

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042423\  
 Data File : BG057153.D  
 Acq On : 24 Apr 2023 16:09  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Quant Time: Apr 25 04:05:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 25 04:01:27 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.386  | 152  | 13553    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.224 | 136  | 51385    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.001 | 164  | 41283    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.738 | 188  | 108343   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.056 | 240  | 118733   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.581 | 264  | 127485   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.896  | 112  | 6976     | 9.328  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.517  | 99   | 9246     | 8.545  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 16.481 | 330  | 5930     | 10.887 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.626 | 172  | 33666    | 10.960 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.306 | 244  | 70176    | 10.338 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.704  | 88   | 1640     | 4.894  | ng    | # 82     |
| 3) Pyridine                   | 4.133  | 79   | 4108     | 4.040  | ng    | # 91     |
| 4) n-Nitrosodimethylamine     | 4.033  | 42   | 1753     | 4.779  | ng    | # 69     |
| 6) Aniline                    | 7.699  | 93   | 6450     | 4.564  | ng    | # 92     |
| 8) 2-Chlorophenol             | 7.946  | 128  | 3683     | 4.701  | ng    | 96       |
| 9) Benzaldehyde               | 7.517  | 77   | 3666     | 5.656  | ng    | # 80     |
| 10) Phenol                    | 7.546  | 94   | 4733     | 4.405  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 7.787  | 93   | 3847     | 4.563  | ng    | 83       |
| 12) 1,3-Dichlorobenzene       | 8.275  | 146  | 5010     | 5.398  | ng    | # 86     |
| 13) 1,4-Dichlorobenzene       | 8.422  | 146  | 5038     | 5.386  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.751  | 146  | 4834     | 5.353  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.621  | 79   | 3165     | 3.969  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.915  | 45   | 2924     | 7.780  | ng    | 71       |
| 17) 2-Methylphenol            | 8.821  | 107  | 3412     | 4.340  | ng    | 92       |
| 18) Hexachloroethane          | 9.491  | 117  | 1547     | 4.875  | ng    | # 77     |
| 19) n-Nitroso-di-n-propyla... | 9.179  | 70   | 3042     | 4.520  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 9.144  | 107  | 4872     | 4.528  | ng    | 95       |
| 22) Acetophenone              | 9.215  | 105  | 6746     | 4.839  | ng    | # 98     |
| 24) Nitrobenzene              | 9.602  | 77   | 4262     | 4.084  | ng    | # 84     |
| 25) Isophorone                | 10.119 | 82   | 8488     | 4.257  | ng    | # 94     |
| 26) 2-Nitrophenol             | 10.325 | 139  | 1758     | 4.509  | ng    | # 76     |
| 27) 2,4-Dimethylphenol        | 10.360 | 122  | 3300     | 4.404  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.595 | 93   | 4526     | 4.331  | ng    | # 92     |
| 29) 2,4-Dichlorophenol        | 10.865 | 162  | 4121     | 4.937  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 11.083 | 180  | 5932     | 5.811  | ng    | # 96     |
| 31) Naphthalene               | 11.277 | 128  | 14613    | 5.354  | ng    | 99       |
| 33) 4-Chloroaniline           | 11.376 | 127  | 6169     | 5.141  | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.547 | 225  | 4528     | 6.016  | ng    | 94       |
| 35) Caprolactam               | 12.111 | 113  | 982      | 4.248  | ng    | # 53     |
| 36) 4-Chloro-3-methylphenol   | 12.469 | 107  | 4123     | 4.591  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.851 | 142  | 11638    | 5.419  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 13.068 | 142  | 10619    | 5.355  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.209 | 216  | 8516     | 5.638  | ng    | # 97     |
| 43) 2,4,6-Trichlorophenol     | 13.450 | 196  | 3569     | 4.364  | ng    | 94       |
| 44) 2,4,5-Trichlorophenol     | 13.521 | 196  | 4674     | 4.734  | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.838 | 154  | 15965    | 5.188  | ng    | 95       |

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| 47) 2-Chloronaphthalene       | 13.885 | 162  | 12402    | 5.340 | ng    | # 88     |
| 48) 2-Nitroaniline            | 14.079 | 65   | 1500     | 6.962 | ng    | # 81     |
| 49) Acenaphthylene            | 14.725 | 152  | 18337    | 4.974 | ng    | 98       |
| 50) Dimethylphthalate         | 14.431 | 163  | 13810    | 4.766 | ng    | # 97     |
| 51) 2,6-Dinitrotoluene        | 14.560 | 165  | 2132     | 3.525 | ng    | 93       |
| 52) Acenaphthene              | 15.060 | 154  | 11543    | 4.792 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.895 | 138  | 2438     | 4.060 | ng    | # 73     |
| 55) Dibenzofuran              | 15.395 | 168  | 21084    | 5.402 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.348 | 165  | 3274     | 3.975 | ng    | # 85     |
| 58) Fluorene                  | 16.041 | 166  | 16824    | 5.354 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.618 | 232  | 4047     | 4.785 | ng    | # 87     |
| 60) Diethylphthalate          | 15.776 | 149  | 13325    | 4.771 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 16.017 | 204  | 10534    | 5.585 | ng    | # 89     |
| 62) 4-Nitroaniline            | 16.047 | 138  | 2328     | 3.850 | ng    | # 76     |
| 63) Azobenzene                | 16.311 | 77   | 12395    | 4.172 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 16.229 | 169  | 14303    | 5.059 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.916 | 248  | 7092     | 5.443 | ng    | # 84     |
| 68) Hexachlorobenzene         | 17.039 | 284  | 7488     | 5.603 | ng    | 97       |
| 69) Atrazine                  | 17.163 | 200  | 3951     | 4.376 | ng    | 97       |
| 71) Phenanthrene              | 17.780 | 178  | 29679    | 5.366 | ng    | 99       |
| 72) Anthracene                | 17.874 | 178  | 29016    | 5.188 | ng    | 96       |
| 73) Carbazole                 | 18.138 | 167  | 23959    | 5.075 | ng    | 96       |
| 74) Di-n-butylphthalate       | 18.655 | 149  | 19368    | 4.411 | ng    | # 97     |
| 75) Fluoranthene              | 19.771 | 202  | 37051    | 5.392 | ng    | 98       |
| 77) Benzidine                 | 19.935 | 184  | 8819     | 4.929 | ng    | # 96     |
| 78) Pyrene                    | 20.135 | 202  | 38255    | 4.745 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.987 | 149  | 6901     | 6.280 | ng    | 89       |
| 81) Benzo(a)anthracene        | 22.033 | 228  | 41200    | 5.047 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.933 | 252  | 9274     | 4.340 | ng    | # 95     |
| 83) Chrysene                  | 22.103 | 228  | 41063    | 5.216 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.886 | 149  | 10697    | 6.514 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.622 | 276  | 46468    | 5.089 | ng    | # 69     |
| 88) Benzo(b)fluoranthene      | 24.447 | 252  | 39458    | 4.938 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 24.517 | 252  | 40164    | 4.859 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 25.405 | 252  | 38842    | 4.935 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.699 | 278  | 38090    | 5.023 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 30.903 | 276  | 37800    | 5.039 | ng    | # 94     |

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

