Quantitation Report (Qedit)

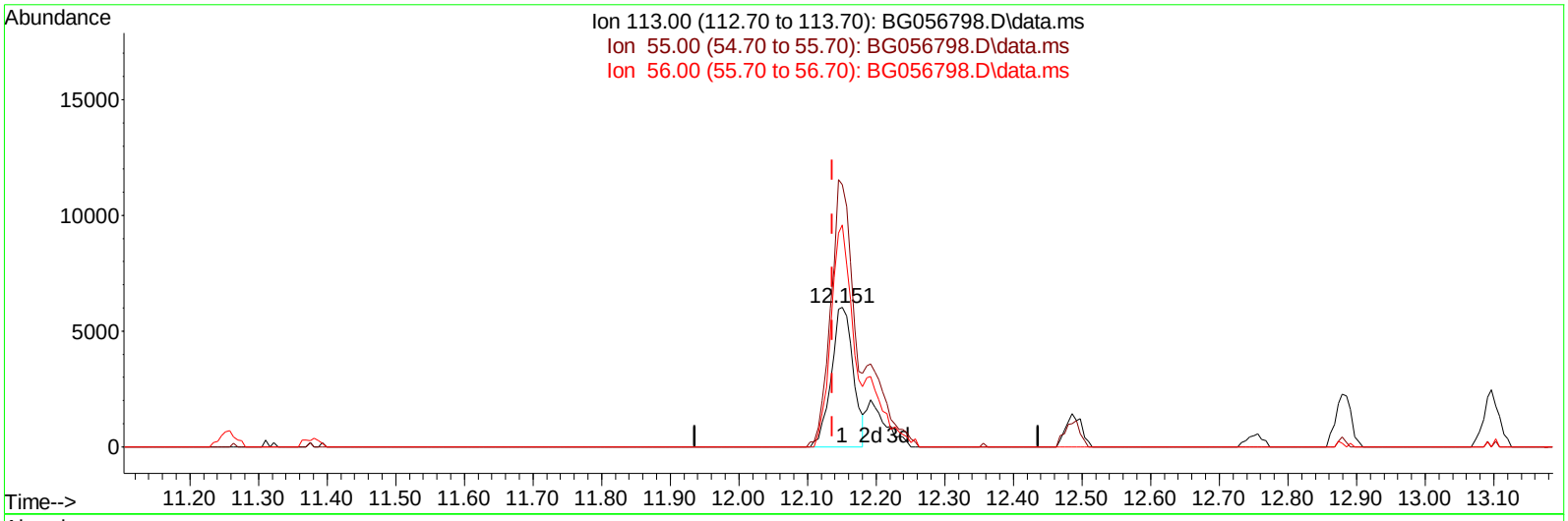
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056798.D
Acq On : 2 Mar 2023 20:12
Operator : CG/JU
Sample : 01710-12MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

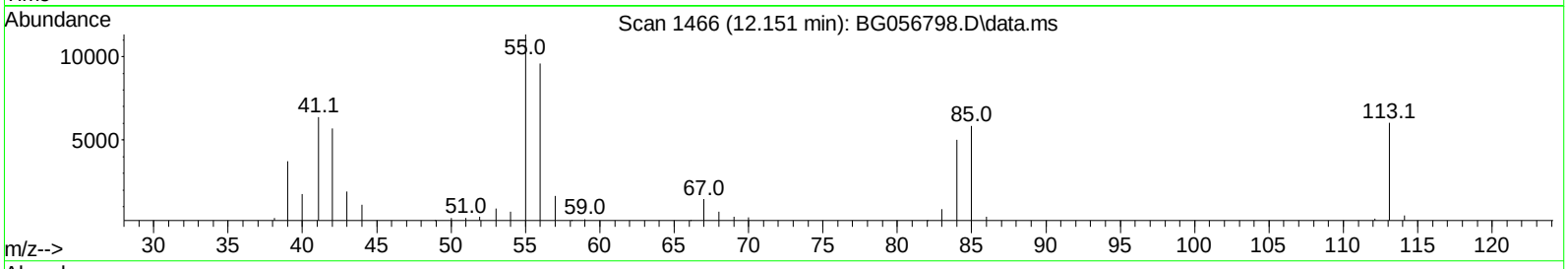
Quant Time: Mar 03 01:00:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

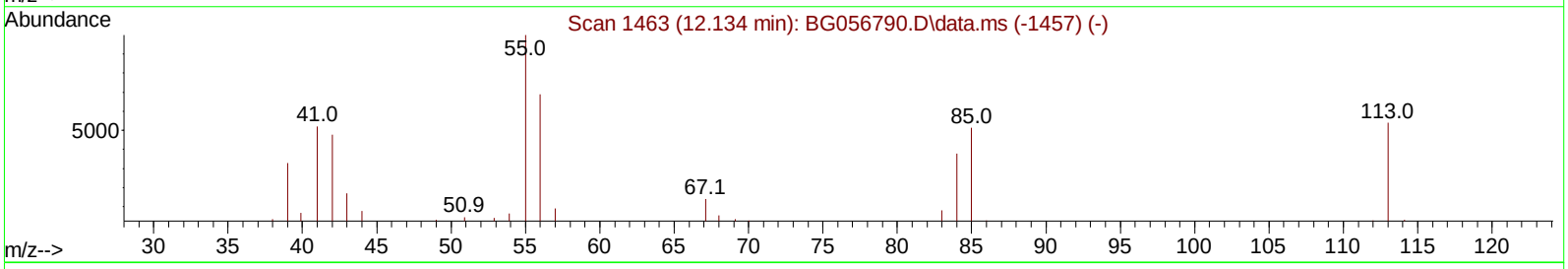
Instrument :
BNA_G
ClientSampleId :
DBAB0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023







TIC: BG056798.D\data.ms

(34) Caprolactam

12.151min (+ 0.014) 31.61 ng/ul

response 13335

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	187.78
56.00	141.90	158.96
0.00	0.00	0.00

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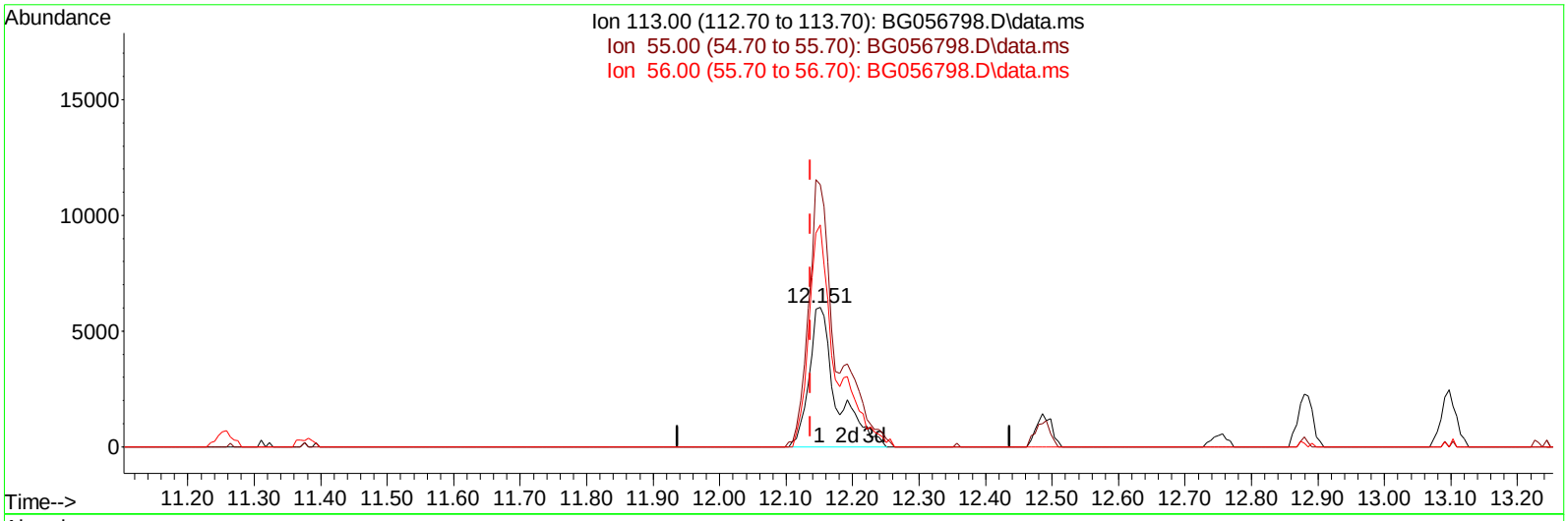

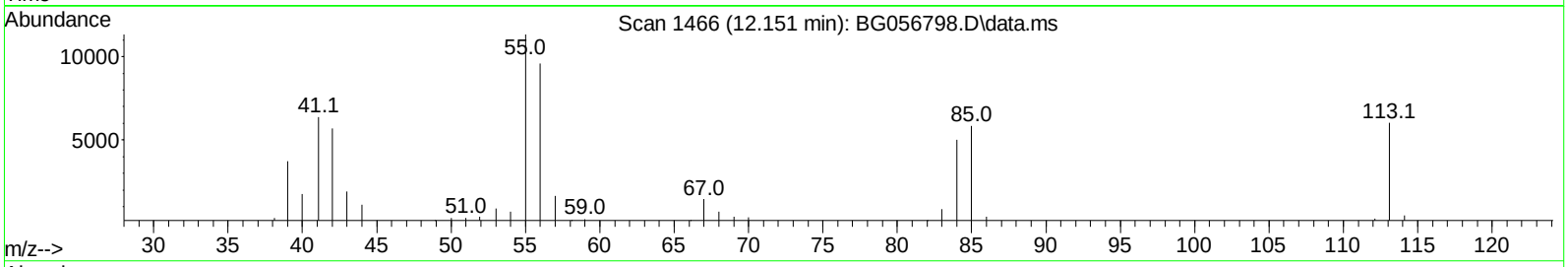

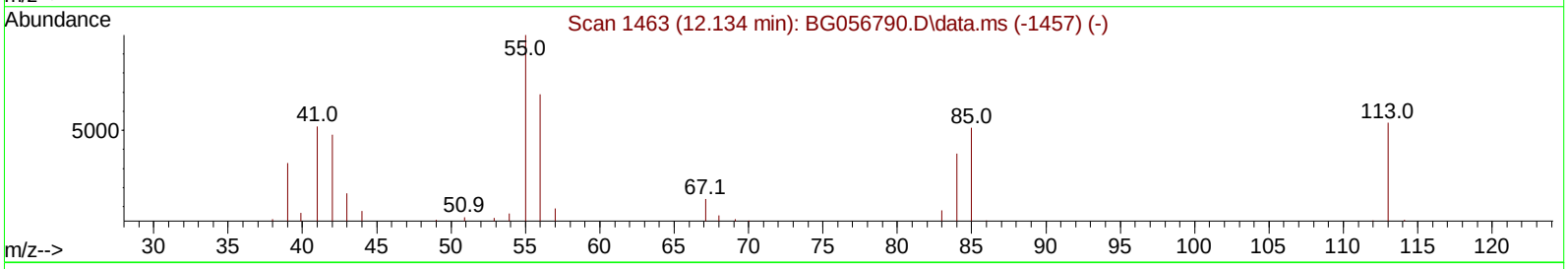

TIC: BG056798.D\data.ms

(34) Caprolactam

12.151min (+ 0.014) 40.86 ng/ul m

response 17233

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	187.78
56.00	141.90	158.96
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	8.420	152	16290	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	68177	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.024	164	53480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.756	188	129204	20.000	ng/ul	0.00
79) Chrysene-d12	22.069	240	119798	20.000	ng/ul	0.00
88) Perylene-d12	25.588	264	130431	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.702	96	2146	7.308	ng/uL	0.00
4) Pyridine-d5	4.137	84	21619	18.239	ng/ul	0.00
7) Phenol-d5	7.539	99	57355	35.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	34090	34.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	38084	35.180	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	42933	34.469	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	20907	36.592	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	25596	37.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	50209	39.187	ng/ul	0.00
31) 4-Chloroaniline-d4	11.375	131	47151	28.215	ng/ul	0.00
46) Dimethylphthalate-d6	14.407	166	160438	37.182	ng/ul	0.00
49) Acenaphthylene-d8	14.724	160	184786	37.680	ng/ul	0.00
54) 4-Nitrophenol-d4	15.188	143	24603	33.071	ng/ul	0.00
60) Fluorene-d10	16.005	176	147060	36.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.111	200	33760	39.055	ng/ul	0.00
73) Anthracene-d10	17.856	188	225608	35.993	ng/ul	0.00
81) Pyrene-d10	20.112	212	272628	33.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.347	264	266886	37.909	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.737	88	5641	15.580	ng/uL	89
5) Pyridine	4.160	79	29326	23.362	ng/ul	86
6) Benzaldehyde	7.539	77	41808	48.954	ng/ul	97
8) Phenol	7.568	94	66989	40.288	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.815	93	45104	38.178	ng/ul	99
12) 2-Chlorophenol	7.973	128	40711	37.975	ng/ul	91
13) 2-Methylphenol	8.843	108	48089	38.343	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.937	45	60938	38.385	ng/ul	99
16) Acetophenone	9.242	105	86360	40.488	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.225	70	47347	38.687	ng/ul	95
18) 4-Methylphenol	9.172	108	53535	39.283	ng/ul	99
19) Hexachloroethane	9.519	117	17319	37.990	ng/ul#	87
22) Nitrobenzene	9.636	77	72795	43.937	ng/ul	99
23) Isophorone	10.159	82	130834	40.392	ng/ul	97
25) 2-Nitrophenol	10.353	139	27294	40.656	ng/ul#	87
26) 2,4-Dimethylphenol	10.388	107	59829	39.905	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.635	93	66663	40.717	ng/ul	96
29) 2,4-Dichlorophenol	10.888	162	53609	43.208	ng/ul	99
30) Naphthalene	11.311	128	151623	40.404	ng/ul	97
32) 4-Chloroaniline	11.405	127	53545	32.346	ng/ul	92
33) Hexachlorobutadiene	11.587	225	42627	43.108	ng/ul	97
34) Caprolactam	12.151	113	17233m	40.856	ng/ul	
35) 4-Chloro-3-methylphenol	12.486	107	59957	42.064	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.879	142	109616	40.786 ng/ul	98
37) 1-Methylnaphthalene	13.097	142	114268	43.122 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.238	216	82842	43.691 ng/ul	98
40) Hexachlorocyclopentadiene	13.214	237	51755	38.093 ng/ul	95
41) 2,4,6-Trichlorophenol	13.467	196	55708	43.971 ng/ul	97
42) 2,4,5-Trichlorophenol	13.537	196	61351	44.597 ng/ul	91
43) 1,1'-Biphenyl	13.861	154	160987	40.936 ng/ul	97
44) 2-Chloronaphthalene	13.913	162	134464	41.325 ng/ul	94
45) 2-Nitroaniline	14.102	65	48662	43.087 ng/ul	92
47) Dimethylphthalate	14.460	163	180090	41.041 ng/ul#	99
48) 2,6-Dinitrotoluene	14.583	165	38139	42.400 ng/ul	89
50) Acenaphthylene	14.754	152	199888	40.347 ng/ul	98
51) 3-Nitroaniline	14.912	138	31900	39.625 ng/ul#	99
52) Acenaphthene	15.089	153	138931	40.821 ng/ul	97
53) 2,4-Dinitrophenol	15.112	184	25492	44.238 ng/ul#	87
55) 4-Nitrophenol	15.200	109	36775	42.706 ng/ul	95
56) Dibenzofuran	15.418	168	207510	40.165 ng/ul	96
57) 2,4-Dinitrotoluene	15.365	165	53815	41.731 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.635	232	54054	42.223 ng/ul	97
59) Diethylphthalate	15.805	149	174942	39.829 ng/ul	99
61) Fluorene	16.064	166	167911	40.589 ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.040	204	102605	41.874 ng/ul	99
63) 4-Nitroaniline	16.070	138	32619	41.469 ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.123	198	35456	42.605 ng/ul	96
67) N-Nitrosodiphenylamine	16.252	169	148042	41.204 ng/ul	99
68) 4-Bromophenyl-phenylether	16.933	248	69261	42.300 ng/ul	97
69) Hexachlorobenzene	17.063	284	75974	43.190 ng/ul	95
70) Atrazine	17.186	200	63557	40.730 ng/ul	100
71) Pentachlorophenol	17.398	266	40946	40.993 ng/ul	99
72) Phenanthrene	17.797	178	289210	41.323 ng/ul	98
74) Anthracene	17.891	178	280834	39.707 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.837	216	87100	44.066 ng/uL	97
76) Pentachlorobenzene	15.335	250	87065	43.430 ng/uL	95
77) Carbazole	18.150	167	242694	41.011 ng/ul	99
78) Di-n-butylphthalate	18.678	149	279032	40.911 ng/ul	99
80) Fluoranthene	19.783	202	363276	37.062 ng/ul#	97
82) Pyrene	20.141	202	350424	36.289 ng/ul	99
83) Butylbenzylphthalate	20.999	149	121720	39.734 ng/ul	90
84) 3,3'-Dichlorobenzidine	21.939	252	79782	26.562 ng/ul	95
85) Benzo(a)anthracene	22.045	228	361033	41.407 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.904	149	177069	41.147 ng/ul	99
87) Chrysene	22.116	228	337417	41.550 ng/ul	98
89) Di-n-octyl phthalate	23.220	149	299243	42.201 ng/ul	100
90) Benzo(b)fluoranthene	24.460	252	375585	43.014 ng/ul	99
91) Benzo(k)fluoranthene	24.542	252	351861	41.372 ng/ul	98
93) Benzo(a)pyrene	25.424	252	315032	41.046 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.666	276	448710	43.036 ng/ul	96
95) Dibenzo(a,h)anthracene	29.730	278	371641	42.631 ng/ul	95
96) Benzo(g,h,i)perylene	30.941	276	345783	41.518 ng/ul	96

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

Instrument :
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