

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\  
 Data File : BM004506.D  
 Acq On : 02 Mar 2016 05:34  
 Operator : SJ/UM  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC001

Manual Integrations  
 APPROVED

UMANGI  
 3/2/2016 1:19:19 PM

Quant Time: Mar 02 07:04:31 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 02 06:56:42 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.60  | 152  | 21273    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.39 | 136  | 81466    | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.26 | 164  | 41338    | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.01 | 188  | 95177    | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12               | 21.23 | 240  | 73284    | 5.00 | ng    | 0.00     |
| 35) Perylene-d12               | 23.45 | 264  | 70626    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.24  | 112  | 3931     | 0.81 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.83  | 99   | 4700     | 0.86 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.80  | 82   | 3415     | 0.84 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.79 | 330  | 1012     | 0.66 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.88 | 172  | 11904    | 0.94 | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.67 | 244  | 11486    | 1.17 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.10  | 88   | 1901     | 0.78 | ng    | 100      |
| 3) n-Nitrosodimethylamine      | 3.43  | 42   | 1355     | 0.65 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether     | 7.04  | 93   | 4215     | 0.74 | ng    | 99       |
| 9) Nitrobenzene                | 8.84  | 77   | 3723     | 0.69 | ng    | 100      |
| 10) Naphthalene                | 10.44 | 128  | 17516    | 0.70 | ng    | 100      |
| 11) Hexachlorobutadiene        | 10.72 | 225  | 3051     | 0.83 | ng    | 100      |
| 12) 2-Methylnaphthalene        | 12.08 | 142  | 10621    | 0.77 | ng    | 100      |
| 16) Acenaphthylene             | 13.97 | 152  | 16849    | 0.73 | ng    | 100      |
| 17) Acenaphthene               | 14.33 | 154  | 10768    | 0.71 | ng    | 100      |
| 18) Fluorene                   | 15.33 | 166  | 13541    | 0.74 | ng    | 100      |
| 20) 4-Bromophenyl-phenylether  | 16.22 | 248  | 3035     | 0.60 | ng    | # 100    |
| 21) Hexachlorobenzene          | 16.35 | 284  | 3641     | 0.63 | ng    | # 100    |
| 22) Pentachlorophenol          | 16.73 | 266  | 409m     | 0.30 | ng    |          |
| 23) Phenanthrene               | 17.06 | 178  | 20183    | 0.62 | ng    | 100      |
| 24) Anthracene                 | 17.17 | 178  | 16738    | 0.62 | ng    | 100      |
| 25) Fluoranthene               | 19.11 | 202  | 23308    | 0.66 | ng    | 100      |
| 27) Benzidine                  | 19.33 | 184  | 5481     | 0.71 | ng    | 100      |
| 28) Pyrene                     | 19.47 | 202  | 24500    | 0.85 | ng    | 100      |
| 30) Benzo(a)anthracene         | 21.21 | 228  | 20401    | 0.77 | ng    | 100      |
| 31) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 6594     | 0.42 | ng    | 100      |
| 32) Chrysene                   | 21.27 | 228  | 23454    | 0.43 | ng    | 100      |
| 33) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 12019    | 0.61 | ng    | # 100    |
| 34) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 20101    | 0.81 | ng    | 100      |
| 36) Benzo(b)fluoranthene       | 22.80 | 252  | 20387    | 0.76 | ng    | 100      |
| 37) Benzo(k)fluoranthene       | 22.84 | 252  | 20083    | 0.76 | ng    | 100      |
| 38) Benzo(a)pyrene             | 23.36 | 252  | 18837    | 0.78 | ng    | 100      |
| 39) Dibenzo(a,h)anthracene     | 25.71 | 278  | 15559    | 0.74 | ng    | 100      |
| 40) Benzo(g,h,i)perylene       | 26.39 | 276  | 17760    | 0.77 | ng    | 100      |

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

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