

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032515\  
 Data File : BG016103.D  
 Acq On : 25 Mar 2015 15:40  
 Operator : TP/IZ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Quant Time: Mar 26 01:41:10 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG032515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 26 01:24:59 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 56208    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.58 | 136  | 262514   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.42 | 164  | 161774   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.16 | 188  | 339379   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.33 | 240  | 346523   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.61 | 264  | 333569   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.38  | 112 | 330702  | 97.86  | ng | 0.00 |
| 7) Phenol-d6             | 6.96  | 99  | 467581  | 92.30  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.95  | 82  | 418422  | 59.51  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.90 | 330 | 189886  | 59.05  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.04 | 172 | 943553  | 92.04  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.78 | 244 | 1332176 | 103.06 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 66740  | 51.88  | ng | 97     |
| 3) Pyridine                    | 3.69  | 79  | 211760 | 47.56  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.61  | 42  | 63090  | 40.12  | ng | 98     |
| 6) Aniline                     | 7.12  | 93  | 330600 | 46.21  | ng | 99     |
| 8) 2-Chlorophenol              | 7.36  | 128 | 196364 | 57.07  | ng | 100    |
| 9) Benzaldehyde                | 6.93  | 77  | 97139  | 31.46  | ng | 98     |
| 10) Phenol                     | 6.99  | 94  | 257388 | 44.41  | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 202080 | 47.40  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.68  | 146 | 212680 | 48.59  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.83  | 146 | 218703 | 48.35  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.14  | 146 | 205786 | 48.84  | ng | 99     |
| 15) Benzyl Alcohol             | 8.03  | 79  | 174067 | 33.27  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.33  | 45  | 231922 | 68.67  | ng | 100    |
| 17) 2-Methylphenol             | 8.23  | 107 | 182033 | 46.72  | ng | 98     |
| 18) Hexachloroethane           | 8.87  | 117 | 78212  | 39.25  | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.60  | 70  | 169435 | 38.07  | ng | 97     |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 249482 | 47.36  | ng | 98     |
| 22) Acetophenone               | 8.61  | 105 | 291323 | 38.68  | ng | # 98   |
| 24) Nitrobenzene               | 8.99  | 77  | 226388 | 31.13  | ng | 99     |
| 25) Isophorone                 | 9.51  | 82  | 475763 | 35.54  | ng | 99     |
| 26) 2-Nitrophenol              | 9.70  | 139 | 124692 | 51.05  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.75  | 122 | 204636 | 47.17  | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.99  | 93  | 270503 | 41.77  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 184341 | 39.54  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.44 | 180 | 193254 | 33.23  | ng | 98     |
| 31) Naphthalene                | 10.63 | 128 | 684078 | 49.88  | ng | 100    |
| 32) Benzoic acid               | 9.89  | 122 | 139393 | 105.94 | ng | 98     |
| 33) 4-Chloroaniline            | 10.74 | 127 | 305232 | 51.64  | ng | 99     |
| 34) Hexachlorobutadiene        | 10.91 | 225 | 103974 | 18.22  | ng | 98     |
| 35) Caprolactam                | 11.52 | 113 | 97258  | 43.78  | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 11.86 | 107 | 214931 | 33.87  | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.24 | 142 | 494852 | 46.27  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 203349 | 35.00  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.59 | 237 | 124684 | 34.61  | ng | 98     |

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|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.85 | 196  | 150230   | 41.57 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 12.92 | 196  | 161198   | 39.35 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.26 | 154  | 583811   | 57.37 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.30 | 162  | 457729   | 52.64 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.50 | 65   | 134591   | 41.77 | ng    | 98       |
| 48) Acenaphthylene             | 14.14 | 152  | 832116   | 56.57 | ng    | 99       |
| 49) Dimethylphthalate          | 13.88 | 163  | 560889   | 46.12 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.00 | 165  | 136077   | 48.36 | ng    | 97       |
| 51) Acenaphthene               | 14.48 | 154  | 502541   | 56.98 | ng    | 100      |
| 52) 3-Nitroaniline             | 14.32 | 138  | 165636   | 64.52 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 14.53 | 184  | 78920    | 55.03 | ng    | 97       |
| 54) Dibenzofuran               | 14.82 | 168  | 701896   | 50.63 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.63 | 139  | 142010   | 72.77 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 14.78 | 165  | 189484   | 45.46 | ng    | 99       |
| 57) Fluorene                   | 15.46 | 166  | 623059   | 48.77 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.04 | 232  | 144902   | 31.19 | ng    | 98       |
| 59) Diethylphthalate           | 15.24 | 149  | 574416   | 44.92 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.46 | 204  | 271079   | 33.46 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.49 | 138  | 187167   | 60.33 | ng    | 96       |
| 62) Azobenzene                 | 15.75 | 77   | 590564   | 38.00 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.55 | 198  | 117298   | 43.84 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 15.68 | 169  | 534480   | 54.47 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.35 | 248  | 172219   | 34.80 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.46 | 284  | 194494   | 33.69 | ng    | 97       |
| 68) Atrazine                   | 16.62 | 200  | 155632   | 38.11 | ng    | 99       |
| 69) Pentachlorophenol          | 16.80 | 266  | 119984   | 50.48 | ng    | 96       |
| 70) Phenanthrene               | 17.20 | 178  | 923787   | 51.30 | ng    | 99       |
| 71) Anthracene                 | 17.29 | 178  | 921758   | 51.68 | ng    | 99       |
| 72) Carbazole                  | 17.56 | 167  | 906164   | 56.23 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.12 | 149  | 1027091  | 55.93 | ng    | 98       |
| 74) Fluoranthene               | 19.21 | 202  | 1029992  | 40.88 | ng    | 98       |
| 76) Benzidine                  | 19.39 | 184  | 459738   | 61.94 | ng    | 99       |
| 77) Pyrene                     | 19.58 | 202  | 1057541  | 63.63 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.47 | 149  | 453769   | 73.75 | ng    | 97       |
| 80) Benzo(a)anthracene         | 21.31 | 228  | 955439   | 50.31 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 348505   | 45.74 | ng    | 99       |
| 82) Chrysene                   | 21.36 | 228  | 871003   | 50.38 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 620760   | 72.17 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.13 | 149  | 1035738  | 74.60 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 1161046  | 47.48 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 22.92 | 252  | 968878   | 49.46 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 22.97 | 252  | 927485   | 49.94 | ng    | 97       |
| 89) Benzo(a)pyrene             | 23.51 | 252  | 901615   | 48.97 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.97 | 278  | 938750   | 48.14 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 26.67 | 276  | 926074   | 48.87 | ng    | 98       |

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

