Quantitation Report (Qedit)

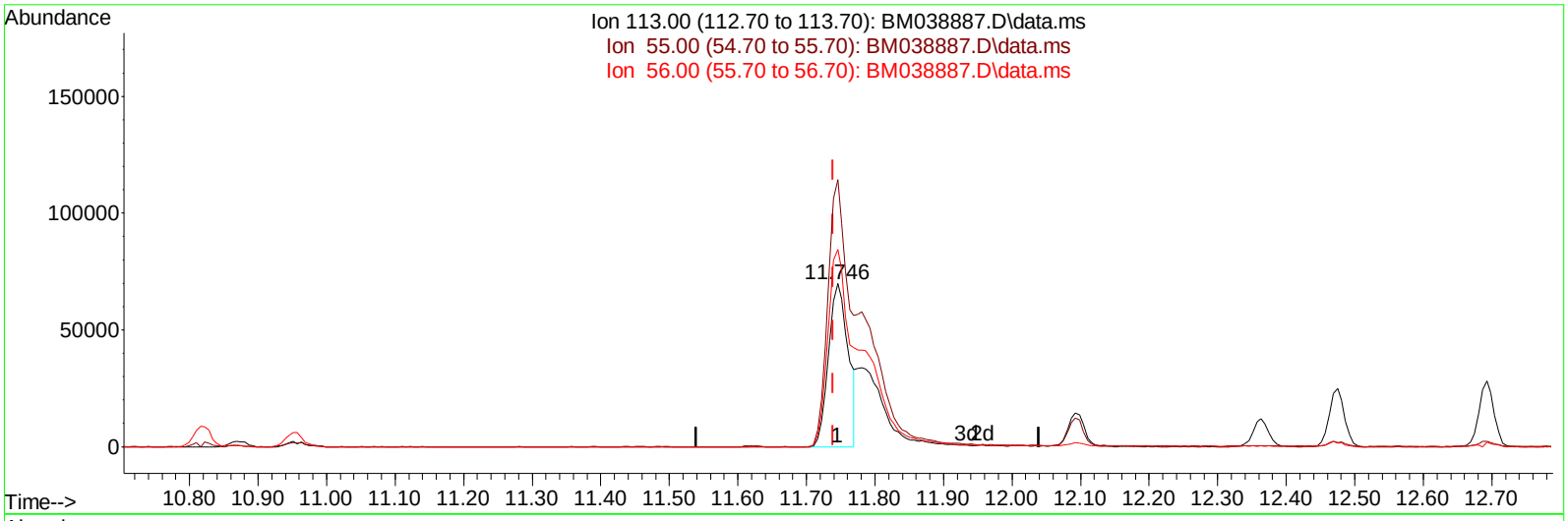
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038887.D
Acq On : 07 Mar 2023 00:45
Operator : CG/JU
Sample : PB151197BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

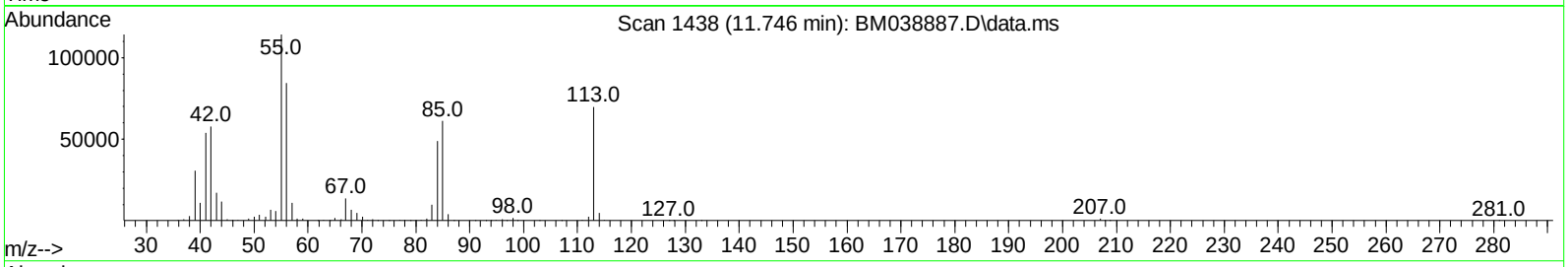
Quant Time: Mar 07 01:22:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 06 23:57:30 2023
Response via : Initial Calibration

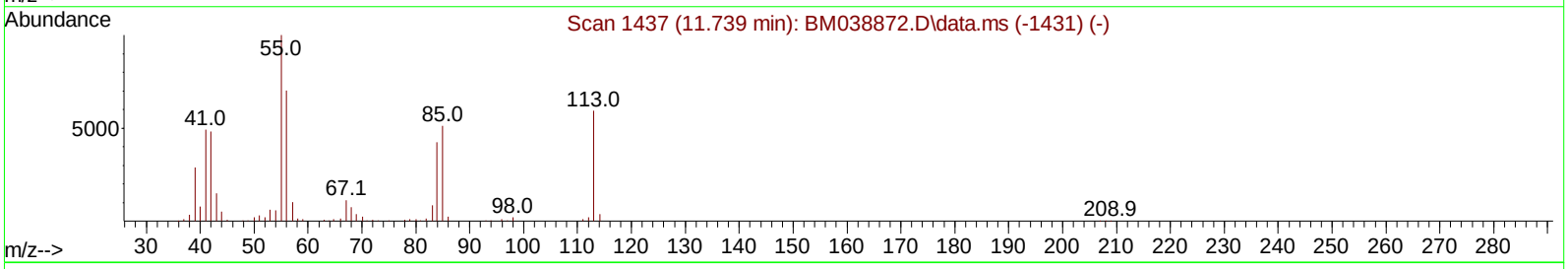
Instrument :
BNA_M
ClientSampleId :
SLCS197

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023







TIC: BM038887.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 19.04 ng/ul

response 140317

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	163.68
56.00	124.90	120.92
0.00	0.00	0.00

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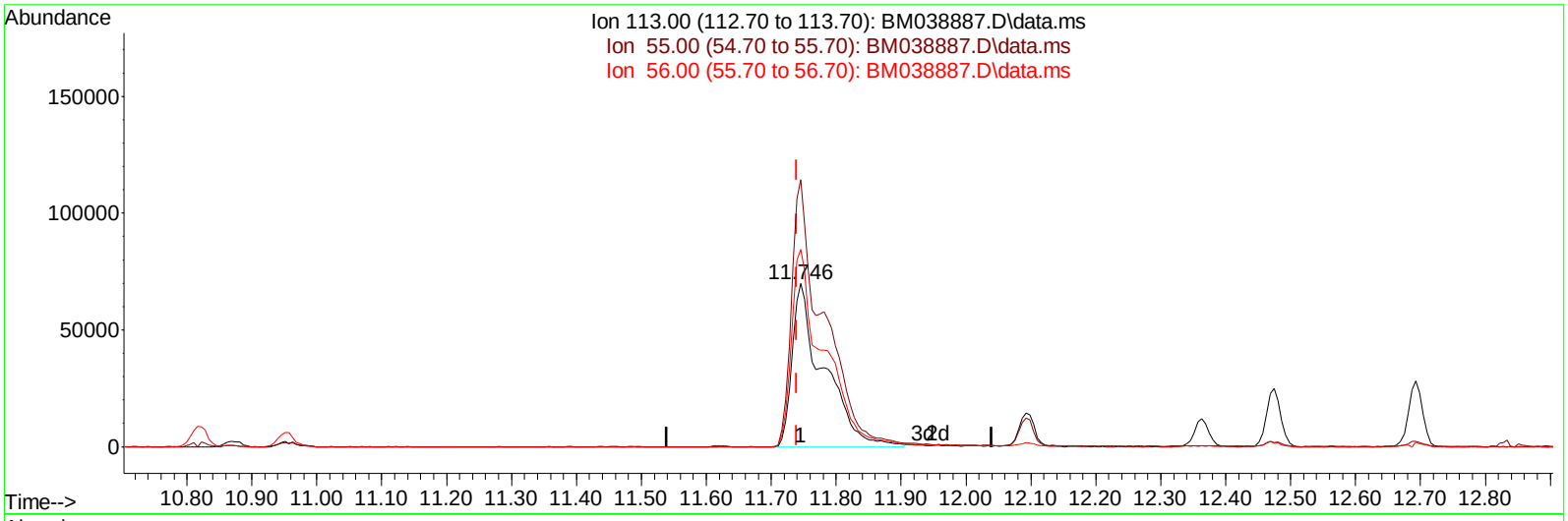

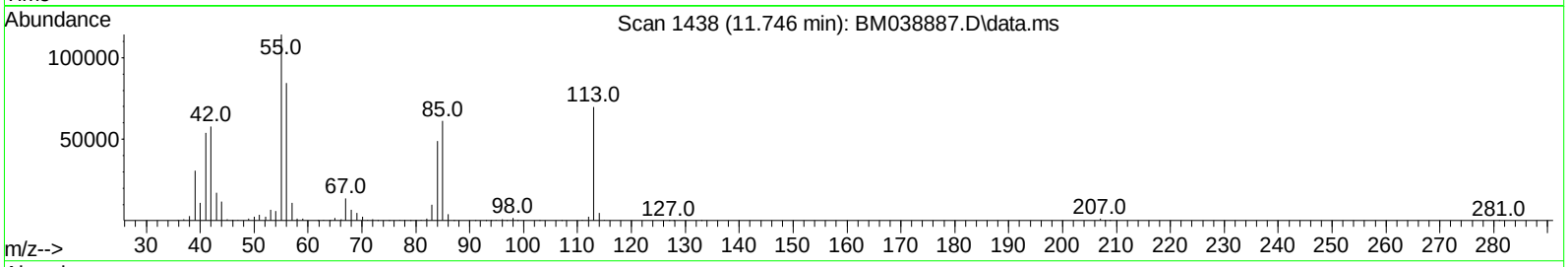

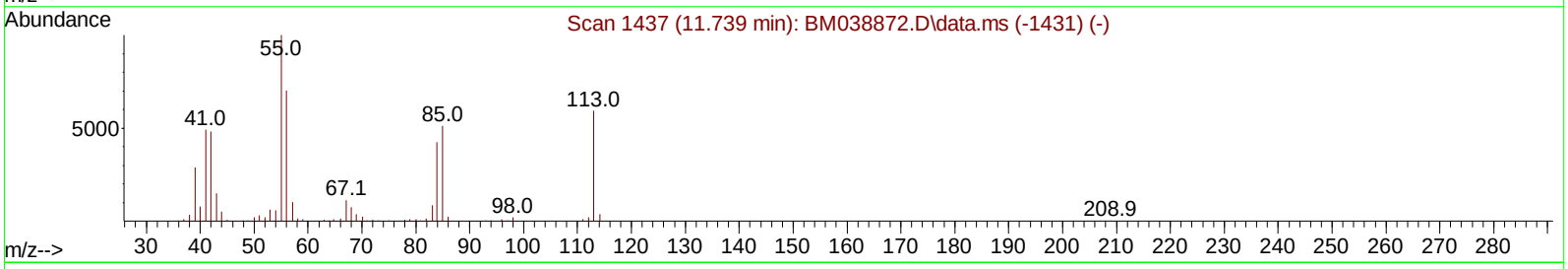

TIC: BM038887.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 31.93 ng/ul m

response 235280

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	163.68
56.00	124.90	120.92
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	8.005	152	303204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1386590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	855957	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1769156	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1709727	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1904413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	48671	5.994	ng/uL	0.00
4) Pyridine-d5	3.799	84	679297	30.427	ng/ul	0.00
7) Phenol-d5	7.158	99	919562	32.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	551210	30.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	711091	33.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	710087	31.709	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	355923	36.564	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	365821	40.106	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	711302	33.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	974777	27.591	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2080829	31.387	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	2474166	31.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	433371	32.654	ng/ul	0.00
60) Fluorene-d10	15.628	176	1827442	31.255	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	333701	36.282	ng/ul	0.00
73) Anthracene-d10	17.480	188	2845061	32.613	ng/ul	0.00
81) Pyrene-d10	19.769	212	3235902	34.411	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	3283929	34.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	96409	11.048	ng/uL	98
5) Pyridine	3.817	79	705609	29.359	ng/ul	98
6) Benzaldehyde	7.134	77	514367	37.362	ng/ul	98
8) Phenol	7.181	94	962084	31.622	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	748445	30.899	ng/ul	98
12) 2-Chlorophenol	7.563	128	728994	33.415	ng/ul	97
13) 2-Methylphenol	8.446	108	716163	31.490	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	920680	30.278	ng/ul	99
16) Acetophenone	8.834	105	1190615	30.591	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	588086	32.898	ng/ul	98
18) 4-Methylphenol	8.775	108	801945	31.757	ng/ul	98
19) Hexachloroethane	9.093	117	294853	33.735	ng/ul	98
22) Nitrobenzene	9.210	77	882510	33.139	ng/ul	99
23) Isophorone	9.740	82	1686777	31.139	ng/ul	99
25) 2-Nitrophenol	9.928	139	405599	37.498	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	825795	31.075	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1045548	31.454	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	706593	32.886	ng/ul	99
30) Naphthalene	10.869	128	2459144	31.081	ng/ul	99
32) 4-Chloroaniline	10.975	127	979828	27.392	ng/ul	100
33) Hexachlorobutadiene	11.157	225	415722	31.097	ng/ul	99
34) Caprolactam	11.746	113	235280m	31.934	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	780823	32.145	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.475	142	1602722	31.034	ng/ul	100
37)	1-Methylnaphthalene	12.692	142	1653576	31.778	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.840	216	815881	31.866	ng/ul	99
40)	Hexachlorocyclopentadiene	12.822	237	465643	33.709	ng/ul	96
41)	2,4,6-Trichlorophenol	13.075	196	555185	34.377	ng/ul	98
42)	2,4,5-Trichlorophenol	13.145	196	605097	34.044	ng/ul	99
43)	1,1'-Biphenyl	13.481	154	2164926	32.066	ng/ul	99
44)	2-Chloronaphthalene	13.522	162	1699154	31.908	ng/ul	99
45)	2-Nitroaniline	13.722	65	487744	40.588	ng/ul	97
47)	Dimethylphthalate	14.098	163	2100032	31.257	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	407976	38.375	ng/ul	97
50)	Acenaphthylene	14.363	152	2701635	31.437	ng/ul	99
51)	3-Nitroaniline	14.539	138	449027	33.651	ng/ul	95
52)	Acenaphthene	14.704	153	1834349	31.010	ng/ul	99
53)	2,4-Dinitrophenol	14.745	184	211359	34.970	ng/ul	93
55)	4-Nitrophenol	14.839	109	338057	31.890	ng/ul	98
56)	Dibenzofuran	15.039	168	2545898	31.001	ng/ul	99
57)	2,4-Dinitrotoluene	14.998	165	597869	36.378	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.257	232	509312	32.913	ng/ul	100
59)	Diethylphthalate	15.463	149	2103141	31.634	ng/ul	99
61)	Fluorene	15.686	166	2134150	30.995	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.681	204	1027190	30.901	ng/ul	98
63)	4-Nitroaniline	15.704	138	490810	35.563	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.757	198	333482	35.035	ng/ul	98
67)	N-Nitrosodiphenylamine	15.892	169	1755933	32.816	ng/ul	100
68)	4-Bromophenyl-phenylether	16.575	248	589301	32.363	ng/ul	98
69)	Hexachlorobenzene	16.686	284	697605	31.630	ng/ul	99
70)	Atrazine	16.845	200	562667	31.084	ng/ul	98
71)	Pentachlorophenol	17.028	266	437439	32.619	ng/ul	98
72)	Phenanthrene	17.427	178	3252300	31.817	ng/ul	100
74)	Anthracene	17.516	178	3339217	32.083	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.445	216	811211	32.536	ng/uL	100
76)	Pentachlorobenzene	14.957	250	807543	31.522	ng/uL	99
77)	Carbazole	17.786	167	3110064	32.179	ng/ul	99
78)	Di-n-butylphthalate	18.357	149	3527031	35.870	ng/ul	100
80)	Fluoranthene	19.433	202	3715227	34.352	ng/ul	97
82)	Pyrene	19.798	202	4001235	33.739	ng/ul	100
83)	Butylbenzylphthalate	20.698	149	1524222	48.369	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.474	252	1191461	35.564	ng/ul	100
85)	Benzo(a)anthracene	21.545	228	3950194	33.438	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	2320853	44.302	ng/ul	98
87)	Chrysene	21.598	228	3843056	33.266	ng/ul	100
89)	Di-n-octyl phthalate	22.421	149	3846132	40.165	ng/ul	100
90)	Benzo(b)fluoranthene	23.262	252	4098453	34.660	ng/ul	99
91)	Benzo(k)fluoranthene	23.315	252	4138117	34.068	ng/ul	99
93)	Benzo(a)pyrene	23.904	252	3730805	34.060	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.574	276	4697735	32.444	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.592	278	3937931	32.237	ng/ul	99
96)	Benzo(g,h,i)perylene	27.356	276	3750871	31.637	ng/ul	99

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

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