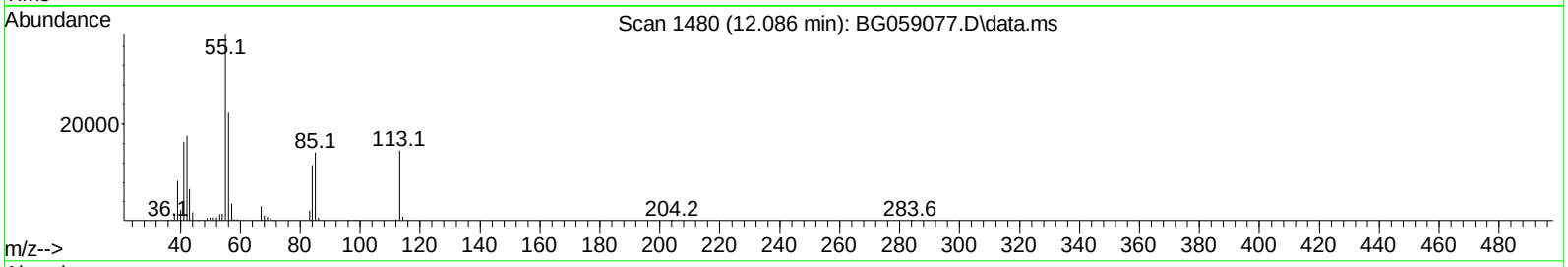

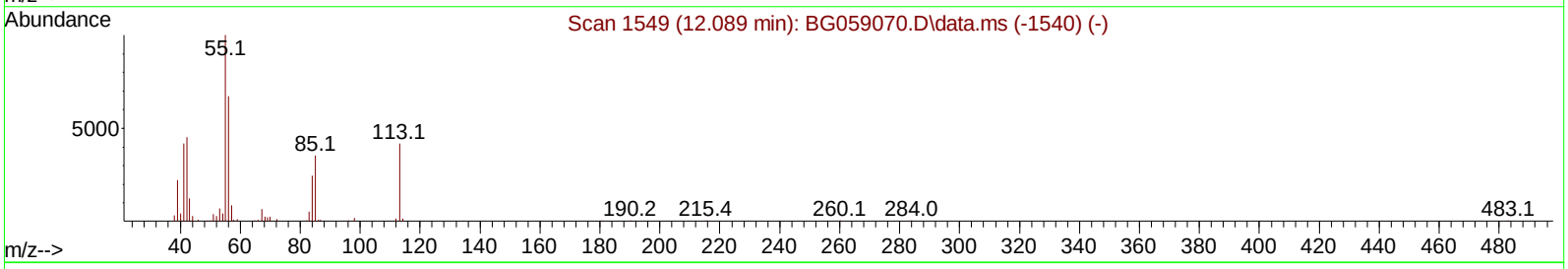

TIC: BG059077.D\data.ms

(34) Caprolactam

12.086min (-0.003) 40.30 ng/ul m

response 43055

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	265.07
56.00	161.00	154.42
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	8.296	152	33204	20.000	ng/ul	0.00
20) Naphthalene-d8	11.140	136	175319	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.930	164	119050	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.680	188	263081	20.000	ng/ul	0.00
79) Chrysene-d12	22.004	240	238397	20.000	ng/ul	0.00
88) Perylene-d12	25.559	264	280944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	4023	5.734	ng/uL	0.00
4) Pyridine-d5	4.037	84	61736	25.120	ng/ul	0.00
7) Phenol-d5	7.409	99	132737	40.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.615	67	76097	37.639	ng/ul	0.00
11) 2-Chlorophenol-d4	7.815	132	93578	38.025	ng/ul	0.00
15) 4-Methylphenol-d8	8.978	113	106504	39.660	ng/ul	0.00
21) Nitrobenzene-d5	9.495	128	49871	35.144	ng/ul	0.00
24) 2-Nitrophenol-d4	10.212	143	55494	38.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.735	165	106103	38.480	ng/ul	0.00
31) 4-Chloroaniline-d4	11.281	131	136817	31.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.325	166	354166	38.779	ng/ul	0.00
49) Acenaphthylene-d8	14.630	160	368367	37.391	ng/ul	0.00
54) 4-Nitrophenol-d4	15.100	143	70133	38.945	ng/ul	0.00
60) Fluorene-d10	15.917	176	293488	37.277	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.023	200	61014	40.297	ng/ul	0.00
73) Anthracene-d10	17.779	188	470066	39.158	ng/ul	0.00
81) Pyrene-d10	20.047	212	530600	39.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.306	264	540129	38.955	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.643	88	10323	10.438	ng/uL	96
5) Pyridine	4.060	79	60047	24.249	ng/ul	97
6) Benzaldehyde	7.439	77	63403	36.686	ng/ul#	81
8) Phenol	7.439	94	135151	39.572	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.709	93	100004	38.177	ng/ul#	95
12) 2-Chlorophenol	7.844	128	102488	40.797	ng/ul	96
13) 2-Methylphenol	8.714	108	110698	40.017	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.808	45	209138	37.481	ng/ul	98
16) Acetophenone	9.137	105	172478	38.942	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.107	70	85291	37.154	ng/ul	94
18) 4-Methylphenol	9.048	108	123309	40.171	ng/ul	99
19) Hexachloroethane	9.383	117	36782	36.418	ng/ul	92
22) Nitrobenzene	9.536	77	124140	35.476	ng/ul	95
23) Isophorone	10.047	82	265053	37.520	ng/ul	99
25) 2-Nitrophenol	10.241	139	61389	38.711	ng/ul	98
26) 2,4-Dimethylphenol	10.265	107	120050	37.498	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.529	93	148249	36.449	ng/ul#	91
29) 2,4-Dichlorophenol	10.764	162	108148	39.081	ng/ul	99
30) Naphthalene	11.193	128	365148	38.413	ng/ul	98
32) 4-Chloroaniline	11.311	127	119495	28.891	ng/ul	98
33) Hexachlorobutadiene	11.422	225	57919	36.930	ng/ul	96
34) Caprolactam	12.086	113	43055m	40.303	ng/ul	
35) 4-Chloro-3-methylphenol	12.380	107	128068	38.370	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.774	142	241327	37.228	ng/ul	98
37) 1-Methylnaphthalene	12.991	142	235688	35.463	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.114	216	112255	36.562	ng/ul	92
40) Hexachlorocyclopentadiene	13.073	237	65714	35.075	ng/ul	96
41) 2,4,6-Trichlorophenol	13.355	196	83911	36.467	ng/ul	97
42) 2,4,5-Trichlorophenol	13.426	196	93270	37.016	ng/ul	96
43) 1,1'-Biphenyl	13.767	154	323947	38.196	ng/ul	98
44) 2-Chloronaphthalene	13.819	162	272228	38.676	ng/ul	98
45) 2-Nitroaniline	14.031	65	97967	39.475	ng/ul	98
47) Dimethylphthalate	14.372	163	365355	39.288	ng/ul	98
48) 2,6-Dinitrotoluene	14.513	165	74417	40.456	ng/ul	95
50) Acenaphthylene	14.660	152	433759	36.985	ng/ul	97
51) 3-Nitroaniline	14.848	138	82355	43.224	ng/ul	98
52) Acenaphthene	14.994	153	291681	38.279	ng/ul	97
53) 2,4-Dinitrophenol	15.047	184	42772	42.285	ng/ul	93
55) 4-Nitrophenol	15.118	109	53307	40.505	ng/ul	95
56) Dibenzofuran	15.323	168	416989	37.947	ng/ul	100
57) 2,4-Dinitrotoluene	15.288	165	110804	41.746	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.529	232	77435	34.770	ng/ul	98
59) Diethylphthalate	15.717	149	367982	39.026	ng/ul	97
61) Fluorene	15.970	166	366915	39.372	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.952	204	157230	36.919	ng/ul	91
63) 4-Nitroaniline	16.011	138	91644	50.843	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.040	198	65241	40.124	ng/ul	97
67) N-Nitrosodiphenylamine	16.175	169	307488	39.456	ng/ul	100
68) 4-Bromophenyl-phenylether	16.857	248	100459	38.568	ng/ul	94
69) Hexachlorobenzene	16.945	284	117117	39.784	ng/ul	98
70) Atrazine	17.104	200	27616	9.945	ng/ul	93
71) Pentachlorophenol	17.298	266	67469	36.103	ng/ul	94
72) Phenanthrene	17.721	178	585998	39.970	ng/ul	99
74) Anthracene	17.815	178	599344	39.532	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.725	216	11604	3.674	ng/uL	93
76) Pentachlorobenzene	15.218	250	128614	42.100	ng/uL	94
77) Carbazole	18.091	167	568757	41.569	ng/ul	98
78) Di-n-butylphthalate	18.596	149	679651	38.260	ng/ul	98
80) Fluoranthene	19.712	202	679160	39.796	ng/ul	99
82) Pyrene	20.083	202	708329	39.698	ng/ul	96
83) Butylbenzylphthalate	20.940	149	296384	40.743	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.892	252	248944	43.552	ng/ul	98
85) Benzo(a)anthracene	21.980	228	681655	39.767	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.816	149	445048	39.982	ng/ul	96
87) Chrysene	22.051	228	643629	40.881	ng/ul	99
89) Di-n-octyl phthalate	23.144	149	762321	39.569	ng/ul	100
90) Benzo(b)fluoranthene	24.401	252	713977	40.871	ng/ul	98
91) Benzo(k)fluoranthene	24.483	252	700741	39.783	ng/ul	100
93) Benzo(a)pyrene	25.382	252	635428	38.444	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.666	276	757200	40.702	ng/ul	97
95) Dibenzo(a,h)anthracene	29.748	278	617996	41.660	ng/ul	98
96) Benzo(g,h,i)perylene	30.976	276	613785	40.484	ng/ul	99

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

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