

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\  
 Data File : BM001294.D  
 Acq On : 14 May 2015 16:06  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001

Quant Time: May 15 05:26:32 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 05:24:15 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 14192    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.22 | 136  | 50002    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.12 | 164  | 26358    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.85 | 188  | 65885    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.08 | 240  | 46696    | 5.00 | ng    | 0.00     |
| 30) Perylene-d12          | 23.18 | 264  | 43618    | 5.00 | ng    | -0.01    |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.04  | 112 | 2609 | 0.94 | ng | 0.00  |
| 5) Phenol-d6                | 6.63  | 99  | 2934 | 0.94 | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.60  | 82  | 2529 | 0.90 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.63 | 330 | 650  | 0.80 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 12.73 | 172 | 7767 | 0.95 | ng | 0.00  |
| 26) Terphenyl-d14           | 19.51 | 244 | 5646 | 0.90 | ng | -0.01 |

|                            |       |     |       |      |    |        |
|----------------------------|-------|-----|-------|------|----|--------|
| Target Compounds           |       |     |       |      |    | Qvalue |
| 2) 1,4-Dioxane             | 2.92  | 88  | 1610  | 0.83 | ng | # 83   |
| 3) n-Nitrosodimethylamine  | 3.24  | 42  | 1592  | 0.99 | ng | # 88   |
| 8) Nitrobenzene            | 8.64  | 77  | 2583  | 0.88 | ng | 98     |
| 9) Naphthalene             | 10.27 | 128 | 10413 | 0.98 | ng | 99     |
| 10) Hexachlorobutadiene    | 10.56 | 225 | 2005  | 0.96 | ng | 99     |
| 11) 2-Methylnaphthalene    | 11.90 | 142 | 6558  | 0.95 | ng | 97     |
| 15) Acenaphthylene         | 13.83 | 152 | 10235 | 0.94 | ng | 100    |
| 16) Acenaphthene           | 14.18 | 154 | 6564  | 0.95 | ng | 99     |
| 17) Fluorene               | 15.17 | 166 | 5364  | 0.85 | ng | 93     |
| 19) Hexachlorobenzene      | 16.18 | 284 | 3634  | 0.86 | ng | # 97   |
| 20) Pentachlorophenol      | 16.52 | 266 | 566   | 0.85 | ng | 99     |
| 21) Phenanthrene           | 16.88 | 178 | 8559  | 0.85 | ng | # 98   |
| 22) Anthracene             | 16.98 | 178 | 8120  | 0.83 | ng | # 98   |
| 23) Fluoranthene           | 18.93 | 202 | 12794 | 0.81 | ng | 100    |
| 25) Pyrene                 | 19.30 | 202 | 13270 | 0.92 | ng | 100    |
| 27) Benzo(a)anthracene     | 21.06 | 228 | 11470 | 0.91 | ng | 100    |
| 28) Chrysene               | 21.11 | 228 | 12207 | 0.95 | ng | 99     |
| 29) Indeno(1,2,3-cd)pyrene | 25.27 | 276 | 13326 | 1.02 | ng | 99     |
| 31) Benzo(b)fluoranthene   | 22.56 | 252 | 11860 | 0.93 | ng | 99     |
| 32) Benzo(k)fluoranthene   | 22.60 | 252 | 11288 | 0.93 | ng | 100    |
| 33) Benzo(a)pyrene         | 23.09 | 252 | 10383 | 0.94 | ng | 100    |
| 34) Dibenzo(a,h)anthracene | 25.29 | 278 | 10333 | 0.99 | ng | 99     |
| 35) Benzo(g,h,i)perylene   | 25.90 | 276 | 11318 | 0.99 | ng | 97     |

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

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