

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090815\  
 Data File : BE090747.D  
 Acq On : 8 Sep 2015 9:48  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001

Quant Time: Sep 08 23:03:45 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 11:40:50 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 62209    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.30 | 136  | 293772   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.17 | 164  | 159415   | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.91 | 188  | 381055   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.07 | 240  | 497130   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.36 | 264  | 473650   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.19  | 112  | 12483    | 1.05 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.75  | 99   | 19652    | 1.13 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.70  | 82   | 20202    | 1.04 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 4579     | 1.12 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.79 | 172  | 43565    | 0.99 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.53 | 244  | 60911    | 1.11 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.15  | 88   | 8826     | 0.95 | ng    | 97       |
| 3) n-Nitrosodimethylamine      | 3.45  | 42   | 11198    | 0.95 | ng    | 89       |
| 8) Nitrobenzene                | 8.74  | 77   | 22253    | 1.02 | ng    | 98       |
| 9) Naphthalene                 | 10.35 | 128  | 64086    | 1.00 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.65 | 225  | 9397     | 0.94 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 11.98 | 142  | 39436    | 1.14 | ng    | 98       |
| 15) Acenaphthylene             | 13.88 | 152  | 268776   | 1.05 | ng    | 100      |
| 16) Acenaphthene               | 14.23 | 154  | 42848    | 1.01 | ng    | 91       |
| 17) Fluorene                   | 15.22 | 166  | 54416    | 1.02 | ng    | 97       |
| 19) 4-Bromophenyl-phenylether  | 16.13 | 248  | 13706    | 1.06 | ng    | 95       |
| 20) Hexachlorobenzene          | 16.23 | 284  | 67757    | 0.99 | ng    | 99       |
| 21) Pentachlorophenol          | 16.60 | 266  | 4073     | 1.19 | ng    | 94       |
| 22) Phenanthrene               | 16.94 | 178  | 97761    | 1.04 | ng    | 99       |
| 23) Anthracene                 | 17.05 | 178  | 88210    | 1.12 | ng    | 99       |
| 24) Fluoranthene               | 18.96 | 202  | 109427   | 1.10 | ng    | 99       |
| 26) Pyrene                     | 19.32 | 202  | 119501   | 1.16 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.05 | 228  | 120890   | 1.10 | ng    | 99       |
| 29) Chrysene                   | 21.11 | 228  | 132923   | 1.10 | ng    | 98       |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 33521    | 1.16 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.72 | 276  | 137877   | 1.17 | ng    | 99       |
| 33) Benzo(b)fluoranthene       | 22.66 | 252  | 106900   | 1.04 | ng    | 99       |
| 34) Benzo(k)fluoranthene       | 22.71 | 252  | 127756   | 1.07 | ng    | 99       |
| 35) Benzo(a)pyrene             | 23.25 | 252  | 102391   | 1.11 | ng    | 99       |
| 36) Dibenzo(a,h)anthracene     | 25.74 | 278  | 108072   | 1.08 | ng    | 99       |
| 37) Benzo(g,h,i)perylene       | 26.44 | 276  | 112685   | 1.07 | ng    | 100      |

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

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