

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\  
 Data File : BM001153.D  
 Acq On : 02 May 2015 04:31  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Manual Integrations  
 APPROVED

apatel  
 5/5/2015 8:04:01 AM

Quant Time: May 04 17:09:06 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 04 16:48:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 15852    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.31 | 136  | 61797    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.20 | 164  | 35131    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.94 | 188  | 87097    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.15 | 240  | 76633    | 5.00 | ng    | 0.00     |
| 30) Perylene-d12          | 23.29 | 264  | 66266    | 5.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.13  | 112  | 3110     | 1.01 | ng    | 0.00     |
| 5) Phenol-d6                | 6.71  | 99   | 3783     | 1.00 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.69  | 82   | 3458     | 0.99 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol    | 15.69 | 330  | 1941     | 1.27 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.81 | 172  | 11995    | 1.03 | ng    | 0.00     |
| 26) Terphenyl-d14           | 19.59 | 244  | 10725    | 1.02 | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane             | 3.03  | 88   | 1893     | 1.07 | ng    | 98     |
| 3) n-Nitrosodimethylamine  | 3.34  | 42   | 1784     | 0.92 | ng    | # 91   |
| 8) Nitrobenzene            | 8.73  | 77   | 3908     | 0.98 | ng    | 100    |
| 9) Naphthalene             | 10.36 | 128  | 13720    | 1.01 | ng    | 99     |
| 10) Hexachlorobutadiene    | 10.65 | 225  | 2649     | 1.01 | ng    | 100    |
| 11) 2-Methylnaphthalene    | 11.99 | 142  | 9548     | 1.02 | ng    | 99     |
| 15) Acenaphthylene         | 13.89 | 152  | 15750    | 1.03 | ng    | # 67   |
| 16) Acenaphthene           | 14.24 | 154  | 10880    | 1.03 | ng    | 100    |
| 17) Fluorene               | 15.24 | 166  | 12788    | 1.04 | ng    | 99     |
| 19) Hexachlorobenzene      | 16.26 | 284  | 4646     | 0.99 | ng    | # 95   |
| 20) Pentachlorophenol      | 16.61 | 266  | 1033     | 0.86 | ng    | 100    |
| 21) Phenanthrene           | 16.98 | 178  | 22106    | 0.99 | ng    | 99     |
| 22) Anthracene             | 17.08 | 178  | 18611    | 1.00 | ng    | 99     |
| 23) Fluoranthene           | 19.01 | 202  | 22711    | 1.00 | ng    | 99     |
| 25) Pyrene                 | 19.38 | 202  | 23830    | 1.00 | ng    | 100    |
| 27) Benzo(a)anthracene     | 21.13 | 228  | 21584    | 1.00 | ng    | 97     |
| 28) Chrysene               | 21.18 | 228  | 21222    | 1.00 | ng    | 97     |
| 29) Indeno(1,2,3-cd)pyrene | 25.43 | 276  | 19789    | 1.02 | ng    | 100    |
| 31) Benzo(b)fluoranthene   | 22.65 | 252  | 20194    | 0.99 | ng    | 96     |
| 32) Benzo(k)fluoranthene   | 22.69 | 252  | 19985    | 1.05 | ng    | 97     |
| 33) Benzo(a)pyrene         | 23.20 | 252  | 17439    | 1.01 | ng    | 99     |
| 34) Dibenzo(a,h)anthracene | 25.44 | 278  | 15404    | 1.02 | ng    | 97     |
| 35) Benzo(g,h,i)perylene   | 26.09 | 276  | 16092    | 1.01 | ng    | 98     |

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

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