

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091415\  
 Data File : BE090797.D  
 Acq On : 14 Sep 2015 11:13  
 Operator : UM/IZ  
 Sample : PB85487BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB85487BSD

Quant Time: Sep 14 13:31:43 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  | 46958    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.30 | 136  | 223147   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.16 | 164  | 116532   | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.91 | 188  | 272437   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.07 | 240  | 351439   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.36 | 264  | 313776   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.18  | 112  | 76444    | 8.35 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 123350   | 9.43 | ng    | -0.01    |
| 7) Nitrobenzene-d5             | 8.69  | 82   | 62938    | 4.27 | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 28516    | 8.33 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.78 | 172  | 123255   | 3.82 | ng    | -0.01    |
| 27) Terphenyl-d14              | 19.53 | 244  | 187141   | 4.81 | ng    | -0.01    |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.15  | 88   | 22134    | 3.58 | ng    | 97       |
| 3) n-Nitrosodimethylamine      | 3.45  | 42   | 30467    | 3.64 | ng    | # 92     |
| 8) Nitrobenzene                | 8.73  | 77   | 67066    | 3.73 | ng    | 98       |
| 9) Naphthalene                 | 10.35 | 128  | 169383   | 3.48 | ng    | 99       |
| 10) Hexachlorobutadiene        | 10.64 | 225  | 25168    | 3.31 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 11.97 | 142  | 107669   | 4.09 | ng    | 98       |
| 15) Acenaphthylene             | 13.88 | 152  | 712592   | 3.83 | ng    | 100      |
| 16) Acenaphthene               | 14.23 | 154  | 111751   | 3.59 | ng    | 90       |
| 17) Fluorene                   | 15.22 | 166  | 144645   | 3.73 | ng    | 96       |
| 19) 4-Bromophenyl-phenylether  | 16.11 | 248  | 37348    | 4.02 | ng    | 95       |
| 20) Hexachlorobenzene          | 16.23 | 284  | 177667   | 3.98 | ng    | 98       |
| 21) Pentachlorophenol          | 16.58 | 266  | 33203    | 8.73 | ng    | 94       |
| 22) Phenanthrene               | 16.94 | 178  | 262030   | 3.89 | ng    | 99       |
| 23) Anthracene                 | 17.03 | 178  | 248976   | 4.42 | ng    | 100      |
| 24) Fluoranthene               | 18.96 | 202  | 302411   | 4.26 | ng    | 99       |
| 26) Pyrene                     | 19.32 | 202  | 337644   | 4.64 | ng    | 99       |
| 28) Benzo(a)anthracene         | 21.05 | 228  | 322499   | 4.19 | ng    | 99       |
| 29) Chrysene                   | 21.11 | 228  | 330904   | 4.07 | ng    | 98       |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 116845   | 4.51 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 349551   | 4.21 | ng    | 98       |
| 33) Benzo(b)fluoranthene       | 22.66 | 252  | 299295   | 4.40 | ng    | 99       |
| 34) Benzo(k)fluoranthene       | 22.70 | 252  | 331789   | 4.19 | ng    | 99       |
| 35) Benzo(a)pyrene             | 23.25 | 252  | 282473   | 4.64 | ng    | 99       |
| 36) Dibenzo(a,h)anthracene     | 25.73 | 278  | 286454   | 3.89 | ng    | 99       |
| 37) Benzo(g,h,i)perylene       | 26.44 | 276  | 297123   | 4.24 | ng    | 99       |

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

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