

Quant Time: Jan 12 13:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:46:25 2016
Response via : Initial Calibration

Manual Integrations APPROVED

[illegible]

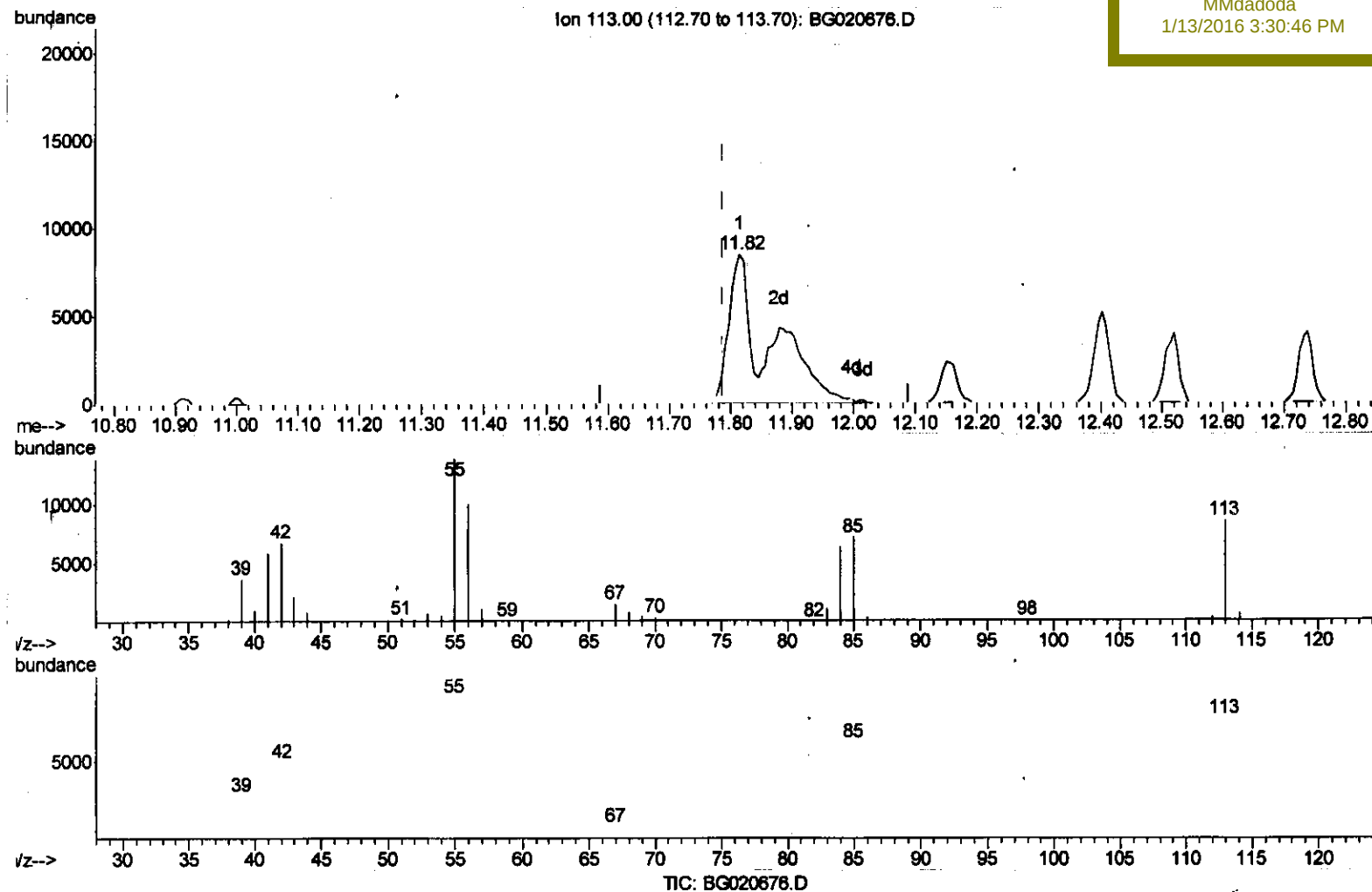
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020676.D
 Acq On : 12 Jan 2016 12:25
 Operator : SJ/IZ
 Sample : SSTD08019
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 12 13:05:17 2016
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(32) Caprolactam

11.815min (+0.026) 115.72ng/ul m

response 37252

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	162.42
56.00	115.90	117.46
0.00	0.00	0.00

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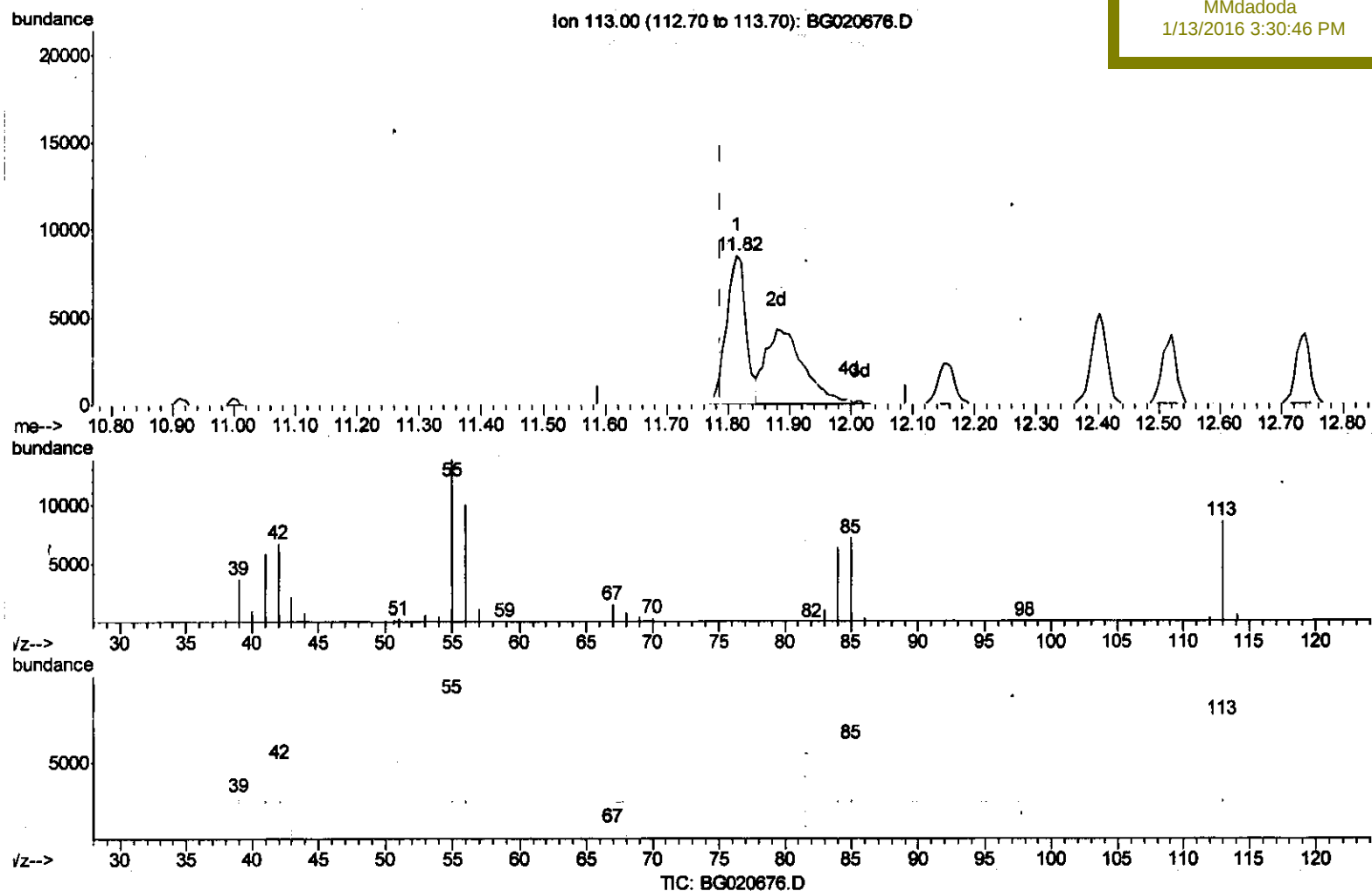
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(32) Caprolactam

11.815min (+0.026) 58.10ng/ul

response 18702

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	162.42
56.00	115.90	117.46
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	74759	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	53764	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	138171	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	164814	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	154067	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	10478	70.99	ng/uL	0.00
5) Phenol-d5	7.21	99	118939	80.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	68882	74.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	94045	77.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	101168	80.79	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	49111	79.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	58980	84.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	110454	81.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	113117	88.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	358532	74.91	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	408924	75.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	55562	94.07	ng/ul	0.00
58) Fluorene-d10	15.68	176	319519	75.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	69792	104.34	ng/ul	0.01
71) Anthracene-d10	17.54	188	517940	75.16	ng/ul	0.00
79) Pyrene-d10	19.82	212	591592	73.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	663018	79.35	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.44	88	12165	68.10 ng/uL#	86
4) Benzaldehyde	7.18	77	81134	77.39 ng/ul	93
6) Phenol	7.24	94	128826	80.54 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.46	93	92112	76.37 ng/ul	98
10) 2-Chlorophenol	7.61	128	98460	78.19 ng/ul	99
11) 2-Methylphenol	8.50	108	99095	80.64 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	120047	76.55 ng/ul	99
14) Acetophenone	8.88	105	162513	76.89 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	82852	76.41 ng/ul	95
16) 4-Methylphenol	8.83	108	109663	79.88 ng/ul	97
17) Hexachloroethane	9.13	117	40141	74.69 ng/ul	91
20) Nitrobenzene	9.27	77	122198	77.26 ng/ul	93
21) Isophorone	9.79	82	238747	77.76 ng/ul	96
23) 2-Nitrophenol	9.98	139	62236	79.88 ng/ul	98
24) 2,4-Dimethylphenol	10.04	107	130284	79.33 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.26	93	133933	78.06 ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	114321	80.15 ng/ul	99
28) Naphthalene	10.92	128	324664	75.02 ng/ul	98
30) 4-Chloroaniline	11.03	127	118430	84.83 ng/ul	95
31) Hexachlorobutadiene	11.19	225	90072	75.01 ng/ul	96
32) Caprolactam	11.82	113	37252m	115.72 ng/ul	96
33) 4-Chloro-3-methylphenol	12.16	107	124114	79.13 ng/ul	98
34) 2-Methylnaphthalene	12.52	142	244622	76.18 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	234511	76.98	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	173574	78.68	ng/ul	98
38) Hexachlorocyclopentadiene	12.86	237	53986	198.12	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.13	196	102452	83.78	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	111405	83.78	ng/ul	96
41) 1,1'-Biphenyl	13.52	154	334538	76.87	ng/ul	97
42) 2-Chloronaphthalene	13.57	162	273931	77.07	ng/ul	99
43) 2-Nitroaniline	13.78	65	84759	81.32	ng/ul	99
45) Dimethylphthalate	14.14	163	372457	72.22	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	81650	80.53	ng/ul	98
48) Acenaphthylene	14.41	152	430595	75.46	ng/ul	98
49) 3-Nitroaniline	14.60	138	71707	79.34	ng/ul	98
50) Acenaphthene	14.75	153	296053	75.52	ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	29851	216.80	ng/ul	95
53) 4-Nitrophenol	14.92	109	50212	90.80	ng/ul	92
54) Dibenzofuran	15.09	168	438552	73.99	ng/ul	99
55) 2,4-Dinitrotoluene	15.06	165	119743	77.45	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.32	232	103986	86.90	ng/ul#	97
57) Diethylphthalate	15.50	149	382175	73.00	ng/ul	99
59) Fluorene	15.74	166	353664	73.50	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	210110	75.15	ng/ul	100
61) 4-Nitroaniline	15.78	138	86364	83.81	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	72356	99.32	ng/ul#	98
65) N-Nitrosodiphenylamine	15.94	169	316104	77.34	ng/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	140733	80.27	ng/ul	99
67) Hexachlorobenzene	16.74	284	155209	79.64	ng/ul	98
68) Atrazine	16.89	200	140383	76.61	ng/ul	98
69) Pentachlorophenol	17.09	266	52317	124.49	ng/ul	99
70) Phenanthrene	17.48	178	615161	73.57	ng/ul	98
72) Anthracene	17.57	178	615814	72.83	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	163639	81.90	ng/uL	99
74) Pentachlorobenzene	15.01	250	168608	80.89	ng/uL	98
75) Carbazole	17.84	167	523986	73.17	ng/ul	97
76) Di-n-butylphthalate	18.38	149	624288	72.56	ng/ul	98
77) Fluoranthene	19.49	202	753571	70.21	ng/ul	99
80) Pyrene	19.85	202	762023	70.76	ng/ul	99
81) Butylbenzylphthalate	20.72	149	284469	79.61	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	266553	78.38	ng/ul	99
83) Benzo(a)anthracene	21.69	228	783096	74.53	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	414443	78.47	ng/ul	99
85) Chrysene	21.76	228	728823	73.93	ng/ul	97
87) Di-n-octyl phthalate	22.78	149	698827	77.96	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	785313	79.56	ng/ul	99
89) Benzo(k)fluoranthene	24.01	252	756016	75.58	ng/ul	98
91) Benzo(a)pyrene	24.82	252	746568	76.75	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	913026	97.17	ng/ul	99
93) Dibenzo(a,h)anthracene	28.76	278	750525	79.66	ng/ul	98
94) Benzo(g,h,i)perylene	29.89	276	752010	79.89	ng/ul	99

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Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)

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