

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\  
 Data File : BM010090.D  
 Acq On : 20 May 2017 03:49  
 Operator : SJ/MA  
 Sample : I3177-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 NORTH-A

Quant Time: May 20 05:00:32 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.98  | 152  | 2943     | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8             | 0.00  | 136  | 0        | 0.00      | ng    | -10.79   |
| 38) Acenaphthene-d10           | 0.00  | 164  | 0        | 0.00      | ng    | -14.61   |
| 63) Phenanthrene-d10           | 17.35 | 188  | 125      | 20.00     | ng    | 0.00     |
| 75) Chrysene-d12               | 21.50 | 240  | 1065     | 20.00     | ng    | 0.00     |
| 86) Perylene-d12               | 23.89 | 264  | 157      | 20.00     | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |       |          |
| 5) 2-Fluorophenol              | 5.55  | 112  | 1730280  | 10617.13  | ng    | 0.00     |
| 7) Phenol-d6                   | 7.16  | 99   | 2166352  | 10330.51  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.16  | 82   | 1368598  | 0.00      | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 16.09 | 330  | 945181   | 0.00      | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 13.22 | 172  | 3377079  | 0.00      | ng    | -0.01    |
| 78) Terphenyl-d14              | 19.94 | 244  | 5175300  | 110494.12 | ng    | 0.00     |
| Target Compounds               |       |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.43  | 88   | 260      | 3.47      | ng    | # 100    |
| 4) n-Nitrosodimethylamine      | 3.80  | 42   | 822      | 11.34     | ng    | # 16     |
| 8) 2-Chlorophenol              | 7.55  | 128  | 1476     | 8.32      | ng    | # 25     |
| 9) Benzaldehyde                | 7.16  | 77   | 7663     | 58.70     | ng    | # 20     |
| 10) Phenol                     | 7.19  | 94   | 46945    | 212.42    | ng    | # 95     |
| 15) Benzyl Alcohol             | 8.29  | 79   | 29530    | 186.12    | ng    | # 41     |
| 65) n-Nitrosodiphenylamine     | 15.87 | 169  | 548      | 146.28    | ng    | # 76     |
| 70) Phenanthrene               | 17.39 | 178  | 3125     | 446.83    | ng    | # 72     |
| 71) Anthracene                 | 17.48 | 178  | 765      | 110.22    | ng    | # 61     |
| 72) Carbazole                  | 17.77 | 167  | 1974     | 321.23    | ng    | # 61     |
| 73) Di-n-butylphthalate        | 18.29 | 149  | 3480     | 477.65    | ng    | # 66     |
| 74) Fluoranthene               | 19.39 | 202  | 5040     | 555.03    | ng    | # 95     |
| 77) Pylene                     | 19.76 | 202  | 4519     | 79.14     | ng    | # 81     |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1286     | 60.84     | ng    | # 58     |
| 80) Benzo(a)anthracene         | 21.48 | 228  | 2377     | 40.50     | ng    | # 85     |
| 81) 3,3'-Dichlorobenzidine     | 21.44 | 252  | 1017     | 43.08     | ng    | # 52     |
| 82) Chrysene                   | 21.54 | 228  | 3138     | 56.37     | ng    | # 55     |
| 83) Bis(2-ethylhexyl)phthalate | 21.37 | 149  | 4382     | 138.63    | ng    | # 82     |
| 84) Di-n-octyl phthalate       | 22.32 | 149  | 640      | 11.31     | ng    | # 9      |
| 85) Indeno(1,2,3-cd)pyrene     | 26.27 | 276  | 1757     | 21.52     | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.16 | 252  | 5476     | 595.97    | ng    | # 1      |
| 88) Benzo(k)fluoranthene       | 23.20 | 252  | 3747     | 416.23    | ng    | # 1      |
| 89) Benzo(a)pyrene             | 23.78 | 252  | 1579     | 180.34    | ng    | # 1      |
| 90) Dibenzo(a,h)anthracene     | 26.30 | 278  | 1087     | 111.02    | ng    | # 1      |
| 91) Benzo(g,h,i)perylene       | 27.10 | 276  | 375      | 39.09     | ng    | # 1      |

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

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