

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
Data File : BM003340.D
Acq On : 01 Dec 2015 17:52
Operator : UM/IZ
Sample : SSTD04064
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 02 00:37:58 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 :
SSTD04064

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 2:29:28 PM

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

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
 Data File : BM003340.D
 Acq On : 01 Dec 2015 17:52
 Operator : UM/IZ
 Sample : SSTD04064
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04064

Quant Time: Dec 02 00:37:58 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

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 2:29:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	493586	38.57	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	258227	41.15	ng/ul	98
38) Hexachlorocyclopentadiene	12.54	237	150313	41.27	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	167303	43.49	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	182856	44.01	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	670834	40.54	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	502647	40.93	ng/ul	100
43) 2-Nitroaniline	13.46	65	123641	49.09	ng/ul	97
45) Dimethylphthalate	13.83	163	605401	40.35	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	123391	49.01	ng/ul	97
48) Acenaphthylene	14.10	152	809017	40.51	ng/ul	99
49) 3-Nitroaniline	14.28	138	121218	46.12	ng/ul	99
50) Acenaphthene	14.44	153	527030	39.26	ng/ul	100
51) 2,4-Dinitrophenol	14.49	184	59311	44.02	ng/ul	97
53) 4-Nitrophenol	14.59	109	84616	44.43	ng/ul	98
54) Dibenzofuran	14.78	168	740407	39.43	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	175081	49.33	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.00	232	141976	42.06	ng/ul	96
57) Diethylphthalate	15.20	149	590908	40.28	ng/ul	100
59) Fluorene	15.43	166	564586	38.84	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	275393	40.08	ng/ul	98
61) 4-Nitroaniline	15.45	138	132151	46.07	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	91327	44.60	ng/ul	96
65) N-Nitrosodiphenylamine	15.64	169	492169	40.45	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	164041	41.37	ng/ul	97
67) Hexachlorobenzene	16.43	284	179867	38.01	ng/ul	99
68) Atrazine	16.59	200	167307	40.73	ng/ul	100
69) Pentachlorophenol	16.77	266	101364	39.21	ng/ul	99
70) Phenanthrene	17.17	178	872512	38.44	ng/ul	100
72) Anthracene	17.26	178	881112	39.55	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	275450	43.94	ng/uL	99
74) Pentachlorobenzene	14.70	250	234196	40.16	ng/uL	99
75) Carbazole	17.53	167	786615	41.46	ng/ul	100
76) Di-n-butylphthalate	18.09	149	900361	41.97	ng/ul	100
77) Fluoranthene	19.19	202	925940	40.78	ng/ul	100
80) Pyrene	19.56	202	939312	38.66	ng/ul	99
81) Butylbenzylphthalate	20.46	149	365318	50.00	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.24	252	265025	49.33	ng/ul	98
83) Benzo(a)anthracene	21.31	228	869491	42.12	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	514093	46.11	ng/ul	99
85) Chrysene	21.36	228	825107	40.63	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	903010	47.88	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	838685	40.57	ng/ul	99
89) Benzo(k)fluoranthene	22.94	252	834233	43.13	ng/ul	100
91) Benzo(a)pyrene	23.49	252	824267	41.89	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	953036	43.55	ng/ul	99
93) Dibenzo(a,h)anthracene	25.87	278	808957	46.27	ng/ul	99
94) Benzo(g,h,i)perylene	26.56	276	804818	41.30	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
 Data File : BM003340.D
 Acq On : 01 Dec 2015 17:52
 Operator : UM/IZ
 Sample : SST04064
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST04064

Quant Time: Dec 02 00:37:58 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

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 2:29:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	80185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	357974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	193376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	397590	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	368746	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	352998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	26390	15.39	ng/uL	0.00
5) Phenol-d5	6.89	99	265788	41.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	145277	39.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	223687	41.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	221292	42.78	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	109602	48.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	115556	49.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	216226	42.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	241510	39.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	597443	40.68	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	752717	40.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	108188	43.43	ng/ul	0.00
58) Fluorene-d10	15.37	176	498407	39.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	84386	44.77	ng/ul	0.00
71) Anthracene-d10	17.22	188	711333	39.81	ng/ul	0.00
79) Pyrene-d10	19.53	212	723163	39.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	714556	41.94	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	30829	16.14	ng/uL	98
4) Benzaldehyde	6.87	77	164324	49.14	ng/ul	99
6) Phenol	6.92	94	279113	42.33	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	212607	40.55	ng/ul	99
10) 2-Chlorophenol	7.29	128	232970	41.36	ng/ul	98
11) 2-Methylphenol	8.17	108	217102	42.27	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	212332	34.35	ng/ul	99
14) Acetophenone	8.55	105	334078	42.38	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	159953	41.24	ng/ul	99
16) 4-Methylphenol	8.50	108	238978	42.84	ng/ul	99
17) Hexachloroethane	8.80	117	87079	40.85	ng/ul	99
20) Nitrobenzene	8.93	77	240408	44.15	ng/ul	97
21) Isophorone	9.45	82	448447	41.49	ng/ul	99
23) 2-Nitrophenol	9.63	139	130133	48.42	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	257570	42.04	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	284727	40.46	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	222503	42.62	ng/ul	99
28) Naphthalene	10.57	128	728930	39.91	ng/ul	100
30) 4-Chloroaniline	10.68	127	244957	37.96	ng/ul	99
31) Hexachlorobutadiene	10.86	225	133604	41.43	ng/ul	99
32) Caprolactam	11.43	113	62802m →	43.15	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	231731	42.28	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	523483	39.75	ng/ul	99

U.M
 12/02/15

Quantitation Report (Qedit)

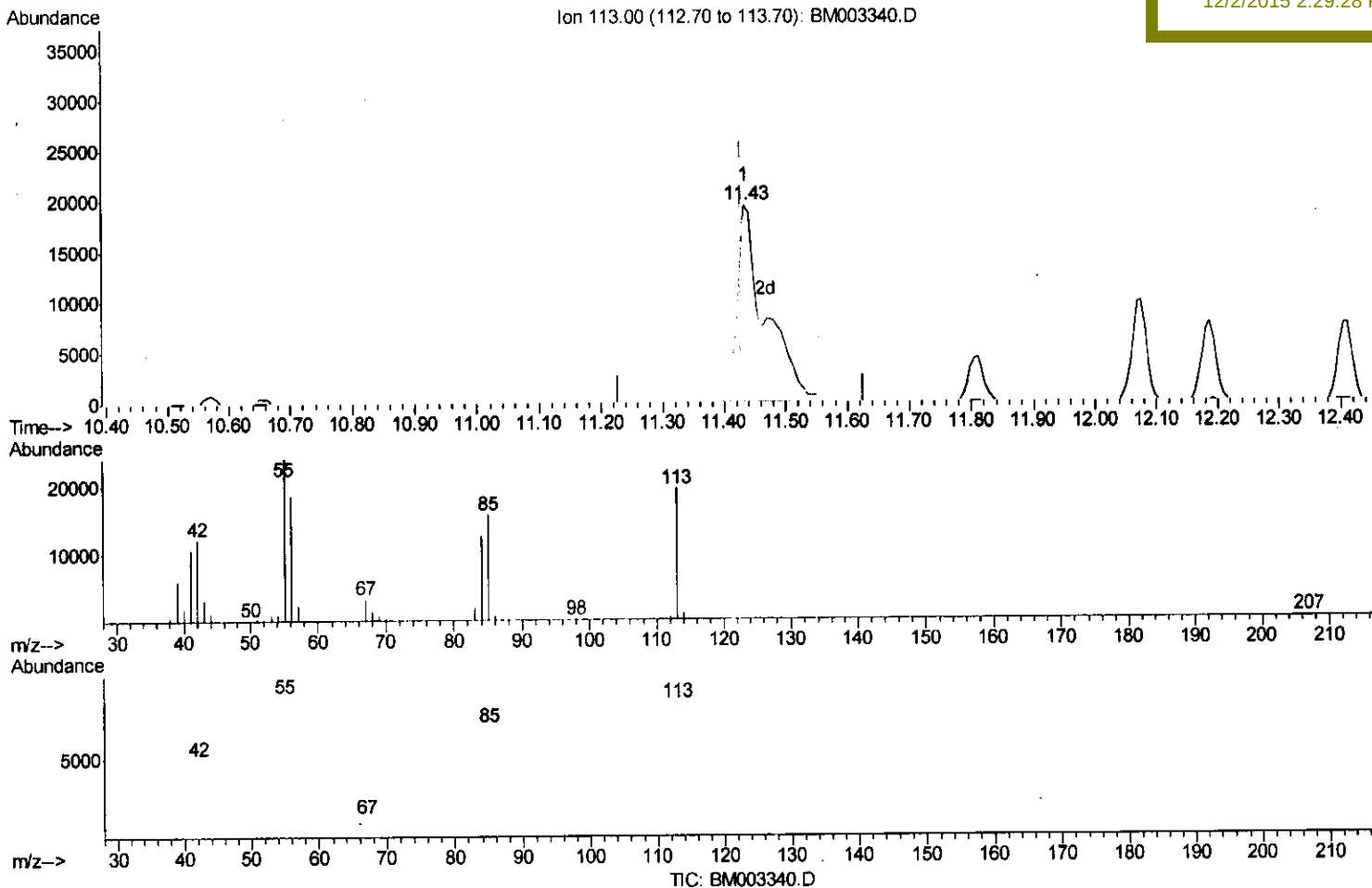
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
 Data File : BM003340.D
 Acq On : 01 Dec 2015 17:52
 Operator : UM/IZ
 Sample : SSTD04064
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04064

Quant Time: Dec 02 00:30:06 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

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 2:29:28 PM



(32) Caprolactam

11.433min (+0.006) 43.15ng/ul m

response 62802

Ion	Exp%	Act%
113.00	100	100
55.00	120.40	123.58
56.00	92.70	95.06
0.00	0.00	0.00

U.M
 12/02/15

Quantitation Report (Qedit)

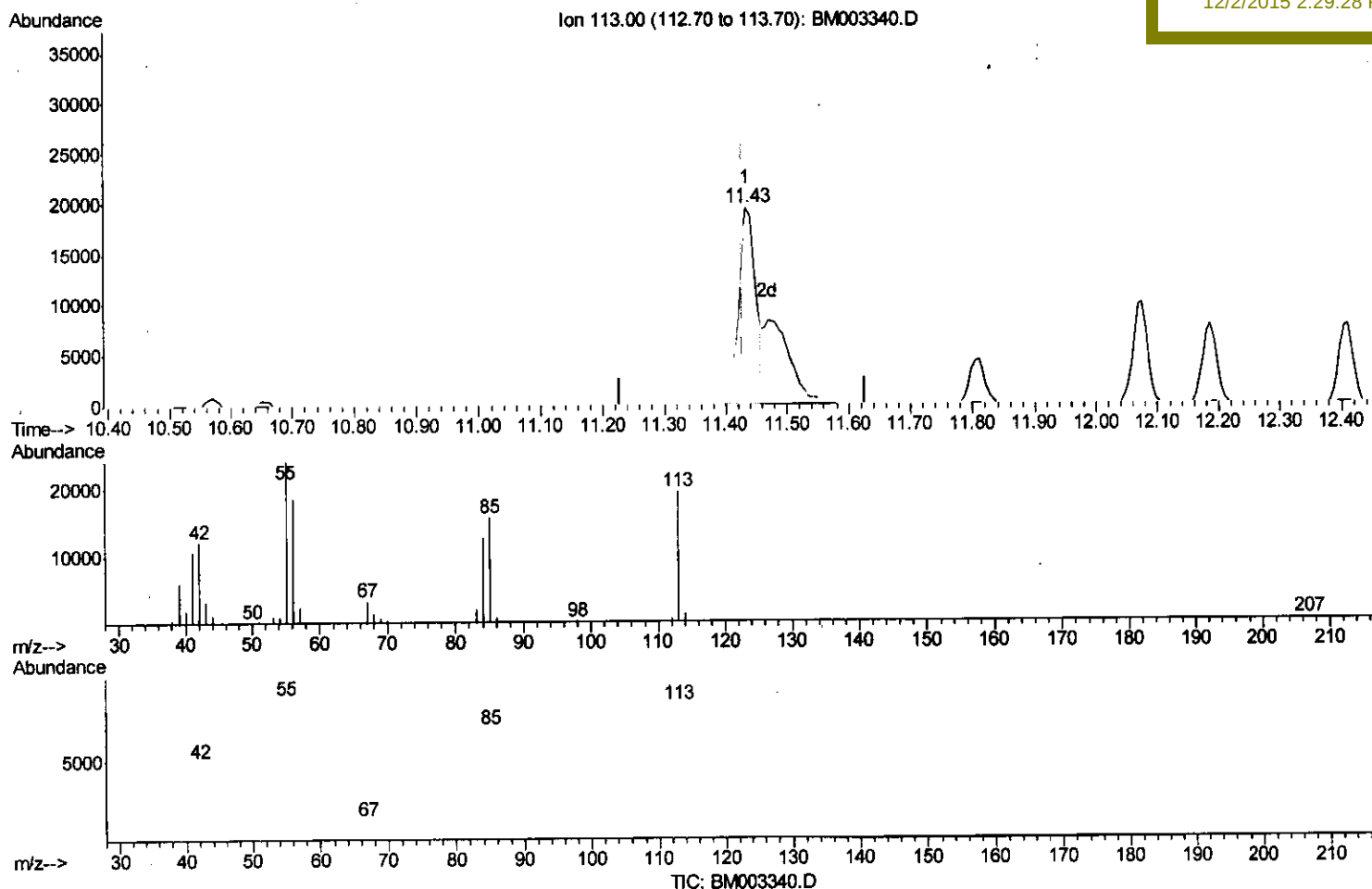
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
 Data File : BM003340.D
 Acq On : 01 Dec 2015 17:52
 Operator : UM/IZ
 Sample : SSTD04064
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 SSTD04064

Quant Time: Dec 02 00:30:06 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

Manual Integrations
APPROVED

Mmdadoda
 12/2/2015 2:29:28 PM



(32) Caprolactam

11.433min (+0.006) 25.92ng/ul

response 37726

Ion	Exp%	Act%
113.00	100	100
55.00	120.40	123.58
56.00	92.70	95.06
0.00	0.00	0.00

(QT Reviewed)

```
Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM120115\  
Data File  : BM003340.D  
Acq On     : 01 Dec 2015   17:52  
Operator   : UM/IZ  
Sample     : SSTD04064  
Misc       :  
ALS Vial   : 5      Sample Multiplier: 1
```

Quant Time: Dec 02 00:37:58 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 :
SSTD04064

Manual Integrations

Mmdadoda
12/2/2015 2:29:28 PM

