

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE030316\  
 Data File : BE091432.D  
 Acq On : 3 Mar 2016 20:58  
 Operator : UM/IZ  
 Sample : MDL-01-S  
 Misc : 0.08PPM  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MDL-01-S

Quant Time: Mar 04 07:59:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 06:35:39 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 35558    | 5.00 | ng    | -0.02    |
| 4) Naphthalene-d8           | 9.53  | 136  | 156442   | 5.00 | ng    | 0.00     |
| 8) Acenaphthene-d10         | 13.34 | 164  | 98353    | 5.00 | ng    | 0.00     |
| 13) Phenanthrene-d10        | 16.10 | 188  | 158429   | 5.00 | ng    | 0.00     |
| 19) Chrysene-d12            | 20.21 | 240  | 264836   | 5.00 | ng    | 0.00     |
| 25) Perylene-d12            | 22.09 | 264  | 296397   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 5) Nitrobenzene-d5          | 8.15  | 82   | 38757    | 4.00 | ng    | -0.03    |
| 9) 2-Fluorobiphenyl         | 12.00 | 172  | 110312   | 4.62 | ng    | 0.00     |
| 21) Terphenyl-d14           | 18.59 | 244  | 186606   | 4.63 | ng    | -0.02    |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.99  | 88   | 445      | 0.14 | ng    | 94       |
| 3) n-Nitrosodimethylamine   | 3.45  | 42   | 40       | 0.06 | ng    | # 1      |
| 6) Naphthalene              | 9.57  | 128  | 5386     | 0.15 | ng    | 96       |
| 7) 2-Methylnaphthalene      | 11.15 | 142  | 3315     | 0.16 | ng    | 92       |
| 10) Acenaphthylene          | 13.09 | 152  | 20539    | 0.12 | ng    | 100      |
| 11) Acenaphthene            | 13.41 | 154  | 4250     | 0.14 | ng    | # 100    |
| 12) Fluorene                | 14.41 | 166  | 5066     | 0.13 | ng    | 98       |
| 14) Hexachlorobenzene       | 15.38 | 284  | 1605     | 0.17 | ng    | # 100    |
| 15) Pentachlorophenol       | 15.93 | 266  | 212m     | 0.45 | ng    |          |
| 16) Phenanthrene            | 16.13 | 178  | 8703     | 0.16 | ng    | 100      |
| 17) Anthracene              | 16.24 | 178  | 8718m    | 0.26 | ng    |          |
| 18) Fluoranthene            | 18.09 | 202  | 9183     | 0.21 | ng    | 99       |
| 20) Pyrene                  | 18.48 | 202  | 9645     | 0.13 | ng    | 99       |
| 22) Benzo(a)anthracene      | 20.17 | 228  | 11444    | 0.13 | ng    | 99       |
| 23) Chrysene                | 20.24 | 228  | 14365    | 0.15 | ng    | 100      |
| 24) Indeno(1,2,3-cd)pyrene  | 23.69 | 276  | 10349m   | 0.13 | ng    |          |
| 26) Benzo(b)fluoranthene    | 21.53 | 252  | 12472m   | 0.15 | ng    |          |
| 27) Benzo(k)fluoranthene    | 21.57 | 252  | 10086m   | 0.13 | ng    |          |
| 28) Benzo(a)pyrene          | 21.99 | 252  | 9003     | 0.13 | ng    | 97       |
| 29) Dibenzo(a,h)anthracene  | 23.64 | 278  | 8469     | 0.12 | ng    | # 94     |
| 30) Benzo(g,h,i)perylene    | 24.24 | 276  | 9853     | 0.13 | ng    | 97       |

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

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