Quantitation Report (Qedit)

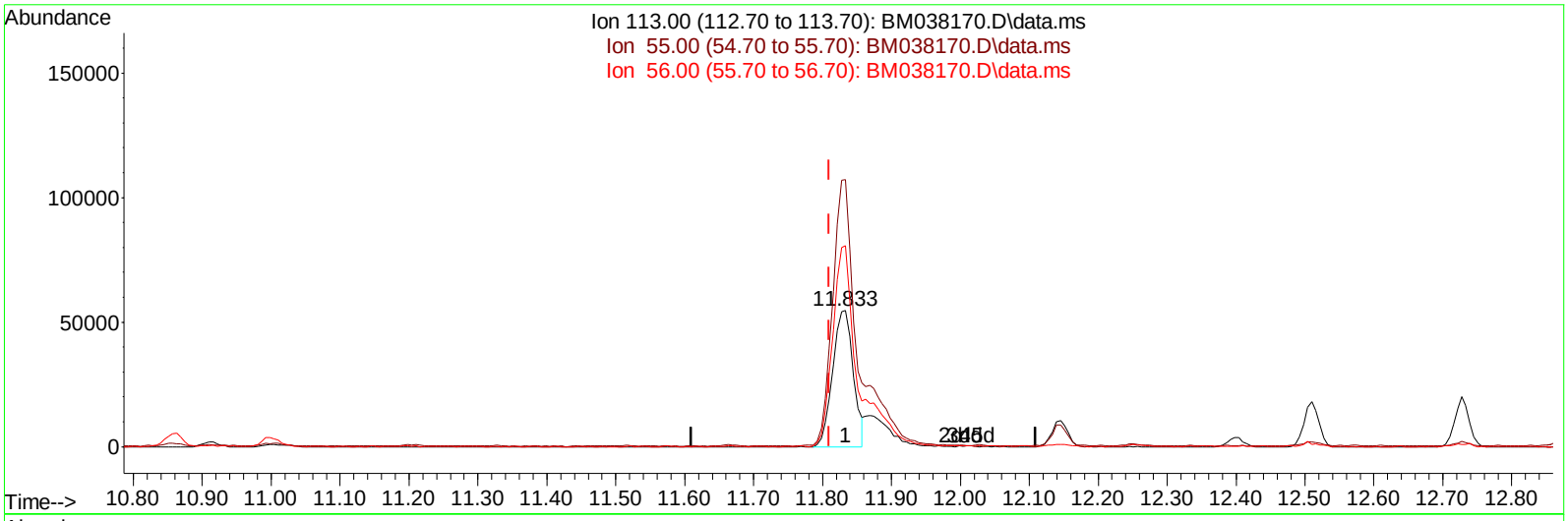
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038170.D
Acq On : 21 Dec 2022 13:59
Operator : CG/JU
Sample : N6014-16MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

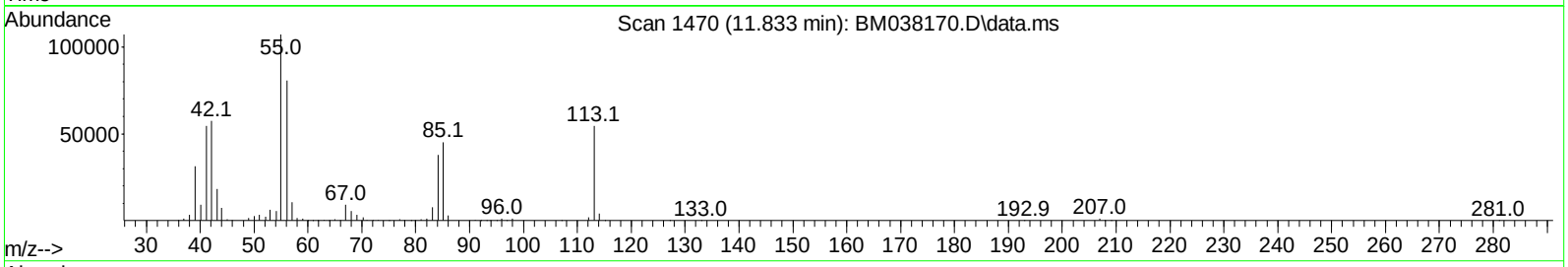
Quant Time: Dec 21 23:31:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

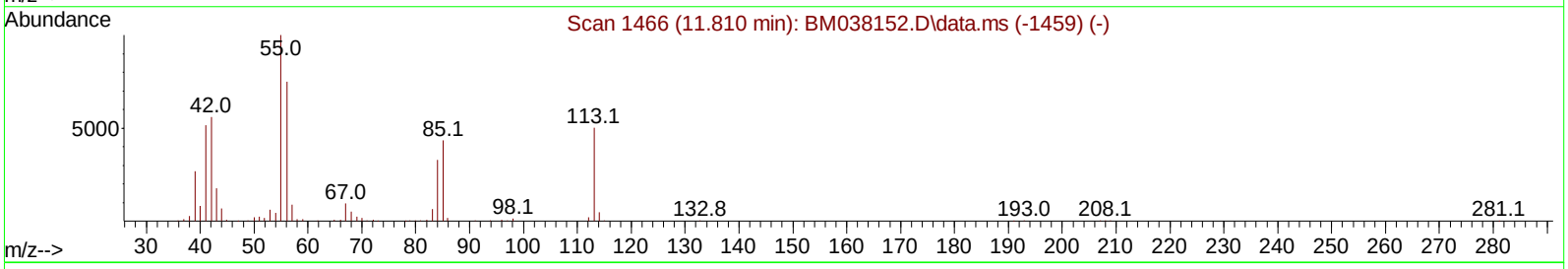
Instrument :
BNA_M
ClientSampleId :
DBXS6MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022







TIC: BM038170.D\data.ms

(34) Caprolactam

11.833min (+ 0.023) 36.24 ng/ul

response 113308

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	195.79
56.00	150.90	147.48
0.00	0.00	0.00

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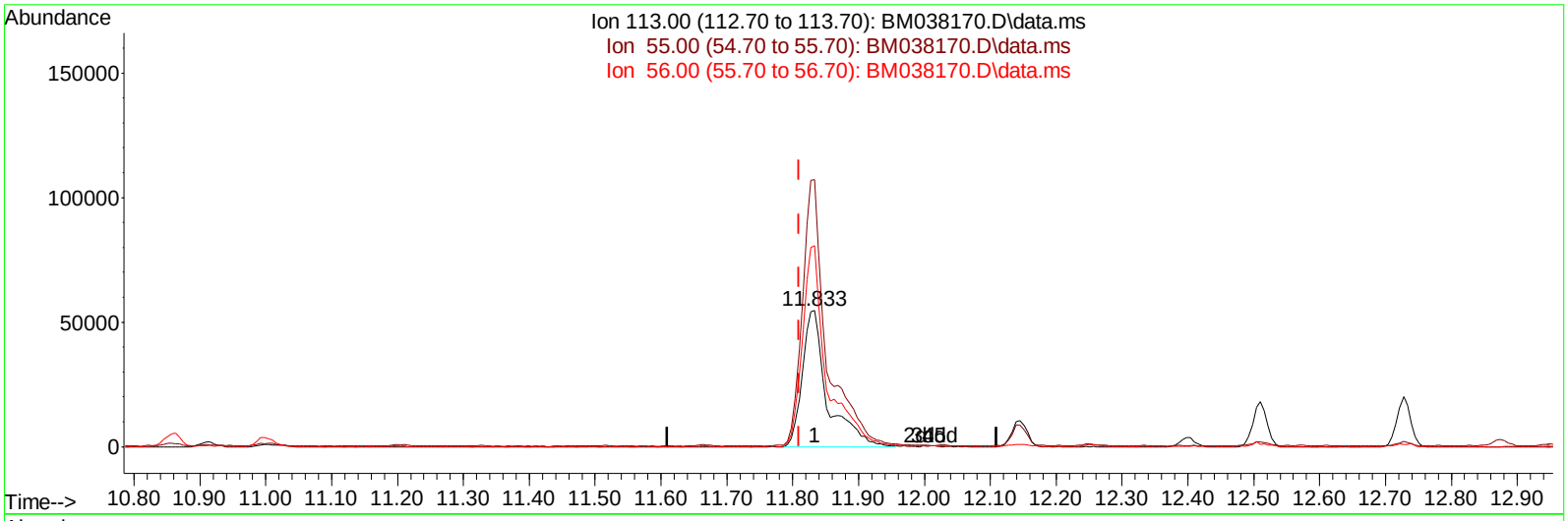

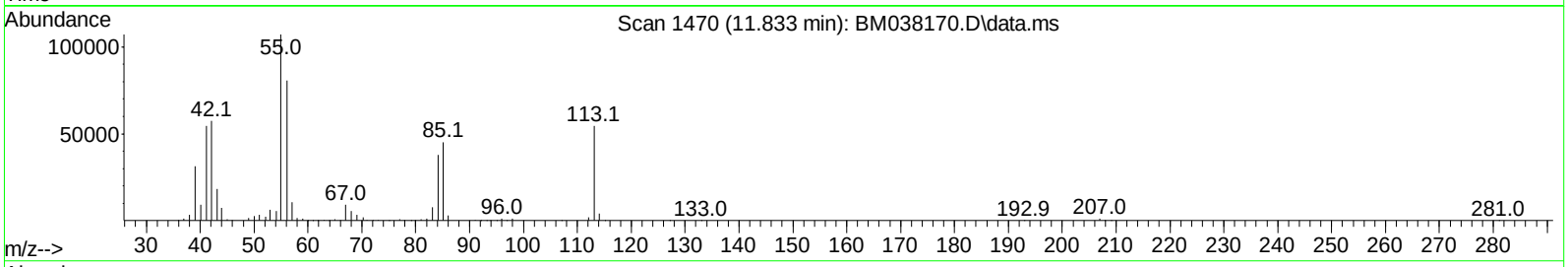

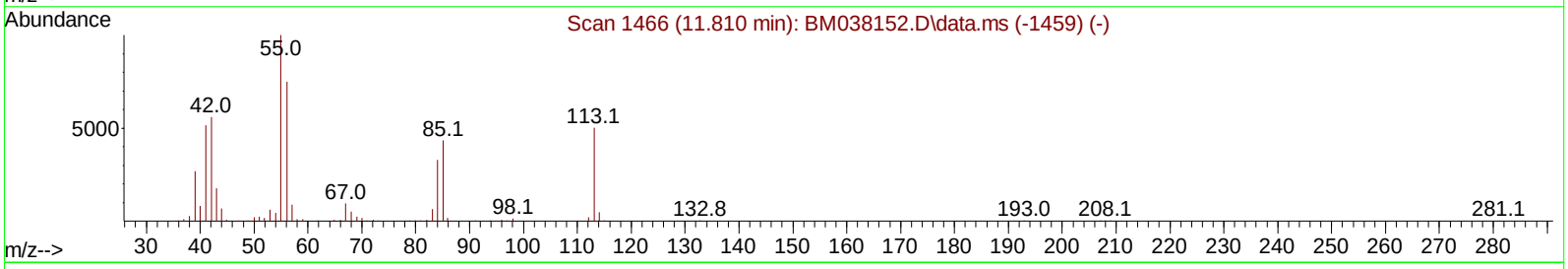

TIC: BM038170.D\data.ms

(34) Caprolactam

11.833min (+ 0.023) 46.40 ng/ul m

response 145071

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	195.79
56.00	150.90	147.48
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	8.040	152	186102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	788217	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.674	164	472696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	939680	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.580	240	615221	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	629750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	23447	5.721	ng/uL	0.00
4) Pyridine-d5	3.828	84	299559	24.637	ng/ul	0.00
7) Phenol-d5	7.204	99	509656	33.701	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	283494	30.786	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	459431	37.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	413024	34.988	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	235102	37.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	275052	42.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	510176	41.070	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	545372	31.805	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1374312	40.781	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	1618641	39.299	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	221118	38.500	ng/ul	0.01
60) Fluorene-d10	15.657	176	1165015	38.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	172600	34.356	ng/ul	0.00
73) Anthracene-d10	17.509	188	1731161	39.474	ng/ul	0.00
81) Pyrene-d10	19.792	212	1686540	45.636	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1235730	39.286	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	52438	12.196	ng/uL	97
5) Pyridine	3.846	79	392759	32.143	ng/ul	99
6) Benzaldehyde	7.181	77	328170	58.019	ng/ul	96
8) Phenol	7.234	94	574979	37.910	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.463	93	458458	36.811	ng/ul	95
12) 2-Chlorophenol	7.604	128	521767	41.124	ng/ul	97
13) 2-Methylphenol	8.492	108	466668	40.206	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	749376	33.322	ng/ul	99
16) Acetophenone	8.875	105	751102	40.456	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	344131	39.348	ng/ul	93
18) 4-Methylphenol	8.828	108	509657	40.591	ng/ul	98
19) Hexachloroethane	9.128	117	207271	40.864	ng/ul	97
22) Nitrobenzene	9.263	77	527377	39.274	ng/ul	95
23) Isophorone	9.792	82	1010451	41.064	ng/ul	97
25) 2-Nitrophenol	9.975	139	304845	44.460	ng/ul	96
26) 2,4-Dimethylphenol	10.033	107	580040	43.746	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	630291	38.533	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	546295	44.823	ng/ul	99
30) Naphthalene	10.910	128	1720486	40.448	ng/ul	100
32) 4-Chloroaniline	11.028	127	621941	36.372	ng/ul	99
33) Hexachlorobutadiene	11.186	225	370060	46.155	ng/ul	99
34) Caprolactam	11.833	113	145071m	46.403	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	508942	45.876	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.510	142	1155164	41.870 ng/ul	97
37) 1-Methylnaphthalene	12.727	142	1164176	41.267 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.874	216	658024	42.605 ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	147623	16.708 ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	439462	46.713 ng/ul	99
42) 2,4,5-Trichlorophenol	13.192	196	469630	47.865 ng/ul	98
43) 1,1'-Biphenyl	13.510	154	1566336	41.224 ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1244304	42.451 ng/ul	97
45) 2-Nitroaniline	13.763	65	312007	44.178 ng/ul	97
47) Dimethylphthalate	14.127	163	1493641	44.923 ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	303582	47.006 ng/ul	97
50) Acenaphthylene	14.398	152	2141939	47.295 ng/ul	99
51) 3-Nitroaniline	14.586	138	303702	47.132 ng/ul	98
52) Acenaphthene	14.739	153	1327238	42.369 ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	125362	39.557 ng/ul	95
55) 4-Nitrophenol	14.892	109	206077	54.408 ng/ul	86
56) Dibenzofuran	15.068	168	1816436	42.472 ng/ul	95
57) 2,4-Dinitrotoluene	15.039	165	418431	47.841 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.292	232	393264	47.649 ng/ul	93
59) Diethylphthalate	15.480	149	1512305	45.657 ng/ul	98
61) Fluorene	15.715	166	1507987	43.236 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	757887	44.464 ng/ul	96
63) 4-Nitroaniline	15.745	138	304862	52.179 ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.798	198	180424	37.096 ng/ul#	97
67) N-Nitrosodiphenylamine	15.921	169	1195479	42.176 ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	456030	44.272 ng/ul	98
69) Hexachlorobenzene	16.715	284	540505	43.959 ng/ul	97
70) Atrazine	16.868	200	440115	45.436 ng/ul	97
71) Pentachlorophenol	17.062	266	316142	46.245 ng/ul	99
72) Phenanthrene	17.451	178	2703604	52.686 ng/ul	99
74) Anthracene	17.545	178	2396621	45.956 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.480	216	660817	43.499 ng/uL	99
76) Pentachlorobenzene	14.986	250	632704	42.044 ng/uL	99
77) Carbazole	17.815	167	1962538	43.437 ng/ul	99
78) Di-n-butylphthalate	18.362	149	2606690	48.537 ng/ul	100
80) Fluoranthene	19.462	202	4398632	100.850 ng/ul#	93
82) Pyrene	19.827	202	4068657	89.633 ng/ul#	92
83) Butylbenzylphthalate	20.703	149	964911	57.167 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	305124	25.064 ng/ul	96
85) Benzo(a)anthracene	21.562	228	2711347	65.462 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1388790	56.558 ng/ul	100
87) Chrysene	21.621	228	2472046	63.612 ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2112296	52.347 ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2712021	69.464 ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	2085258	55.111 ng/ul	98
93) Benzo(a)pyrene	23.927	252	2103445	61.267 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.609	276	2401701	54.317 ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1807254	48.483 ng/ul	97
96) Benzo(g,h,i)perylene	27.403	276	1980526	56.101 ng/ul	97

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

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