

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062215\  
 Data File : BM001777.D  
 Acq On : 22 Jun 2015 17:48  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Manual Integrations  
 APPROVED

apatel  
 6/23/2015 3:35:24 PM

Quant Time: Jun 23 04:43:58 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM061915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 05:05:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.66  | 152  | 19265    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.44 | 136  | 72304    | 5.00 | ng    | -0.02    |
| 12) Acenaphthene-d10           | 14.31 | 164  | 35686    | 5.00 | ng    | -0.01    |
| 18) Phenanthrene-d10           | 17.06 | 188  | 83262    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.25 | 240  | 60912    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.47 | 264  | 53641    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.25  | 112  | 4644     | 1.03 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.83  | 99   | 6059     | 1.05 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.81  | 82   | 5660     | 1.00 | ng    | -0.01    |
| 13) 2,4,6-Tribromophenol       | 15.80 | 330  | 1310     | 1.18 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.94 | 172  | 12414    | 0.97 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.70 | 244  | 9180     | 1.02 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.18  | 88   | 2157     | 0.98 | ng    | 97       |
| 3) n-Nitrosodimethylamine      | 3.48  | 42   | 3442     | 1.01 | ng    | # 98     |
| 8) Nitrobenzene                | 8.86  | 77   | 6101     | 1.01 | ng    | 99       |
| 9) Naphthalene                 | 10.49 | 128  | 17272    | 0.98 | ng    | 99       |
| 10) Hexachlorobutadiene        | 10.78 | 225  | 2846     | 0.96 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.12 | 142  | 11224    | 1.00 | ng    | 97       |
| 15) Acenaphthylene             | 14.03 | 152  | 17150    | 1.01 | ng    | 100      |
| 16) Acenaphthene               | 14.37 | 154  | 10447    | 0.98 | ng    | 99       |
| 17) Fluorene                   | 15.36 | 166  | 8688     | 0.95 | ng    | 100      |
| 19) 4-Bromophenyl-phenylether  | 16.24 | 248  | 4196     | 1.23 | ng    | # 80     |
| 20) Hexachlorobenzene          | 16.38 | 284  | 2216     | 0.94 | ng    | # 100    |
| 21) Pentachlorophenol          | 16.72 | 266  | 1127     | 1.08 | ng    | 99       |
| 22) Phenanthrene               | 17.09 | 178  | 29427    | 1.03 | ng    | 98       |
| 23) Anthracene                 | 17.19 | 178  | 11890m   | 0.99 | ng    |          |
| 24) Fluoranthene               | 19.12 | 202  | 19748    | 1.10 | ng    | 99       |
| 26) Pyrene                     | 19.48 | 202  | 20892    | 0.99 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.24 | 228  | 17768    | 0.97 | ng    | 99       |
| 29) Chrysene                   | 21.28 | 228  | 18311    | 0.95 | ng    | 100      |
| 30) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 10871    | 1.03 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 17820    | 0.96 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.80 | 252  | 17158    | 0.97 | ng    | 99       |
| 34) Benzo(k)fluoranthene       | 22.84 | 252  | 15600    | 0.99 | ng    | 100      |
| 35) Benzo(a)pyrene             | 23.38 | 252  | 14875    | 1.00 | ng    | 96       |
| 36) Dibenzo(a,h)anthracene     | 25.72 | 278  | 14235    | 0.97 | ng    | 100      |
| 37) Benzo(g,h,i)perylene       | 26.39 | 276  | 14861    | 0.96 | ng    | 99       |

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

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