

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\  
 Data File : BE090523.D  
 Acq On : 14 Aug 2015 16:43  
 Operator : UM/IZ  
 Sample : SSTDICV001  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE081415

Quant Time: Aug 17 04:17:49 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 14 16:52:42 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 29257    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.33 | 136  | 144239   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.19 | 164  | 78771    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.94 | 188  | 175325   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.09 | 240  | 174570   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.39 | 264  | 158347   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.21  | 112  | 8014     | 0.95 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.77  | 99   | 11963    | 0.96 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 11160    | 0.97 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.69 | 330  | 2780     | 0.92 | ng    | -0.02    |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 22935    | 0.97 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.55 | 244  | 31148    | 0.98 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.19  | 88   | 3748     | 1.07 | ng    | 96       |
| 3) n-Nitrosodimethylamine      | 3.49  | 42   | 4855     | 0.96 | ng    | # 72     |
| 8) Nitrobenzene                | 8.76  | 77   | 11515    | 0.97 | ng    | 96       |
| 9) Naphthalene                 | 10.39 | 128  | 31616    | 0.96 | ng    | 98       |
| 10) Hexachlorobutadiene        | 10.68 | 225  | 4752     | 0.99 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.00 | 142  | 20632    | 0.97 | ng    | 99       |
| 15) Acenaphthylene             | 13.91 | 152  | 139639   | 0.97 | ng    | 100      |
| 16) Acenaphthene               | 14.26 | 154  | 21098    | 0.97 | ng    | # 78     |
| 17) Fluorene                   | 15.24 | 166  | 26287    | 0.99 | ng    | 98       |
| 19) 4-Bromophenyl-phenylether  | 16.14 | 248  | 6972     | 0.97 | ng    | 83       |
| 20) Hexachlorobenzene          | 16.25 | 284  | 30753    | 0.97 | ng    | 97       |
| 21) Pentachlorophenol          | 16.61 | 266  | 2347     | 0.88 | ng    | 95       |
| 22) Phenanthrene               | 16.98 | 178  | 43119    | 0.94 | ng    | 100      |
| 23) Anthracene                 | 17.07 | 178  | 40890    | 0.96 | ng    | 100      |
| 24) Fluoranthene               | 18.98 | 202  | 46653    | 0.95 | ng    | 99       |
| 26) Pyrene                     | 19.34 | 202  | 48326    | 0.97 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.08 | 228  | 43431    | 0.95 | ng    | 98       |
| 29) Chrysene                   | 21.13 | 228  | 45463    | 0.97 | ng    | 98       |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 21535    | 0.90 | ng    | 98       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.77 | 276  | 43474    | 0.98 | ng    | # 92     |
| 33) Benzo(b)fluoranthene       | 22.70 | 252  | 35844    | 0.96 | ng    | 99       |
| 34) Benzo(k)fluoranthene       | 22.74 | 252  | 43280    | 1.02 | ng    | 99       |
| 35) Benzo(a)pyrene             | 23.29 | 252  | 34262    | 0.98 | ng    | # 97     |
| 36) Dibenzo(a,h)anthracene     | 25.80 | 278  | 33775    | 1.00 | ng    | 97       |
| 37) Benzo(g,h,i)perylene       | 26.51 | 276  | 36555    | 0.99 | ng    | 96       |

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

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