Quantitation Report (Qedit)

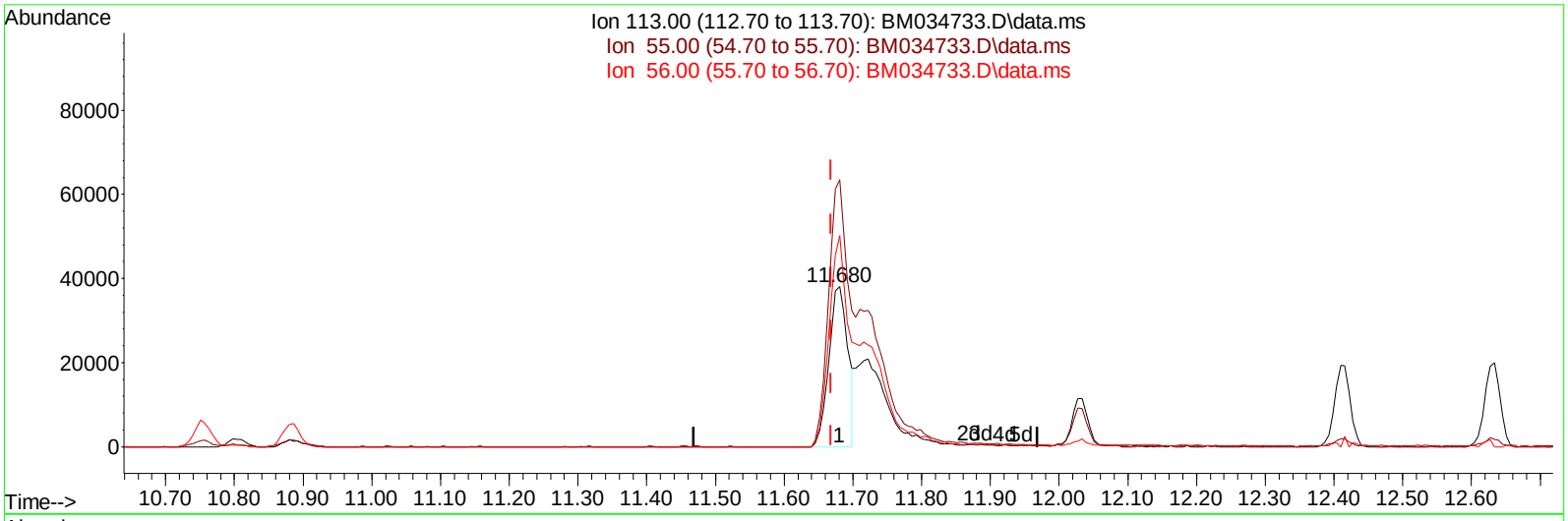
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034733.D
Acq On : 20 Apr 2022 20:47
Operator : CG/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

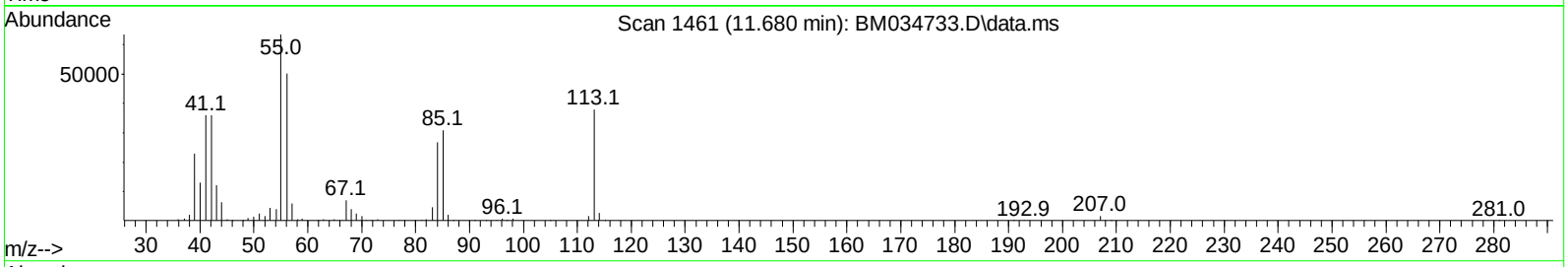
Quant Time: Apr 21 03:34:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 03:29:13 2022
Response via : Initial Calibration

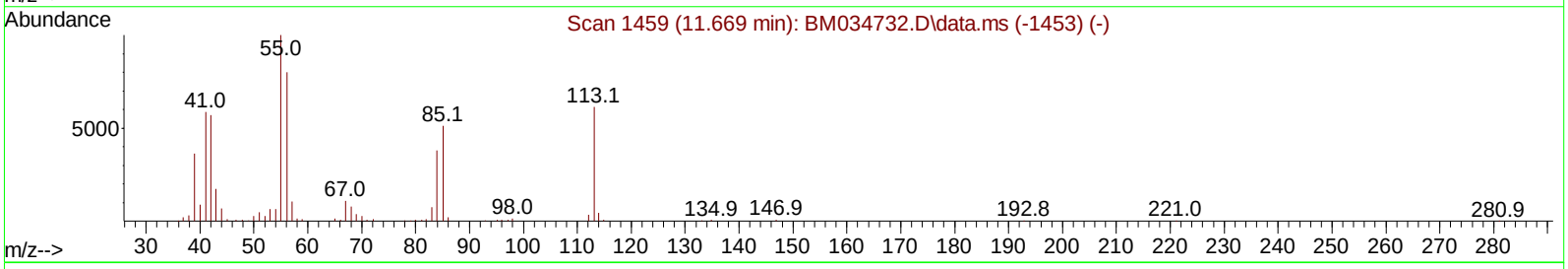
Instrument :
BNA_M
ClientSampleId :
SSTD040028

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034733.D\data.ms

(34) Caprolactam

11.680min (+ 0.012) 21.33 ng/ul

response 72993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	166.84
56.00	130.40	132.00
0.00	0.00	0.00

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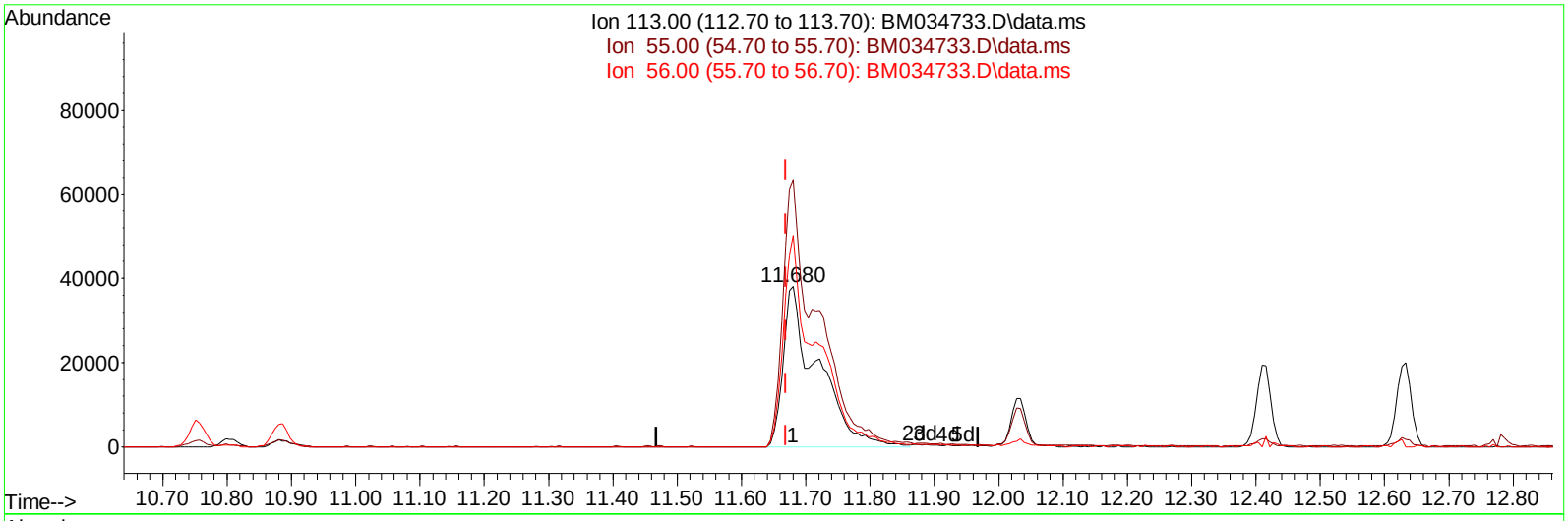

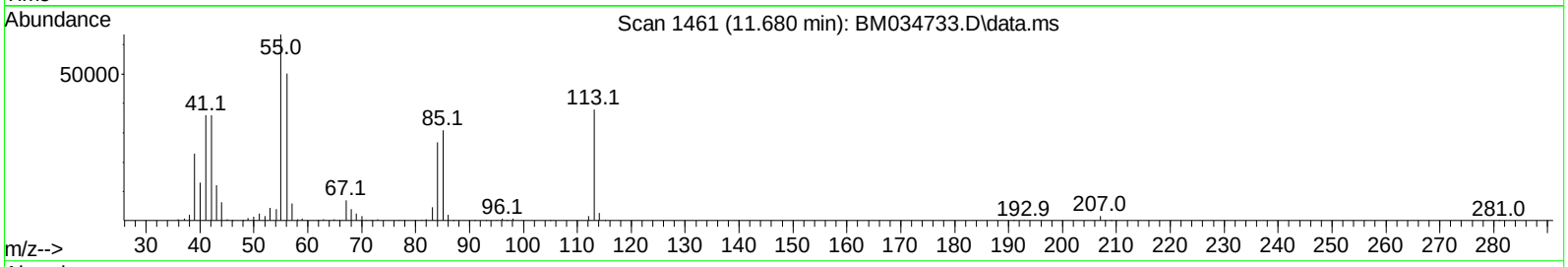

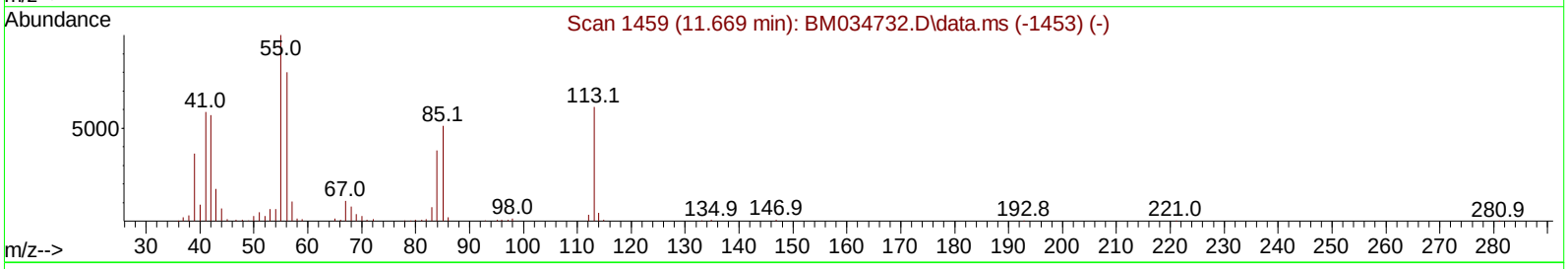

TIC: BM034733.D\data.ms

(34) Caprolactam

11.680min (+ 0.012) 41.36 ng/ul m

response 141527

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	166.84
56.00	130.40	132.00
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	7.951	152	228954	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	904367	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	543471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1073803	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.497	240	1179335	20.000	ng/ul	# 0.00
88) Perylene-d12	23.897	264	1216000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	83666	15.720	ng/uL	0.00
4) Pyridine-d5	3.799	84	534192	42.776	ng/ul	0.00
7) Phenol-d5	7.104	99	699814	41.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	411737	43.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	598831	41.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	552688	40.647	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	271131	44.078	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	291173	46.419	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	582233	39.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	757426	38.822	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1579924	38.789	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	2083067	40.072	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	274475	43.666	ng/ul	0.00
60) Fluorene-d10	15.574	176	1374687	38.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	234566	42.655	ng/ul	0.00
73) Anthracene-d10	17.421	188	2111574	40.232	ng/ul	0.00
81) Pyrene-d10	19.709	212	2471082	39.235	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	2525587	40.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	81590	15.079	ng/uL	98
5) Pyridine	3.816	79	559060	43.205	ng/ul	97
6) Benzaldehyde	7.081	77	421528	48.030	ng/ul	98
8) Phenol	7.134	94	688723	41.631	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	542308	41.693	ng/ul	99
12) 2-Chlorophenol	7.510	128	603404	41.156	ng/ul	99
13) 2-Methylphenol	8.387	108	522447	41.034	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	777100	45.608	ng/ul	99
16) Acetophenone	8.769	105	836988	40.802	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	418526	43.138	ng/ul	98
18) 4-Methylphenol	8.722	108	555465	40.832	ng/ul	99
19) Hexachloroethane	9.039	117	252805	41.568	ng/ul	97
22) Nitrobenzene	9.151	77	612159	43.970	ng/ul	98
23) Isophorone	9.686	82	1128818	41.753	ng/ul	100
25) 2-Nitrophenol	9.863	139	321095	45.960	ng/ul	99
26) 2,4-Dimethylphenol	9.928	107	631908	40.373	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	699584	41.129	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	552866	38.670	ng/ul	99
30) Naphthalene	10.804	128	1823374	39.207	ng/ul	99
32) 4-Chloroaniline	10.910	127	756423	39.292	ng/ul	98
33) Hexachlorobutadiene	11.104	225	379323	35.297	ng/ul	97
34) Caprolactam	11.680	113	141527m	41.363	ng/ul	
35) 4-Chloro-3-methylphenol	12.027	107	545153	40.850	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1264337	39.051	ng/ul	98
37) 1-Methylnaphthalene	12.633	142	1270722	38.894	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	663886	34.081	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	459979	34.346	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	425954	37.142	ng/ul	96
42) 2,4,5-Trichlorophenol	13.086	196	452445	37.412	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1669391	36.906	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1301067	36.980	ng/ul	98
45) 2-Nitroaniline	13.651	65	321604	48.978	ng/ul	97
47) Dimethylphthalate	14.039	163	1542382	39.348	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	306628	47.268	ng/ul	97
50) Acenaphthylene	14.304	152	2039505	39.832	ng/ul	98
51) 3-Nitroaniline	14.474	138	308750	55.499	ng/ul	96
52) Acenaphthene	14.645	153	1329419	39.653	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	149125	41.100	ng/ul	99
55) 4-Nitrophenol	14.780	109	230009	48.029	ng/ul	95
56) Dibenzofuran	14.980	168	1866928	38.489	ng/ul	98
57) 2,4-Dinitrotoluene	14.933	165	434248	47.595	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	360784	37.049	ng/ul	96
59) Diethylphthalate	15.404	149	1566179	41.100	ng/ul	99
61) Fluorene	15.627	166	1534129	39.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	763174	36.308	ng/ul	99
63) 4-Nitroaniline	15.633	138	304451	59.786	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.698	198	239663	42.762	ng/ul#	93
67) N-Nitrosodiphenylamine	15.833	169	1310175	40.708	ng/ul	98
68) 4-Bromophenyl-phenylether	16.515	248	454328	36.057	ng/ul	99
69) Hexachlorobenzene	16.633	284	515063	34.719	ng/ul	97
70) Atrazine	16.786	200	470975	37.987	ng/ul	98
71) Pentachlorophenol	16.968	266	359528	39.701	ng/ul	98
72) Phenanthrene	17.362	178	2323101	39.431	ng/ul	100
74) Anthracene	17.457	178	2410180	40.322	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	673762	35.041	ng/uL	98
76) Pentachlorobenzene	14.898	250	614751	34.708	ng/uL	99
77) Carbazole	17.721	167	2035874	38.961	ng/ul	98
78) Di-n-butylphthalate	18.298	149	2381197	40.174	ng/ul	99
80) Fluoranthene	19.374	202	2835778	39.046	ng/ul	96
82) Pyrene	19.739	202	2903445	38.932	ng/ul#	93
83) Butylbenzylphthalate	20.639	149	1024910	42.001	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.415	252	1030953	42.204	ng/ul#	97
85) Benzo(a)anthracene	21.480	228	2932395	40.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1641019	42.073	ng/ul#	96
87) Chrysene	21.533	228	2870477	40.400	ng/ul	100
89) Di-n-octyl phthalate	22.356	149	2673408	40.386	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	3055546	40.355	ng/ul	98
91) Benzo(k)fluoranthene	23.215	252	2950572	41.538	ng/ul	98
93) Benzo(a)pyrene	23.797	252	3022701	41.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.391	276	3553517	40.334	ng/ul	99
95) Dibenzo(a,h)anthracene	26.409	278	3055486	40.262	ng/ul	99
96) Benzo(g,h,i)perylene	27.156	276	2946815	39.119	ng/ul	99

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

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