

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022315\  
 Data File : BE089661.D  
 Acq On : 24 Feb 2015 4:40  
 Operator : TP/JJ  
 Sample : MDL-05-S  
 Misc : MDL-SOIL-0.2/0.4  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 24 05:47:54 2015

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE022315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 24 03:46:57 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 9.34  | 152  | 44523    | 5.00 | ng    | 0.00     |
| 4) Naphthalene-d8         | 12.24 | 136  | 185161   | 5.00 | ng    | 0.00     |
| 8) Acenaphthene-d10       | 16.42 | 164  | 80793    | 5.00 | ng    | 0.00     |
| 13) Phenanthrene-d10      | 19.77 | 188  | 146029   | 5.00 | ng    | 0.00     |
| 19) Chrysene-d12          | 23.65 | 240  | 113250   | 5.00 | ng    | 0.00     |
| 25) Perylene-d12          | 25.34 | 264  | 86697    | 5.00 | ng    | 0.00     |

#### System Monitoring Compounds

|                     |       |     |        |       |    |      |
|---------------------|-------|-----|--------|-------|----|------|
| 5) Nitrobenzene-d5  | 10.60 | 82  | 102783 | 9.19  | ng | 0.00 |
| 9) 2-Fluorobiphenyl | 14.88 | 172 | 174596 | 9.60  | ng | 0.00 |
| 21) Terphenyl-d14   | 22.30 | 244 | 162280 | 10.03 | ng | 0.00 |

#### Target Compounds

|                            |       |     |       |      |    | Ovalue |
|----------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane             | 2.73  | 88  | 766   | 0.13 | ng | # 75   |
| 3) n-Nitrosodimethylamine  | 3.49  | 42  | 502   | 0.12 | ng | # 48   |
| 6) Naphthalene             | 12.29 | 128 | 5468  | 0.14 | ng | 97     |
| 7) 2-Methylnaphthalene     | 13.95 | 142 | 2845  | 0.13 | ng | 97     |
| 10) Acenaphthylene         | 16.06 | 152 | 15542 | 0.13 | ng | 99     |
| 11) Acenaphthene           | 16.49 | 154 | 2697  | 0.14 | ng | 93     |
| 12) Fluorene               | 17.74 | 166 | 3006  | 0.14 | ng | 100    |
| 14) Hexachlorobenzene      | 18.99 | 284 | 618   | 0.16 | ng | 96     |
| 15) Pentachlorophenol      | 19.44 | 266 | 32    | 0.22 | ng | # 75   |
| 16) Phenanthrene           | 19.81 | 178 | 4838  | 0.15 | ng | 97     |
| 17) Anthracene             | 19.91 | 178 | 3740  | 0.14 | ng | 99     |
| 18) Fluoranthene           | 21.72 | 202 | 3503  | 0.13 | ng | 99     |
| 20) Pyrene                 | 22.03 | 202 | 3855  | 0.14 | ng | 100    |
| 22) Benzo(a)anthracene     | 23.64 | 228 | 11044 | 0.14 | ng | 98     |
| 23) Chrysene               | 23.68 | 228 | 17622 | 0.16 | ng | 95     |
| 24) Indeno(1,2,3-cd)pyrene | 26.74 | 276 | 2523  | 0.39 | ng | # 58   |
| 26) Benzo(b)fluoranthene   | 24.91 | 252 | 699   | 0.42 | ng | # 85   |
| 27) Benzo(k)fluoranthene   | 24.94 | 252 | 2215m | 0.12 | ng |        |
| 28) Benzo(a)pyrene         | 25.27 | 252 | 790   | 0.37 | ng | # 86   |
| 29) Dibenzo(a,h)anthracene | 26.77 | 278 | 385   | 0.39 | ng | # 60   |
| 30) Benzo(g,h,i)perylene   | 27.16 | 276 | 3804  | 0.27 | ng | # 81   |

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

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