

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\  
 Data File : BM000844.D  
 Acq On : 03 Apr 2015 21:11  
 Operator : TP/IZ  
 Sample : MDL-03-S  
 Misc : MDL-SOIL-0.2/0.4  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-S

Quant Time: Apr 04 01:22:33 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 04 00:49:41 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.63  | 152  | 30384    | 5.00  | ng    | 0.00     |
| 11) Naphthalene-d8             | 10.39 | 136  | 155794   | 5.00  | ng    | 0.00     |
| 19) Acenaphthene-d10           | 14.26 | 164  | 82854    | 5.00  | ng    | 0.00     |
| 26) Phenanthrene-d10           | 17.00 | 188  | 187350   | 5.00  | ng    | 0.00     |
| 30) Chrysene-d12               | 21.21 | 240  | 160866   | 5.00  | ng    | 0.00     |
| 34) Perylene-d12               | 23.40 | 264  | 144908   | 5.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.21  | 112  | 96866    | 11.57 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.77  | 99   | 169022   | 10.54 | ng    | 0.00     |
| 12) Nitrobenzene-d5            | 8.77  | 82   | 43464    | 5.98  | ng    | 0.00     |
| 20) 2,4,6-Tribromophenol       | 15.77 | 330  | 26560    | 7.60  | ng    | 0.00     |
| 23) 2-Fluorobiphenyl           | 12.87 | 172  | 195864   | 7.67  | ng    | 0.00     |
| 32) Terphenyl-d14              | 19.65 | 244  | 158040   | 8.16  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.12  | 88   | 916      | 0.08  | ng    | # 72     |
| 3) n-Nitrosodimethylamine      | 3.46  | 42   | 441      | 0.11  | ng    | # 11     |
| 6) 2-Chlorophenol              | 7.17  | 128  | 1607     | 0.35  | ng    | 85       |
| 7) Phenol                      | 6.81  | 94   | 1753     | 0.14  | ng    | 87       |
| 8) bis(2-Chloroethyl)ether     | 7.02  | 93   | 1411m    | 0.33  | ng    |          |
| 9) 2-Methylphenol              | 8.06  | 107  | 1248     | 0.28  | ng    | # 91     |
| 10) 3+4-Methylphenols          | 8.38  | 107  | 1287     | 0.23  | ng    | 89       |
| 13) Nitrobenzene               | 8.80  | 77   | 1297     | 0.15  | ng    | # 66     |
| 14) 2-Nitrophenol              | 9.52  | 139  | 683      | 0.28  | ng    | # 57     |
| 15) 2,4-Dimethylphenol         | 9.58  | 122  | 1003     | 0.11  | ng    | 89       |
| 16) 2,4-Dichlorophenol         | 10.07 | 162  | 897      | 0.31  | ng    | 80       |
| 17) Hexachlorobutadiene        | 10.72 | 225  | 825      | 0.14  | ng    | # 69     |
| 18) 4-Chloro-3-methylphenol    | 11.69 | 107  | 956      | 0.12  | ng    | 94       |
| 21) 2,4,6-Trichlorophenol      | 12.69 | 196  | 473      | 0.20  | ng    | # 91     |
| 22) 2,4,5-Trichlorophenol      | 12.77 | 196  | 586m     | 0.15  | ng    |          |
| 25) 4-Nitrophenol              | 14.52 | 139  | 184      | 0.31  | ng    | 92       |
| 27) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 110      | 0.39  | ng    | 93       |
| 28) Hexachlorobenzene          | 16.33 | 284  | 1256     | 0.18  | ng    | # 88     |
| 29) Pentachlorophenol          | 16.67 | 266  | 77       | 0.32  | ng    | # 71     |
| 31) Benzidine                  | 19.28 | 184  | 1609     | 0.47  | ng    | # 63     |
| 33) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 1345     | 0.28  | ng    | # 94     |

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

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