

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
Data File : BM003341.D
Acq On : 01 Dec 2015 18:28
Operator : UM/IZ
Sample : SSTD08065
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:42:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 02 00:24:50 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	1005235	73.84	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	529174	76.62	ng/ul	99
38) Hexachlorocyclopentadiene	12.54	237	332950	83.07	ng/ul	100
39) 2,4,6-Trichlorophenol	12.80	196	360416	85.13	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	391895	85.70	ng/ul	99
41) 1,1'-Biphenyl	13.21	154	1354809	74.40	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	1035749	76.64	ng/ul	98
43) 2-Nitroaniline	13.46	65	277376	100.07	ng/ul	96
45) Dimethylphthalate	13.84	163	1264015	76.55	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	276601	99.84	ng/ul	99
48) Acenaphthylene	14.10	152	1647266	74.94	ng/ul	99
49) 3-Nitroaniline	14.29	138	262077	90.62	ng/ul	98
50) Acenaphthene	14.45	153	1080813	73.16	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	150681	101.61	ng/ul	97
53) 4-Nitrophenol	14.60	109	184389	87.98	ng/ul	96
54) Dibenzofuran	14.78	168	1509324	73.03	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	376040	96.28	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.01	232	307430	82.75	ng/ul	97
57) Diethylphthalate	15.21	149	1245835	77.18	ng/ul	99
59) Fluorene	15.43	166	1107762	69.25	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	545215	72.09	ng/ul	99
61) 4-Nitroaniline	15.46	138	294523	93.30	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.52	198	210662	96.31	ng/ul#	92
65) N-Nitrosodiphenylamine	15.65	169	1013451	77.98	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	343606	81.13	ng/ul	99
67) Hexachlorobenzene	16.44	284	372001	73.59	ng/ul	99
68) Atrazine	16.60	200	350053	79.77	ng/ul	99
69) Pentachlorophenol	16.78	266	226947	82.19	ng/ul	99
70) Phenanthrene	17.17	178	1733750	71.52	ng/ul	100
72) Anthracene	17.26	178	1746318	73.38	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	563864	84.21	ng/uL	100
74) Pentachlorobenzene	14.70	250	479436	76.96	ng/uL	99
75) Carbazole	17.53	167	1574166	77.67	ng/ul	99
76) Di-n-butylphthalate	18.10	149	1870091	81.62	ng/ul	100
77) Fluoranthene	19.19	202	1779559	73.38	ng/ul	99
80) Pyrene	19.56	202	1773209	74.67	ng/ul	100
81) Butylbenzylphthalate	20.46	149	753877	105.56	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.24	252	495859	94.42	ng/ul	98
83) Benzo(a)anthracene	21.31	228	1617075	80.14	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	997861	91.57	ng/ul	99
85) Chrysene	21.36	228	1536490	77.41	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1802923	98.74	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	1582440	79.06	ng/ul	100
89) Benzo(k)fluoranthene	22.95	252	1525796	81.48	ng/ul	99
91) Benzo(a)pyrene	23.49	252	1533232	80.48	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	1771731	83.63	ng/ul	100
93) Dibenzo(a,h)anthracene	25.89	278	1468284	86.75	ng/ul	99
94) Benzo(g,h,i)perylene	26.57	276	1517770	80.44	ng/ul	99

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1) 1,4-Dichlorobenzene-d4	7.73	152	83000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	380746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	212812	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	424698	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	360412	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	341756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	51321	28.92	ng/uL	0.00
5) Phenol-d5	6.90	99	542819	82.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	288282	75.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	463088	82.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	460568	86.02	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	231311	95.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	253466	102.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	453586	84.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	518714	78.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1253857	77.57	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1553908	75.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	239007	87.17	ng/ul	0.02
58) Fluorene-d10	15.37	176	1032431	73.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	195853	97.28	ng/ul	0.01
71) Anthracene-d10	17.23	188	1445825	75.75	ng/ul	0.00
79) Pyrene-d10	19.53	212	1396319	78.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1342363	81.39	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	60213	30.45	ng/uL	97
4) Benzaldehyde	6.87	77	333431	96.33	ng/ul	99
6) Phenol	6.93	94	568997	83.38	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.16	93	427365	78.74	ng/ul	100
10) 2-Chlorophenol	7.29	128	476364	81.69	ng/ul	98
11) 2-Methylphenol	8.17	108	453208	85.25	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	425159	66.44	ng/ul	99
14) Acetophenone	8.55	105	671415	82.28	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	323613	80.61	ng/ul	99
16) 4-Methylphenol	8.51	108	492227	85.25	ng/ul	99
17) Hexachloroethane	8.80	117	177790	80.58	ng/ul	99
20) Nitrobenzene	8.93	77	497953	85.98	ng/ul	96
21) Isophorone	9.46	82	947292	82.39	ng/ul	99
23) 2-Nitrophenol	9.64	139	275692	96.44	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	530664	81.44	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.94	93	588983	78.69	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	467884	84.27	ng/ul	99
28) Naphthalene	10.57	128	1476662	76.02	ng/ul	99
30) 4-Chloroaniline	10.68	127	525309	76.53	ng/ul	99
31) Hexachlorobutadiene	10.86	225	274287	79.97	ng/ul	98
32) Caprolactam	11.46	113	146365m →	94.56	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	499969	85.77	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	1062766	75.87	ng/ul	100

U. M
 12/02/15

Quantitation Report (Qedit)

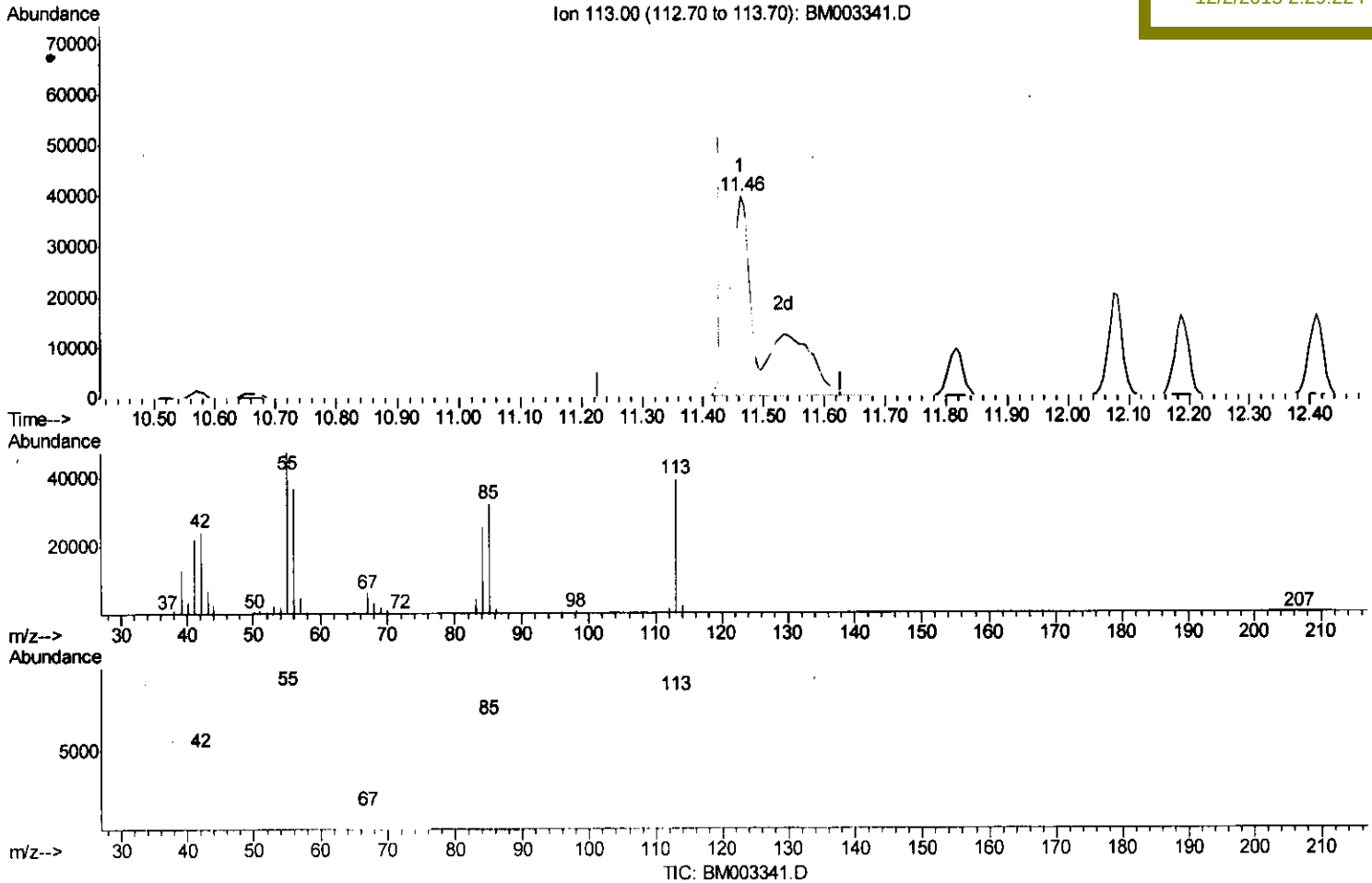
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(32) Caprolactam

11.463min (+0.035) 94.56ng/ul m

response 146365

Ion	Exp%	Act%
113.00	100	100
55.00	120.40	119.99
56.00	92.70	93.87
0.00	0.00	0.00

U.M
 12/02/15

Quantitation Report (Qedit)

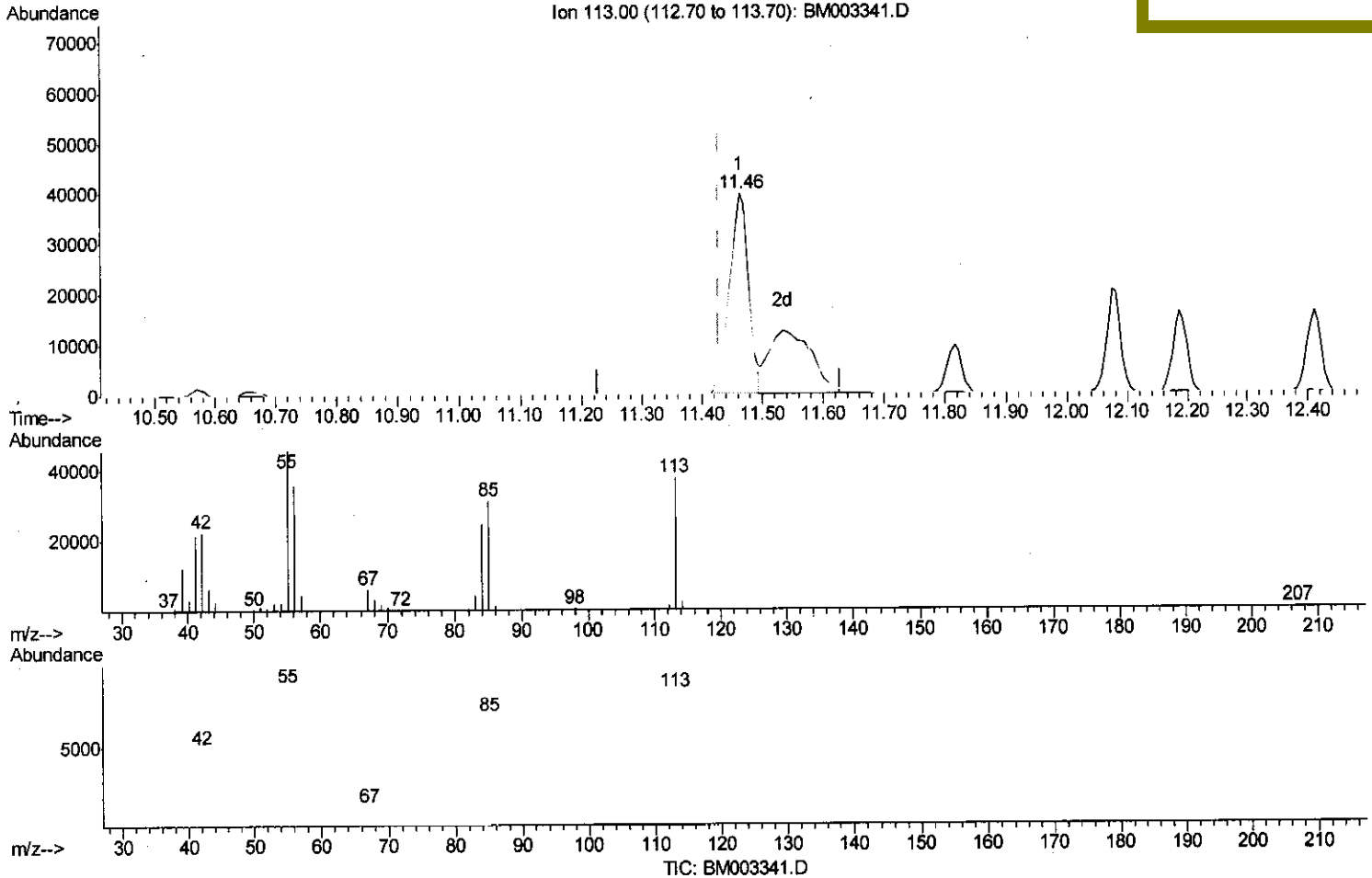
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(32) Caprolactam

11.463min (+0.035) 54.71ng/ul

response 84687

Ion	Exp%	Act%
113.00	100	100
55.00	120.40	119.99
56.00	92.70	93.87
0.00	0.00	0.00

(QT Reviewed)

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