Data Path : Z:\HPCHEM1\BNA_M\Data\BM062217\

Quantitation Report (Qedit)

Data File : BM010665.D
Acq On : 22 Jun 2017 18:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 04:06:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02044

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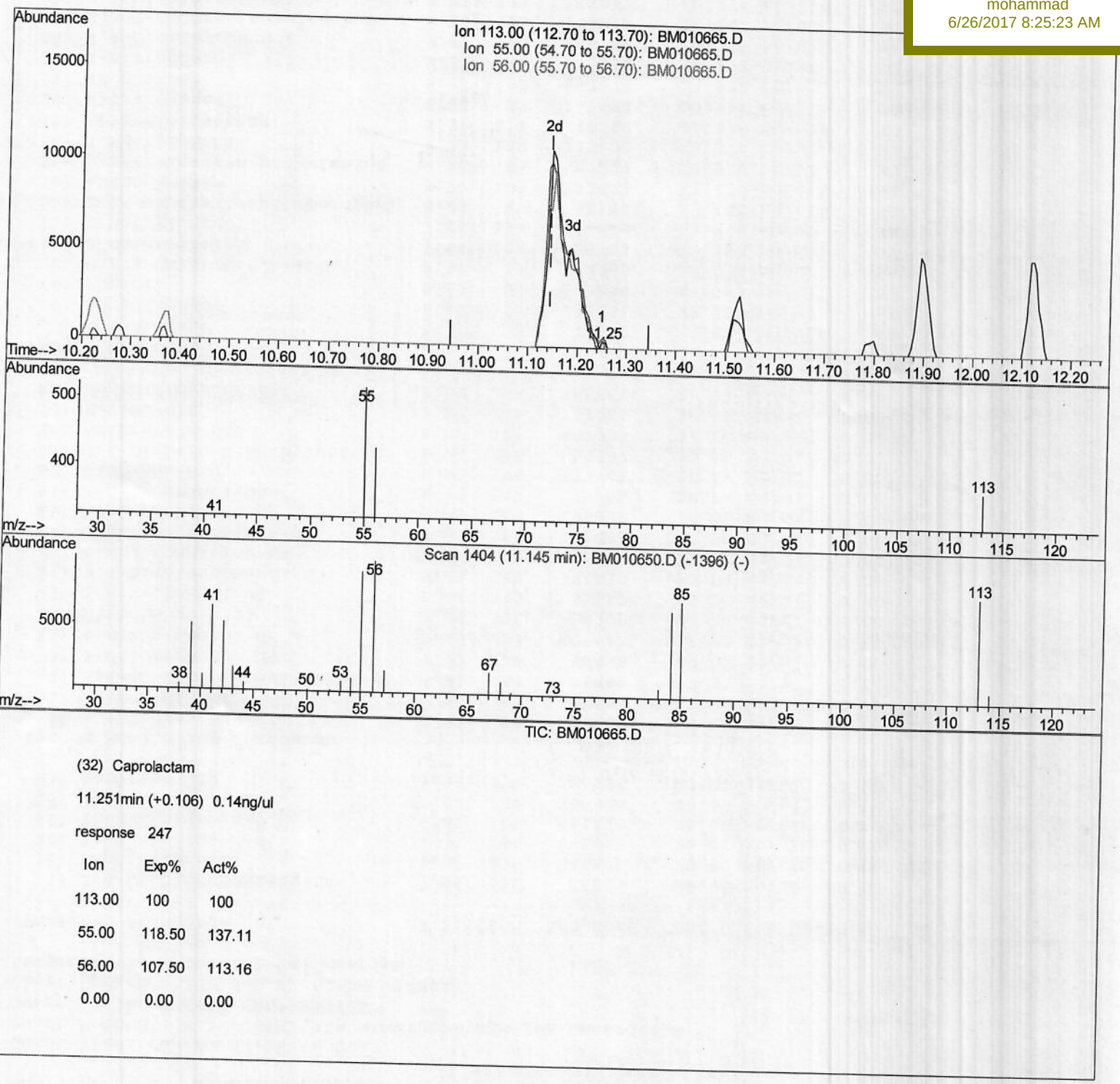

(32) Caprolactam

11.251min (+0.106) 0.14ng/ul

response 247

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	137.11
56.00	107.50	113.16
0.00	0.00	0.00

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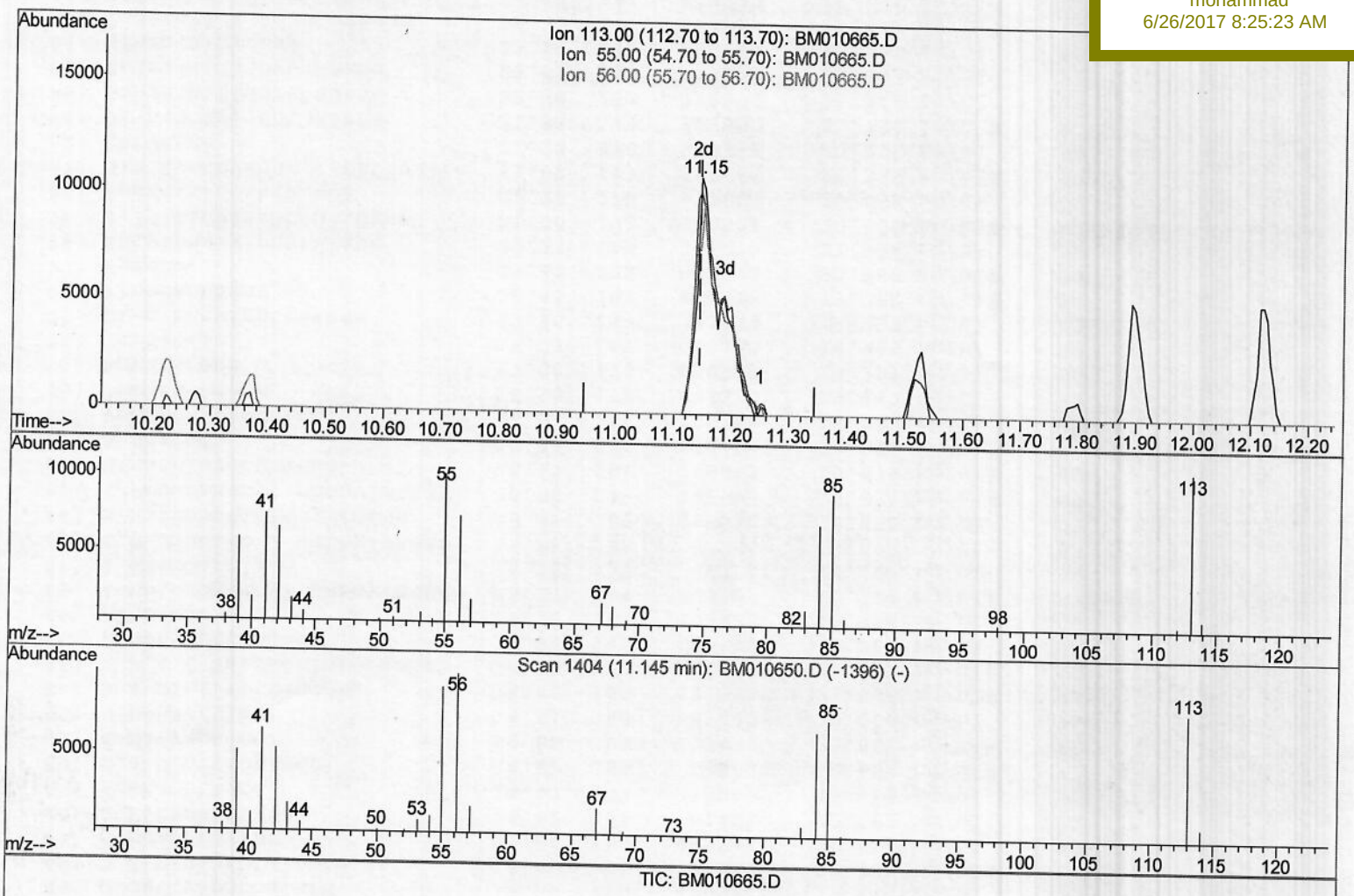

TIC: BM010665.D

(32) Caprolactam

11.145min (-0.000) 17.99ng/ul m

response 30972

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	93.79#
56.00	107.50	69.09#
0.00	0.00	0.00

S.J
06/23/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	63121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	291256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	204830	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	531861	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	615533	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	490065	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9001	8.17	ng/uL	0.00
5) Phenol-d5	6.65	99	104901	17.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	59270	17.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	81592	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	94496	18.95	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	40531	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	49819	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	101847	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	117902	22.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	362899	20.18	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	415777	19.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	60546	19.13	ng/ul	0.00
57) Fluorene-d10	15.12	176	307034	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	67679	20.72	ng/ul	0.00
70) Anthracene-d10	16.97	188	505907	19.70	ng/ul	0.00
76) Pyrene-d10	19.27	212	588472	20.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	478249	20.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	9951	8.09	ng/uL#	40
4) Benzaldehyde	6.62	77	75127	21.23	ng/ul	92
6) Phenol	6.67	94	109211	17.63	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	80925	17.95	ng/ul	91
10) 2-Chlorophenol	7.03	128	79131	18.77	ng/ul	98
11) 2-Methylphenol	7.90	108	86816	18.39	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	50195	15.95	ng/ul#	94
14) Acetophenone	8.27	105	151024	18.55	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.27	70	79277	18.07	ng/ul	95
16) 4-Methylphenol	8.23	108	98498	18.97	ng/ul	96
17) Hexachloroethane	8.52	117	38335	20.45	ng/ul#	79
20) Nitrobenzene	8.65	77	119174	19.66	ng/ul	97
21) Isophorone	9.17	82	217147	18.02	ng/ul	96
23) 2-Nitrophenol	9.35	139	50993	20.08	ng/ul	91
24) 2,4-Dimethylphenol	9.42	107	125916	19.50	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	120987	18.10	ng/ul	95
27) 2,4-Dichlorophenol	9.87	162	98522	20.08	ng/ul#	87
28) Naphthalene	10.27	128	281609	19.43	ng/ul	97
30) 4-Chloroaniline	10.39	127	114366	21.41	ng/ul	98
31) Hexachlorobutadiene	10.57	225	78697	21.27	ng/ul	93
32) Caprolactam	11.15	113	30972m	17.99	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	123263	19.70	ng/ul	94
34) 2-Methylnaphthalene	11.90	142	229717	19.72	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Instrument : BNA_M
LabSampleId : SSTD02044

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	149558	20.69 ng/ul#	96
37) Hexachlorocyclopentadiene	12.26	237	83574	20.11 ng/ul	96
38) 2,4,6-Trichlorophenol	12.52	196	100918	20.44 ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	104510	20.50 ng/ul	96
40) 1,1'-Biphenyl	12.94	154	321630	20.08 ng/ul	97
41) 2-Chloronaphthalene	12.97	162	248978	19.76 ng/ul	95
42) 2-Nitroaniline	13.19	65	77250	20.96 ng/ul	96
44) Dimethylphthalate	13.59	163	349000	19.80 ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	67905	22.24 ng/ul#	78
47) Acenaphthylene	13.83	152	389807	19.57 ng/ul	99
48) 3-Nitroaniline	14.03	138	63089	20.49 ng/ul	98
49) Acenaphthene	14.18	153	265131	19.73 ng/ul	97
50) 2,4-Dinitrophenol	14.23	184	45457	20.56 ng/ul#	77
52) 4-Nitrophenol	14.34	109	94128	23.45 ng/ul#	82
53) Dibenzofuran	14.52	168	406794	19.99 ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	103015	21.75 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.74	232	105464	20.45 ng/ul#	85
56) Diethylphthalate	14.97	149	367293	19.81 ng/ul	96
58) Fluorene	15.17	166	332235	19.50 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	187624	20.26 ng/ul#	88
60) 4-Nitroaniline	15.20	138	72766	20.01 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.26	198	72493	20.83 ng/ul#	98
64) N-Nitrosodiphenylamine	15.39	169	287451	19.49 ng/ul	95
65) 4-Bromophenyl-phenylether	16.07	248	120889	19.85 ng/ul	90
66) Hexachlorobenzene	16.17	284	127781	19.92 ng/ul#	82
67) Atrazine	16.36	200	131087	21.10 ng/ul	95
68) Pentachlorophenol	16.52	266	85366	18.88 ng/ul	99
69) Phenanthrene	16.91	178	549624	19.44 ng/ul	98
71) Anthracene	17.00	178	568278	19.51 ng/ul	99
72) Carbazole	17.27	167	486625	19.15 ng/ul	98
73) Di-n-butylphthalate	17.86	149	611422	18.92 ng/ul	99
74) Fluoranthene	18.94	202	705635	19.36 ng/ul#	97
77) Pyrene	19.30	202	721424	20.29 ng/ul#	97
78) Butylbenzylphthalate	20.24	149	279668	20.92 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.01	252	247382	20.09 ng/ul#	98
80) Benzo(a)anthracene	21.07	228	726880	20.28 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	408259	20.02 ng/ul#	99
82) Chrysene	21.12	228	643049	20.12 ng/ul	98
84) Di-n-octyl phthalate	21.88	149	672850	19.65 ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	670558	21.08 ng/ul	98
86) Benzo(k)fluoranthene	22.63	252	609192	20.20 ng/ul	98
88) Benzo(a)pyrene	23.13	252	587391	20.06 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.33	276	573763	18.89 ng/ul	97
90) Dibenzo(a,h)anthracene	25.35	278	470583	18.59 ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	451432	18.67 ng/ul	98

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

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