Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063017\

Data File : BM010778.D
Acq On : 30 Jun 2017 17:35
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quantitation Report (Qedit)

Quant Time: Jul 01 06:39:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 01 04:18:00 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02008

Manual Integrations APPROVED
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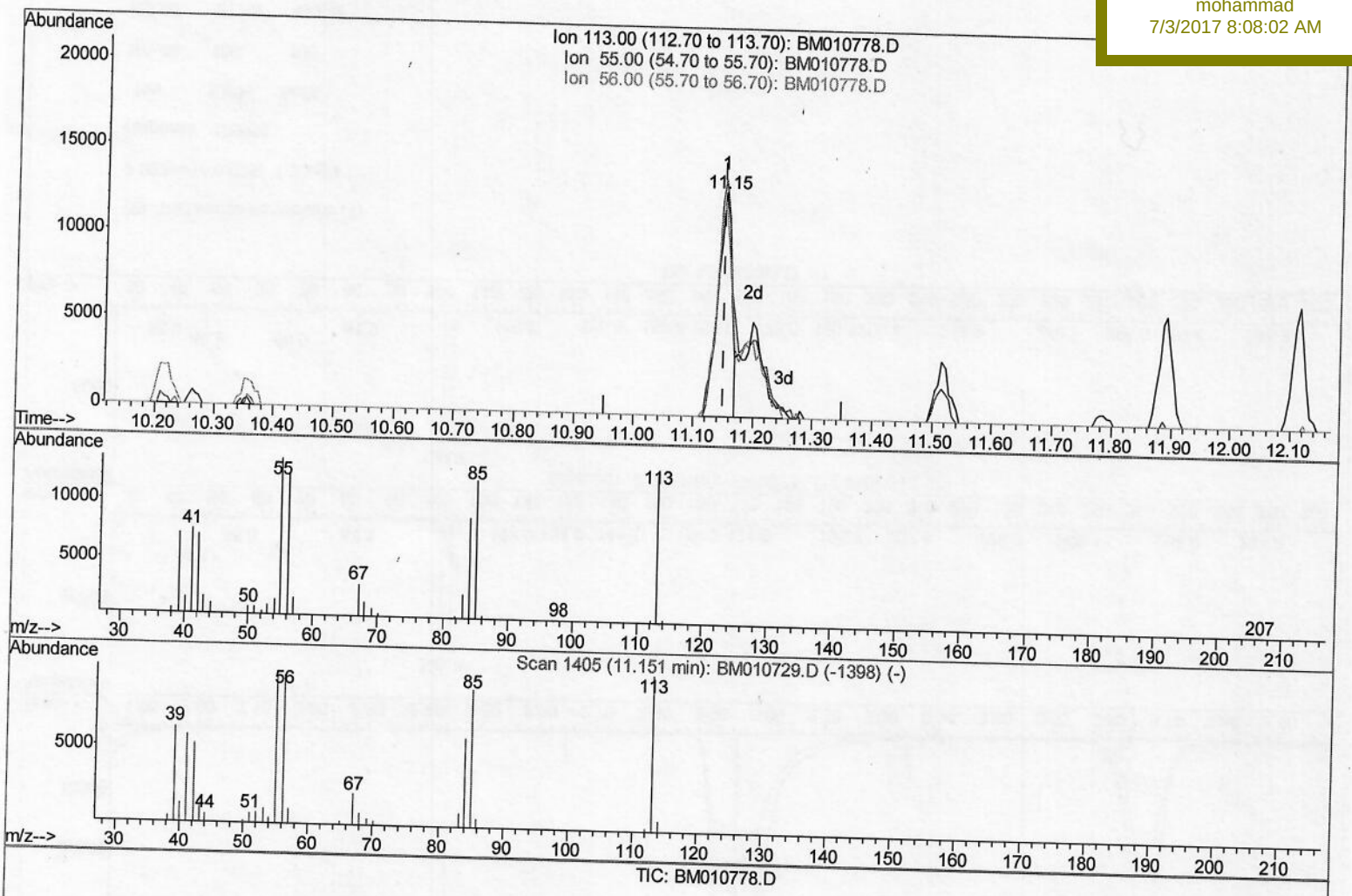
7/3/2017 8:08:02 AM



TIC: BM010778.D

(32) Caprolactam

11.151min (-0.000) 11.34ng/ul

response 21064

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	105.97
56.00	107.50	95.90
0.00	0.00	0.00

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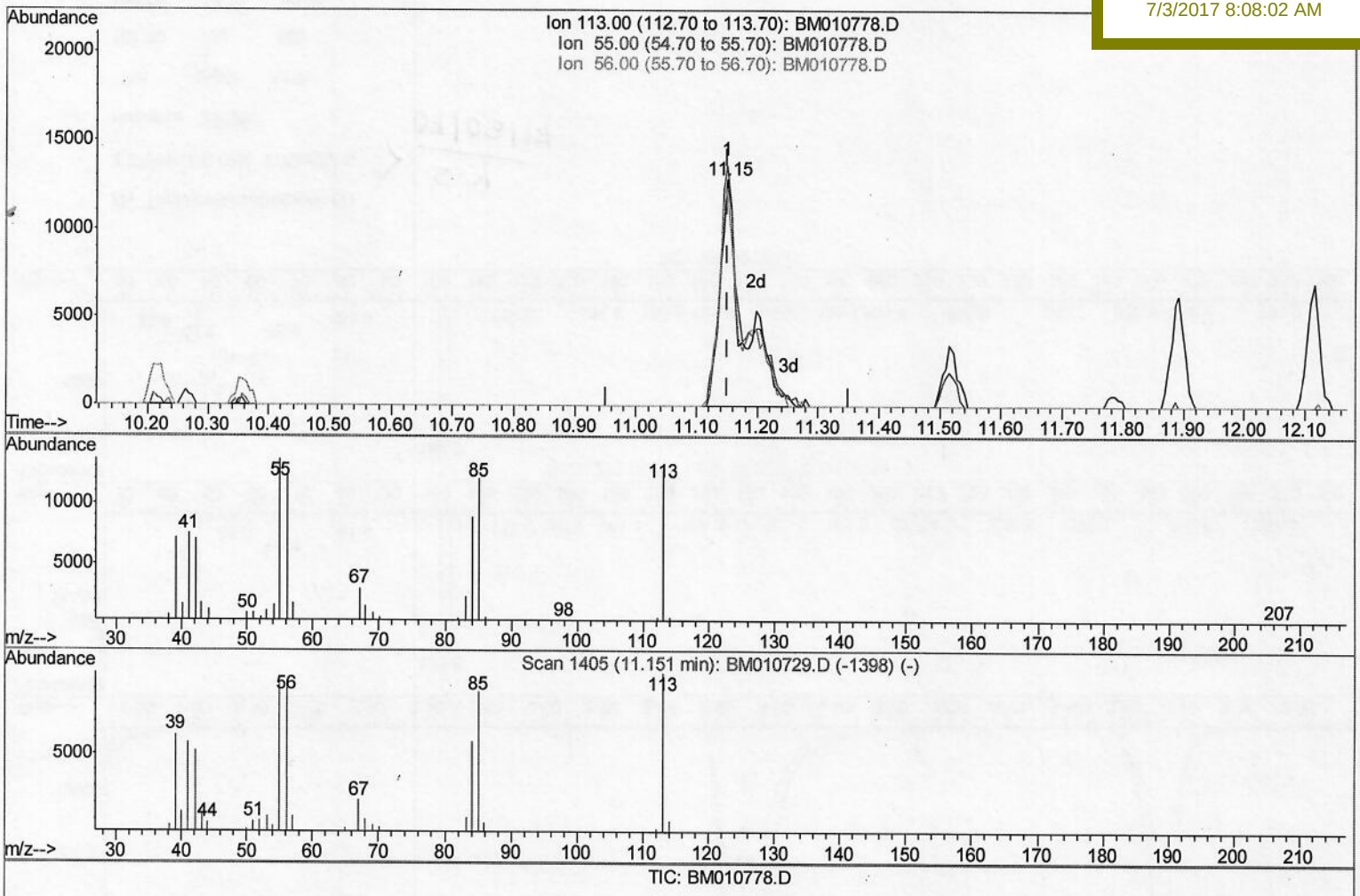

TIC: BM010778.D

(32) Caprolactam

11.151min (-0.000) 18.61ng/ul m

response 34559

S.J 07/03/17

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	105.97
56.00	107.50	95.90
0.00	0.00	0.00

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Operator : SJ/JU
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	314160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	231478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	646524	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	768477	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	590759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9959	8.25	ng/uL	0.00
5) Phenol-d5	6.65	99	120172	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	68656	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	89570	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	100094	18.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	44817	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	53497	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	112217	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	132287	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	397525	19.56	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	465675	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	66069	18.48	ng/ul	0.00
57) Fluorene-d10	15.11	176	375291	21.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	78938	19.88	ng/ul	0.00
70) Anthracene-d10	16.96	188	631104	20.21	ng/ul	0.00
76) Pyrene-d10	19.27	212	758741	21.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	578453	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	11962	8.87	ng/uL#	35
4) Benzaldehyde	6.61	77	89024	22.96	ng/ul	94
6) Phenol	6.67	94	122815	18.10	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	87795	17.77	ng/ul	98
10) 2-Chlorophenol	7.03	128	89254	19.32	ng/ul	98
11) 2-Methylphenol	7.90	108	95918	18.54	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.99	45	55479	16.09	ng/ul#	91
14) Acetophenone	8.27	105	167454	18.77	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.26	70	87854	18.28	ng/ul#	93
16) 4-Methylphenol	8.23	108	104827	18.42	ng/ul	99
17) Hexachloroethane	8.52	117	44116	21.47	ng/ul#	75
20) Nitrobenzene	8.64	77	141947	21.71	ng/ul	95
21) Isophorone	9.17	82	238085	18.32	ng/ul	99
23) 2-Nitrophenol	9.35	139	56600	20.67	ng/ul	93
24) 2,4-Dimethylphenol	9.41	107	140873	20.22	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.65	93	135034	18.73	ng/ul	96
27) 2,4-Dichlorophenol	9.87	162	110205	20.83	ng/ul#	93
28) Naphthalene	10.27	128	310083	19.83	ng/ul	99
30) 4-Chloroaniline	10.39	127	126780	22.01	ng/ul	95
31) Hexachlorobutadiene	10.56	225	92269	23.12	ng/ul	97
32) Caprolactam	11.15	113	34559m	18.61	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	133298	19.75	ng/ul	92
34) 2-Methylnaphthalene	11.89	142	259845	20.68	ng/ul	91

SJ 07/03/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	173187	21.20	ng/ul#	97
37) Hexachlorocyclopentadiene	12.25	237	78820	16.78	ng/ul	99
38) 2,4,6-Trichlorophenol	12.52	196	113645	20.37	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	115381	20.03	ng/ul	94
40) 1,1'-Biphenyl	12.93	154	355316	19.63	ng/ul	97
41) 2-Chloronaphthalene	12.97	162	280003	19.66	ng/ul	94
42) 2-Nitroaniline	13.18	65	93544	22.46	ng/ul	97
44) Dimethylphthalate	13.58	163	385711	19.36	ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	78091	22.63	ng/ul#	81
47) Acenaphthylene	13.82	152	443004	19.68	ng/ul	100
48) 3-Nitroaniline	14.02	138	76898	22.10	ng/ul	96
49) Acenaphthene	14.17	153	295468	19.46	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	51939	20.79	ng/ul#	68
52) 4-Nitrophenol	14.34	109	112100	24.71	ng/ul#	84
53) Dibenzofuran	14.51	168	467314	20.32	ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	122225	22.83	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.74	232	122041	20.94	ng/ul#	94
56) Diethylphthalate	14.96	149	424601	20.26	ng/ul	94
58) Fluorene	15.16	166	398728	20.71	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.17	204	217530	20.79	ng/ul#	87
60) 4-Nitroaniline	15.19	138	86117	20.95	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.25	198	81909	19.36	ng/ul	94
64) N-Nitrosodiphenylamine	15.39	169	347688	19.39	ng/ul	97
65) 4-Bromophenyl-phenylether	16.06	248	145031	19.59	ng/ul#	87
66) Hexachlorobenzene	16.17	284	150263	19.27	ng/ul#	78
67) Atrazine	16.35	200	156631	20.74	ng/ul	95
68) Pentachlorophenol	16.52	266	103163	18.77	ng/ul	97
69) Phenanthrene	16.90	178	685319	19.94	ng/ul	98
71) Anthracene	17.00	178	704124	19.88	ng/ul	99
72) Carbazole	17.27	167	598940	19.39	ng/ul	98
73) Di-n-butylphthalate	17.86	149	754916	19.22	ng/ul	99
74) Fluoranthene	18.93	202	909978	20.54	ng/ul#	97
77) Pyrene	19.30	202	914372	20.60	ng/ul	97
78) Butylbenzylphthalate	20.23	149	360796	21.62	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.00	252	299460	19.48	ng/ul#	95
80) Benzo(a)anthracene	21.06	228	922430	20.61	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	535448	21.03	ng/ul	99
82) Chrysene	21.11	228	820517	20.56	ng/ul	98
84) Di-n-octyl phthalate	21.87	149	893193	21.64	ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	811548	21.16	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	736404	20.26	ng/ul	98
88) Benzo(a)pyrene	23.13	252	716200	20.29	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	732695	20.01	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	605679	19.85	ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	600161	20.59	ng/ul	98

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

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