

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061215\  
 Data File : BM001655.D  
 Acq On : 11 Jun 2015 23:24  
 Operator : TP/IZ  
 Sample : SSTDICC0.5  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.5

Manual Integrations  
 APPROVED

apatel  
 6/15/2015 12:41:29 PM

Quant Time: Jun 12 02:17:49 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 02:07:30 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 16684    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.47 | 136  | 62120    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.34 | 164  | 31706    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.06 | 188  | 41765    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.27 | 240  | 62215    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.51 | 264  | 50437    | 5.00 | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.27  | 112  | 1839     | 0.48 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.84  | 99   | 2280     | 0.49 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.85  | 82   | 2173     | 0.49 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.83 | 330  | 558      | 0.44 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.96 | 172  | 5259     | 0.51 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.72 | 244  | 4290     | 0.52 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.21  | 88   | 963      | 0.52 | ng    | 97       |
| 3) n-Nitrosodimethylamine      | 3.51  | 42   | 1377     | 0.52 | ng    | # 98     |
| 8) Nitrobenzene                | 8.89  | 77   | 2298     | 0.48 | ng    | 100      |
| 9) Naphthalene                 | 10.52 | 128  | 7169     | 0.51 | ng    | 98       |
| 10) Hexachlorobutadiene        | 10.80 | 225  | 1186     | 0.50 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.15 | 142  | 4605     | 0.53 | ng    | 98       |
| 15) Acenaphthylene             | 14.05 | 152  | 6677     | 0.47 | ng    | 100      |
| 16) Acenaphthene               | 14.40 | 154  | 4448     | 0.50 | ng    | 99       |
| 17) Fluorene                   | 15.36 | 166  | 4659     | 0.71 | ng    | 100      |
| 19) 4-Bromophenyl-phenylether  | 16.27 | 248  | 1844     | 0.46 | ng    | # 98     |
| 20) Hexachlorobenzene          | 16.38 | 284  | 1716     | 0.70 | ng    | 100      |
| 21) Pentachlorophenol          | 16.72 | 266  | 406      | 0.53 | ng    | 94       |
| 22) Phenanthrene               | 17.12 | 178  | 5982     | 0.42 | ng    | # 100    |
| 23) Anthracene                 | 17.19 | 178  | 7346m    | 0.73 | ng    |          |
| 24) Fluoranthene               | 19.14 | 202  | 9243     | 0.55 | ng    | 100      |
| 26) Pyrene                     | 19.50 | 202  | 9697     | 0.48 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.25 | 228  | 8647     | 0.47 | ng    | 97       |
| 29) Chrysene                   | 21.30 | 228  | 8873     | 0.51 | ng    | 97       |
| 30) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 4997     | 0.47 | ng    | 100      |
| 31) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 6491     | 0.38 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.82 | 252  | 8159     | 0.53 | ng    | 98       |
| 34) Benzo(k)fluoranthene       | 22.88 | 252  | 6874     | 0.47 | ng    | 96       |
| 35) Benzo(a)pyrene             | 23.41 | 252  | 6232     | 0.47 | ng    | 96       |
| 36) Dibenzo(a,h)anthracene     | 25.77 | 278  | 5084     | 0.42 | ng    | 95       |
| 37) Benzo(g,h,i)perylene       | 26.45 | 276  | 5650     | 0.43 | ng    | 97       |

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

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