

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061215\  
 Data File : BM001660.D  
 Acq On : 12 Jun 2015 03:38  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001

Manual Integrations  
 APPROVED

apatel  
 6/15/2015 12:41:47 PM

Quant Time: Jun 12 16:48:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM061215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 12 16:27:37 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 18709    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.47 | 136  | 69979    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.34 | 164  | 35709    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.06 | 188  | 42837    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.27 | 240  | 62999    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.50 | 264  | 46841    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.27  | 112  | 4176     | 0.94 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.84  | 99   | 5269     | 0.95 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.85  | 82   | 4970     | 0.93 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.83 | 330  | 1292     | 0.99 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.96 | 172  | 11902    | 0.95 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.71 | 244  | 9185     | 0.97 | ng    | -0.01    |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.21  | 88   | 2084     | 1.02 | ng    | 98       |
| 3) n-Nitrosodimethylamine      | 3.51  | 42   | 3307     | 1.01 | ng    | # 95     |
| 8) Nitrobenzene                | 8.89  | 77   | 5366     | 0.93 | ng    | 100      |
| 9) Naphthalene                 | 10.52 | 128  | 15988    | 0.94 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.80 | 225  | 2687     | 0.95 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.15 | 142  | 10536    | 0.96 | ng    | 99       |
| 15) Acenaphthylene             | 14.05 | 152  | 15967    | 0.96 | ng    | 100      |
| 16) Acenaphthene               | 14.40 | 154  | 9971     | 0.94 | ng    | 100      |
| 17) Fluorene                   | 15.36 | 166  | 10981    | 1.01 | ng    | 99       |
| 19) 4-Bromophenyl-phenylether  | 16.27 | 248  | 4155     | 0.97 | ng    | # 94     |
| 20) Hexachlorobenzene          | 16.38 | 284  | 4268     | 1.09 | ng    | 93       |
| 21) Pentachlorophenol          | 16.72 | 266  | 1123     | 0.99 | ng    | 99       |
| 22) Phenanthrene               | 17.12 | 178  | 12322m   | 0.88 | ng    |          |
| 23) Anthracene                 | 17.19 | 178  | 17619m   | 1.06 | ng    |          |
| 24) Fluoranthene               | 19.14 | 202  | 20224    | 0.97 | ng    | 99       |
| 26) Pyrene                     | 19.50 | 202  | 21055    | 0.97 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.25 | 228  | 17369    | 0.88 | ng    | 97       |
| 29) Chrysene                   | 21.30 | 228  | 18630    | 0.98 | ng    | 96       |
| 30) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 11369    | 0.99 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.75 | 276  | 12207    | 0.82 | ng    | 99       |
| 33) Benzo(b)fluoranthene       | 22.82 | 252  | 14809    | 0.97 | ng    | 98       |
| 34) Benzo(k)fluoranthene       | 22.87 | 252  | 13940    | 0.94 | ng    | 98       |
| 35) Benzo(a)pyrene             | 23.40 | 252  | 11816    | 0.93 | ng    | 97       |
| 36) Dibenzo(a,h)anthracene     | 25.77 | 278  | 9420     | 0.88 | ng    | 99       |
| 37) Benzo(g,h,i)perylene       | 26.44 | 276  | 10583    | 0.99 | ng    | 99       |

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

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