Quantitation Report (Qedit)

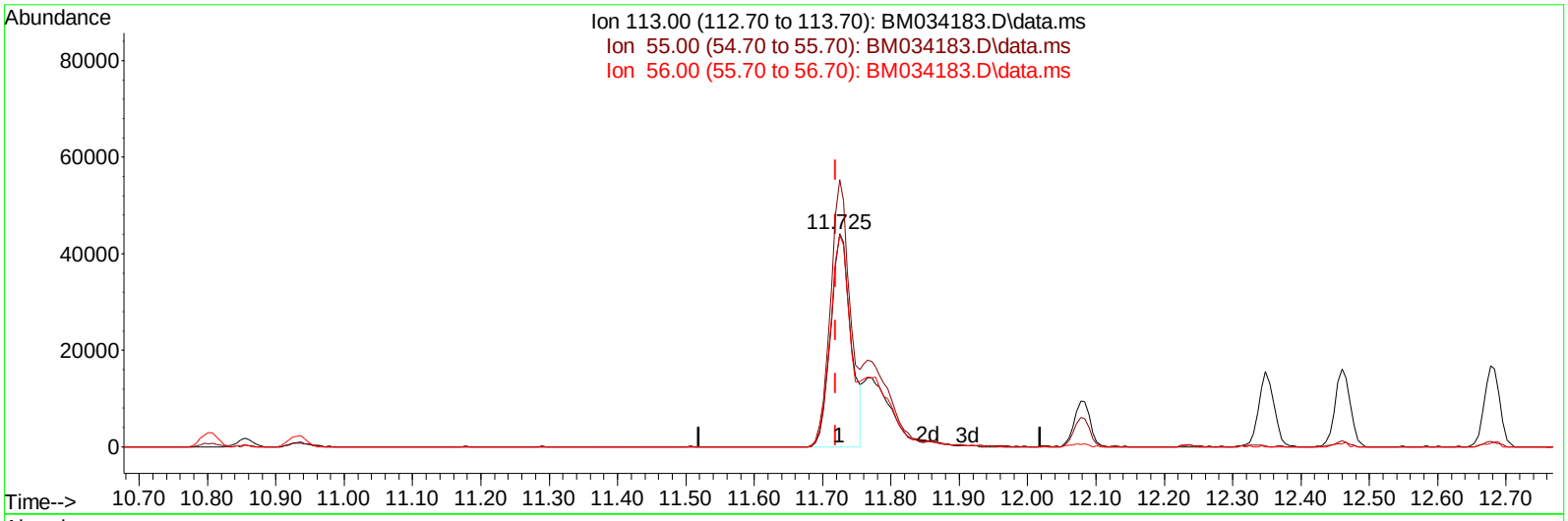
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034183.D
Acq On : 09 Mar 2022 13:20
Operator : CG/JU
Sample : N1775-13MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

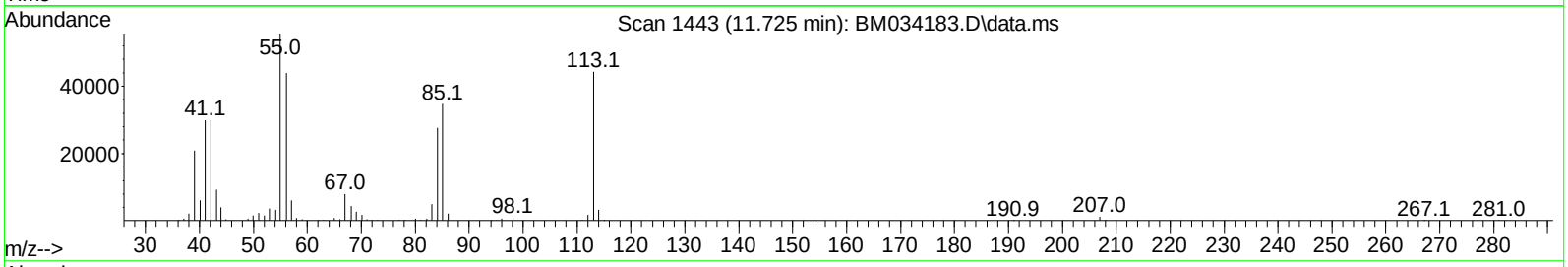
Quant Time: Mar 10 00:22:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 13:09:16 2022
Response via : Initial Calibration

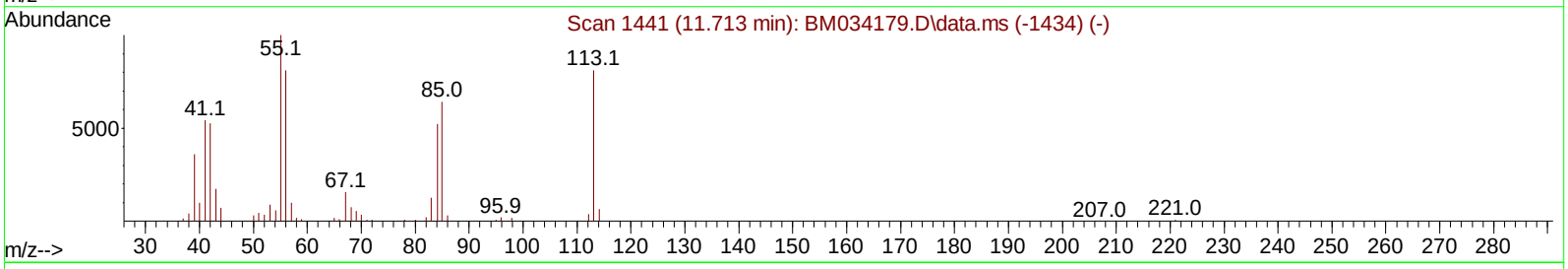
Instrument :
BNA_M
ClientSampleId :
DBRU6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
Supervised By :Yogesh Patel 03/11/2022







TIC: BM034183.D\data.ms

(34) Caprolactam

11.725min (+ 0.006) 31.75 ng/ul

response 90437

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	125.12#
56.00	164.70	99.20#
0.00	0.00	0.00

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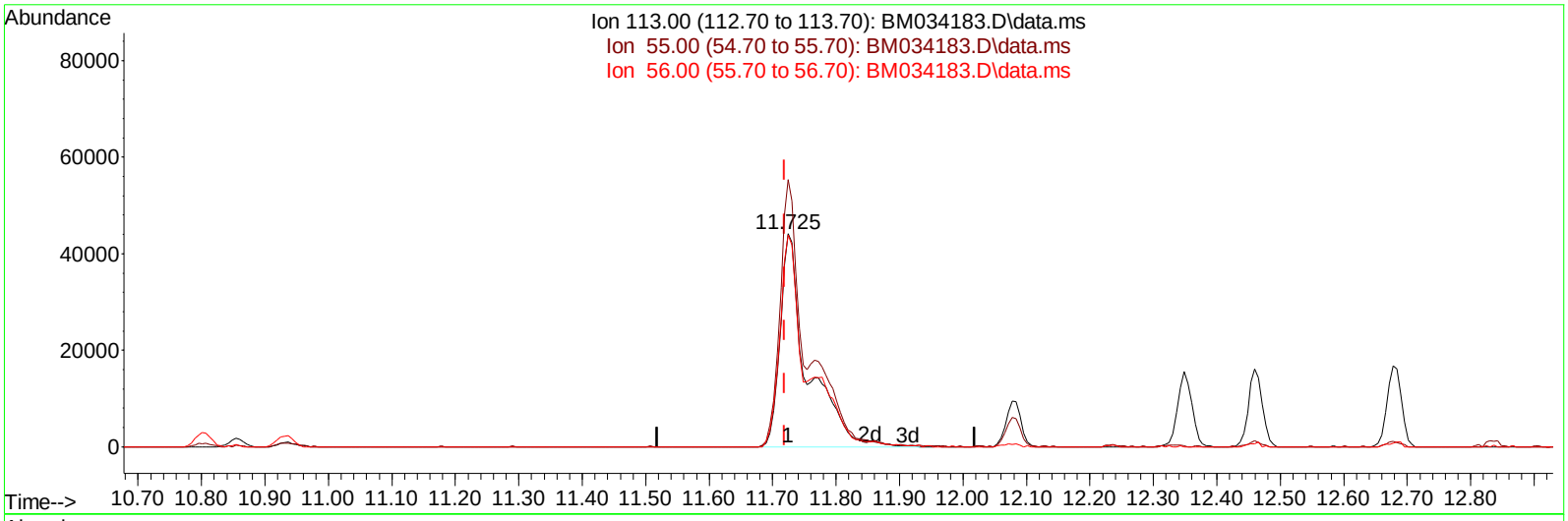

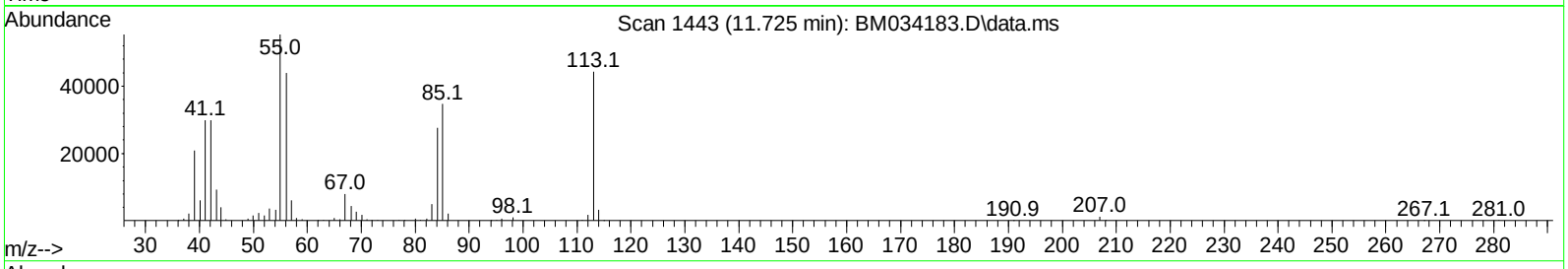

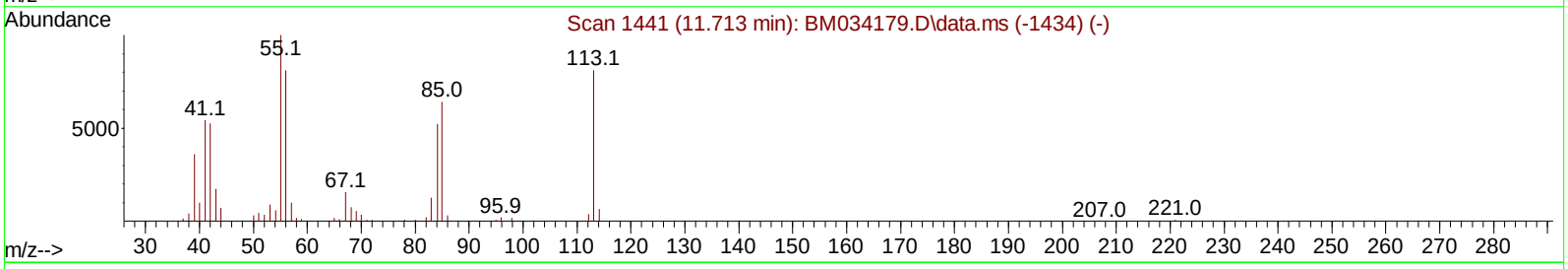

TIC: BM034183.D\data.ms

(34) Caprolactam

11.725min (+ 0.006) 46.79 ng/ul m

response 133287

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	125.12#
56.00	164.70	99.20#
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	7.990	152	132806	20.000	ng/ul		0.00
20) Naphthalene-d8	10.807	136	551946	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.624	164	387693	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.365	188	827104	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.536	240	766010	20.000	ng/ul		0.00
88) Perylene-d12	23.983	264	709496	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.366	96	16211	5.614	ng/uL		0.00
4) Pyridine-d5	3.790	84	217502	25.876	ng/ul		0.00
7) Phenol-d5	7.143	99	380519	36.567	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	205795	36.743	ng/ul		0.00
11) 2-Chlorophenol-d4	7.519	132	327274	37.940	ng/ul		0.00
15) 4-Methylphenol-d8	8.695	113	330380	37.891	ng/ul		0.00
21) Nitrobenzene-d5	9.154	128	166686	38.977	ng/ul		0.00
24) 2-Nitrophenol-d4	9.878	143	186595	40.173	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.419	165	387517	40.456	ng/ul		0.00
31) 4-Chloroaniline-d4	10.931	131	412842	31.546	ng/ul		0.00
46) Dimethylphthalate-d6	14.036	166	1180693	40.133	ng/ul		0.00
49) Acenaphthylene-d8	14.319	160	1477175	40.153	ng/ul		0.00
54) 4-Nitrophenol-d4	14.807	143	193489	35.346	ng/ul		0.00
60) Fluorene-d10	15.619	176	1045976	39.948	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	193350	36.224	ng/ul		0.00
73) Anthracene-d10	17.465	188	1665366	40.875	ng/ul		0.00
81) Pyrene-d10	19.754	212	1876372	44.564	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.824	264	1572647	41.785	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	42909	13.727	ng/uL	#	70
5) Pyridine	3.808	79	320898	37.761	ng/ul	#	67
6) Benzaldehyde	7.119	77	277729	52.003	ng/ul	#	77
8) Phenol	7.166	94	469676	44.622	ng/ul	#	82
10) Bis(2-Chloroethyl)ether	7.401	93	358271	43.860	ng/ul	#	83
12) 2-Chlorophenol	7.548	128	399725	44.861	ng/ul	#	81
13) 2-Methylphenol	8.431	108	372278	45.360	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.519	45	326986	45.100	ng/ul	#	79
16) Acetophenone	8.813	105	614040	44.698	ng/ul	#	81
17) N-Nitroso-di-n-propyla...	8.807	70	301301	48.012	ng/ul	#	79
18) 4-Methylphenol	8.760	108	408448	45.565	ng/ul		97
19) Hexachloroethane	9.084	117	157771	43.057	ng/ul	#	59
22) Nitrobenzene	9.195	77	442126	45.717	ng/ul	#	87
23) Isophorone	9.725	82	844203	48.416	ng/ul	#	90
25) 2-Nitrophenol	9.913	139	247201	48.841	ng/ul	#	72
26) 2,4-Dimethylphenol	9.972	107	483450	47.224	ng/ul		90
27) Bis(2-Chloroethoxy)met...	10.207	93	508006	46.473	ng/ul	#	96
29) 2,4-Dichlorophenol	10.448	162	448048	47.328	ng/ul		94
30) Naphthalene	10.854	128	1330622	45.028	ng/ul		99
32) 4-Chloroaniline	10.954	127	497092	37.300	ng/ul		100
33) Hexachlorobutadiene	11.148	225	328473	45.560	ng/ul		98
34) Caprolactam	11.725	113	133287m	46.790	ng/ul		
35) 4-Chloro-3-methylphenol	12.078	107	453386	49.014	ng/ul	#	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.460	142	990919	46.753	ng/ul	99
37) 1-Methylnaphthalene	12.678	142	1000615	46.077	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.830	216	623700	46.054	ng/ul#	97
40) Hexachlorocyclopentadiene	12.819	237	408717	44.703	ng/ul	98
41) 2,4,6-Trichlorophenol	13.066	196	412017	49.840	ng/ul	97
42) 2,4,5-Trichlorophenol	13.130	196	438749	48.122	ng/ul	93
43) 1,1'-Biphenyl	13.466	154	1388188	45.989	ng/ul#	97
44) 2-Chloronaphthalene	13.507	162	1089049	45.904	ng/ul	95
45) 2-Nitroaniline	13.701	65	269006	49.274	ng/ul#	61
47) Dimethylphthalate	14.083	163	1399861	47.044	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	296545	50.139	ng/ul#	82
50) Acenaphthylene	14.348	152	1733223	46.728	ng/ul	99
51) 3-Nitroaniline	14.519	138	250747	46.353	ng/ul#	76
52) Acenaphthene	14.689	153	1130225	46.020	ng/ul	98
53) 2,4-Dinitrophenol	14.724	184	169428	45.274	ng/ul#	71
55) 4-Nitrophenol	14.824	109	217289	45.769	ng/ul#	73
56) Dibenzofuran	15.024	168	1659064	45.865	ng/ul	93
57) 2,4-Dinitrotoluene	14.977	165	423313	48.946	ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	15.248	232	386102	48.856	ng/ul#	87
59) Diethylphthalate	15.442	149	1398077	47.865	ng/ul	98
61) Fluorene	15.671	166	1393971	46.848	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.666	204	756059	47.193	ng/ul	88
63) 4-Nitroaniline	15.683	138	291636	58.279	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.742	198	247117	45.848	ng/ul#	82
67) N-Nitrosodiphenylamine	15.877	169	1189626	48.236	ng/ul	99
68) 4-Bromophenyl-phenylether	16.560	248	466605	51.600	ng/ul#	86
69) Hexachlorobenzene	16.677	284	564107	47.950	ng/ul#	88
70) Atrazine	16.824	200	476426	47.714	ng/ul	97
71) Pentachlorophenol	17.013	266	347970	46.606	ng/ul	97
72) Phenanthrene	17.413	178	2183861	46.670	ng/ul	99
74) Anthracene	17.501	178	2220177	46.953	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.430	216	644062	45.443	ng/uL	97
76) Pentachlorobenzene	14.948	250	659432	49.689	ng/uL	98
77) Carbazole	17.765	167	1924361	45.639	ng/ul	99
78) Di-n-butylphthalate	18.336	149	2359583	51.339	ng/ul	98
80) Fluoranthene	19.418	202	2602277	52.652	ng/ul#	93
82) Pyrene	19.783	202	2626915	51.382	ng/ul#	91
83) Butylbenzylphthalate	20.671	149	966401	55.239	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.453	252	648696	43.540	ng/ul#	95
85) Benzo(a)anthracene	21.524	228	2388370	47.295	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	1369107	53.463	ng/ul#	98
87) Chrysene	21.577	228	2327132	47.176	ng/ul	99
89) Di-n-octyl phthalate	22.389	149	2119890	48.090	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	2389740	48.660	ng/ul#	98
91) Benzo(k)fluoranthene	23.289	252	2135624	46.274	ng/ul#	98
93) Benzo(a)pyrene	23.877	252	2224464	48.239	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.541	276	2496859	51.867	ng/ul	97
95) Dibenzo(a,h)anthracene	26.553	278	2157195	51.937	ng/ul	97
96) Benzo(g,h,i)perylene	27.318	276	2119899	52.697	ng/ul#	95

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

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