

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060815\  
 Data File : BM001599.D  
 Acq On : 09 Jun 2015 00:35  
 Operator : TP/IZ  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC001

Manual Integrations  
 APPROVED

apatel  
 6/10/2015 1:04:10 PM

Quant Time: Jun 09 17:11:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM060815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 09 16:51:10 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 19570    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.47 | 136  | 67683    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.35 | 164  | 30085    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.09 | 188  | 40324    | 5.00 | ng    | 0.03     |
| 25) Chrysene-d12               | 21.28 | 240  | 50143    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.51 | 264  | 44619    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.28  | 112  | 4357     | 0.98 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.84  | 99   | 5294     | 0.97 | ng    | -0.02    |
| 7) Nitrobenzene-d5             | 8.85  | 82   | 4648     | 0.97 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.83 | 330  | 1190     | 0.98 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.96 | 172  | 9777     | 1.00 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.72 | 244  | 6334     | 0.97 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.21  | 88   | 2048     | 0.95 | ng    | 100      |
| 3) n-Nitrosodimethylamine      | 3.52  | 42   | 3039     | 0.98 | ng    | 100      |
| 8) Nitrobenzene                | 8.89  | 77   | 4958     | 0.97 | ng    | 100      |
| 9) Naphthalene                 | 10.52 | 128  | 14886    | 0.98 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.82 | 225  | 2578     | 0.99 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.15 | 142  | 9046     | 0.97 | ng    | 100      |
| 15) Acenaphthylene             | 14.06 | 152  | 13208    | 0.98 | ng    | 100      |
| 16) Acenaphthene               | 14.41 | 154  | 8348     | 0.98 | ng    | 100      |
| 17) Fluorene                   | 15.36 | 166  | 5641     | 0.91 | ng    | 100      |
| 19) 4-Bromophenyl-phenylether  | 16.27 | 248  | 3817     | 1.00 | ng    | 99       |
| 20) Hexachlorobenzene          | 16.38 | 284  | 2024     | 0.86 | ng    | # 79     |
| 21) Pentachlorophenol          | 16.72 | 266  | 691      | 0.99 | ng    | 100      |
| 22) Phenanthrene               | 17.12 | 178  | 15772m   | 1.05 | ng    |          |
| 23) Anthracene                 | 17.19 | 178  | 8207m    | 0.90 | ng    |          |
| 24) Fluoranthene               | 19.15 | 202  | 14853    | 0.96 | ng    | 100      |
| 26) Pyrene                     | 19.52 | 202  | 15491    | 0.95 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.25 | 228  | 13897    | 0.95 | ng    | 100      |
| 29) Chrysene                   | 21.31 | 228  | 13714    | 0.99 | ng    | 100      |
| 30) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 7586     | 0.90 | ng    | 100      |
| 31) Indeno(1,2,3-cd)pyrene     | 25.77 | 276  | 13442    | 0.96 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.83 | 252  | 12883    | 0.96 | ng    | 100      |
| 34) Benzo(k)fluoranthene       | 22.88 | 252  | 12891    | 1.00 | ng    | 100      |
| 35) Benzo(a)pyrene             | 23.42 | 252  | 11485    | 0.97 | ng    | 100      |
| 36) Dibenzo(a,h)anthracene     | 25.78 | 278  | 10410    | 0.96 | ng    | 100      |
| 37) Benzo(g,h,i)perylene       | 26.46 | 276  | 11251    | 0.96 | ng    | 100      |

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

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