

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE022615\  
 Data File : BE089693.D  
 Acq On : 26 Feb 2015 14:50  
 Operator : TP/JJ  
 Sample : PB81860BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB81860BS

Quant Time: Feb 27 15:28:45 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIMPAH-BE022415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 25 14:06:35 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 9.34  | 152  | 53498    | 5.00  | ng    | 0.00     |
| 4) Naphthalene-d8           | 12.24 | 136  | 255229   | 5.00  | ng    | 0.00     |
| 8) Acenaphthene-d10         | 16.42 | 164  | 122525   | 5.00  | ng    | 0.00     |
| 13) Phenanthrene-d10        | 19.76 | 188  | 186446   | 5.00  | ng    | 0.00     |
| 19) Chrysene-d12            | 23.65 | 240  | 134543   | 5.00  | ng    | 0.00     |
| 25) Perylene-d12            | 25.34 | 264  | 110004   | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) Nitrobenzene-d5          | 10.60 | 82   | 121643   | 8.05  | ng    | 0.00     |
| 9) 2-Fluorobiphenyl         | 14.87 | 172  | 230393   | 8.46  | ng    | 0.00     |
| 21) Terphenyl-d14           | 22.29 | 244  | 145269   | 9.20  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.63  | 88   | 58426    | 8.71  | ng    | 98       |
| 3) n-Nitrosodimethylamine   | 3.27  | 42   | 75211    | 8.41  | ng    | # 86     |
| 6) Naphthalene              | 12.29 | 128  | 380411   | 7.70  | ng    | 100      |
| 7) 2-Methylnaphthalene      | 13.94 | 142  | 240772   | 8.58  | ng    | 97       |
| 10) Acenaphthylene          | 16.07 | 152  | 1390966  | 7.91  | ng    | 100      |
| 11) Acenaphthene            | 16.49 | 154  | 205379   | 7.37  | ng    | 98       |
| 12) Fluorene                | 17.74 | 166  | 229944   | 7.44  | ng    | 100      |
| 14) Hexachlorobenzene       | 18.99 | 284  | 39349    | 8.15  | ng    | 98       |
| 15) Pentachlorophenol       | 19.43 | 266  | 27196    | 12.78 | ng    | 94       |
| 16) Phenanthrene            | 19.81 | 178  | 293726   | 7.38  | ng    | 100      |
| 17) Anthracene              | 19.90 | 178  | 293148   | 8.66  | ng    | 100      |
| 18) Fluoranthene            | 21.72 | 202  | 251736   | 7.58  | ng    | 100      |
| 20) Pyrene                  | 22.04 | 202  | 274449   | 8.44  | ng    | 99       |
| 22) Benzo(a)anthracene      | 23.64 | 228  | 794748   | 8.98  | ng    | 96       |
| 23) Chrysene                | 23.68 | 228  | 903985   | 7.41  | ng    | 99       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.74 | 276  | 689132   | 7.53  | ng    | # 46     |
| 26) Benzo(b)fluoranthene    | 24.91 | 252  | 131008   | 7.21  | ng    | 96       |
| 27) Benzo(k)fluoranthene    | 24.94 | 252  | 236986   | 8.58  | ng    | 98       |
| 28) Benzo(a)pyrene          | 25.27 | 252  | 150544   | 7.00  | ng    | 95       |
| 29) Dibenzo(a,h)anthracene  | 26.77 | 278  | 139680   | 7.23  | ng    | # 87     |
| 30) Benzo(g,h,i)perylene    | 27.15 | 276  | 639076   | 12.14 | ng    | 95       |

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

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