

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051024\  
 Data File : BG061160.D  
 Acq On : 10 May 2024 11:47  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 11 01:51:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.935  | 152  | 24011    | 20.000 | ng    | #-0.03   |
| 21) Naphthalene-d8            | 10.732 | 136  | 101694   | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10          | 14.562 | 164  | 86316    | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.312 | 188  | 208609   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.572 | 240  | 202783   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 24.692 | 264  | 240568   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.520  | 112  | 96916    | 82.088 | ng    | -0.03    |
| 7) Phenol-d6                  | 7.112  | 99   | 143460   | 82.140 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 169868   | 82.805 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 121859   | 70.630 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.187 | 172  | 479640   | 82.169 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.933 | 244  | 955006   | 78.326 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.440  | 88   | 17327    | 36.297 | ng    | 98       |
| 3) Pyridine                   | 3.828  | 79   | 48644    | 34.629 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.746  | 42   | 45977    | 34.067 | ng    | 90       |
| 6) Aniline                    | 7.259  | 93   | 67434    | 38.947 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.500  | 128  | 58762    | 40.569 | ng    | 96       |
| 9) Benzaldehyde               | 7.071  | 77   | 44986    | 50.582 | ng    | 96       |
| 10) Phenol                    | 7.136  | 94   | 72712    | 40.938 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.359  | 93   | 51634    | 42.081 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.823  | 146  | 67815    | 39.715 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.970  | 146  | 71730    | 40.645 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.287  | 146  | 70331    | 41.306 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.170  | 79   | 61833    | 39.246 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458  | 45   | 117397   | 44.093 | ng    | 97       |
| 17) 2-Methylphenol            | 8.381  | 107  | 52840    | 41.746 | ng    | 94       |
| 18) Hexachloroethane          | 9.010  | 117  | 26974    | 42.835 | ng    | 86       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 53919    | 41.252 | ng    | 89       |
| 20) 3+4-Methylphenols         | 8.704  | 107  | 73448    | 40.221 | ng    | 98       |
| 22) Acetophenone              | 8.751  | 105  | 104291   | 41.179 | ng    | # 99     |
| 24) Nitrobenzene              | 9.133  | 77   | 83639    | 41.676 | ng    | 96       |
| 25) Isophorone                | 9.656  | 82   | 146559   | 38.649 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.838  | 139  | 38193    | 40.168 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.909  | 122  | 43687    | 39.853 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.132 | 93   | 76991    | 41.369 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.385 | 162  | 68948    | 40.142 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.591 | 180  | 84341    | 40.753 | ng    | 98       |
| 31) Naphthalene               | 10.779 | 128  | 211740   | 40.063 | ng    | 99       |
| 32) Benzoic acid              | 10.062 | 122  | 31188m   | 24.611 | ng    |          |
| 33) 4-Chloroaniline           | 10.884 | 127  | 79995    | 37.951 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.061 | 225  | 71659    | 40.354 | ng    | 96       |
| 35) Caprolactam               | 11.666 | 113  | 22111    | 35.747 | ng    | # 86     |
| 36) 4-Chloro-3-methylphenol   | 12.024 | 107  | 77839    | 37.583 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.383 | 142  | 152585   | 38.526 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.606 | 142  | 155044   | 38.886 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.759 | 216  | 119394   | 41.447 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.735 | 237  | 44040    | 39.937 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 12.999 | 196  | 71370    | 38.591 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051024\  
 Data File : BG061160.D  
 Acq On : 10 May 2024 11:47  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 11 01:51:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.076 | 196  | 77111    | 36.841 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 223967   | 40.468 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.440 | 162  | 178335   | 40.241 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 66130    | 40.213 | ng    | 86       |
| 49) Acenaphthylene            | 14.286 | 152  | 270748   | 39.777 | ng    | 99       |
| 50) Dimethylphthalate         | 14.022 | 163  | 249930   | 37.488 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 55029    | 38.589 | ng    | 98       |
| 52) Acenaphthene              | 14.627 | 154  | 166125   | 39.124 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.468 | 138  | 48418    | 37.107 | ng #  | 97       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 29924    | 30.993 | ng    | 96       |
| 55) Dibenzofuran              | 14.962 | 168  | 279376   | 38.953 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.791 | 139  | 34427    | 32.648 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.932 | 165  | 78857    | 37.376 | ng    | 91       |
| 58) Fluorene                  | 15.614 | 166  | 230836   | 37.194 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.197 | 232  | 70323    | 32.638 | ng    | 96       |
| 60) Diethylphthalate          | 15.385 | 149  | 239637   | 35.644 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204  | 137975   | 37.025 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.632 | 138  | 51028    | 36.058 | ng    | 96       |
| 63) Azobenzene                | 15.902 | 77   | 199284   | 38.078 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 50849    | 39.286 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.820 | 169  | 207740   | 40.158 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.501 | 248  | 100441   | 40.872 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.625 | 284  | 119559   | 39.089 | ng    | 99       |
| 69) Atrazine                  | 16.772 | 200  | 71457    | 33.494 | ng    | 95       |
| 70) Pentachlorophenol         | 16.971 | 266  | 61935    | 32.960 | ng    | 96       |
| 71) Phenanthrene              | 17.353 | 178  | 374771   | 39.290 | ng    | 99       |
| 72) Anthracene                | 17.447 | 178  | 377781   | 39.692 | ng    | 99       |
| 73) Carbazole                 | 17.717 | 167  | 330757   | 39.524 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.276 | 149  | 391555   | 39.349 | ng    | 100      |
| 75) Fluoranthene              | 19.368 | 202  | 499134   | 38.197 | ng    | 98       |
| 77) Benzidine                 | 19.545 | 184  | 120358   | 32.170 | ng    | 98       |
| 78) Pyrene                    | 19.727 | 202  | 515670   | 39.999 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.620 | 149  | 163532   | 40.072 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.554 | 228  | 517467   | 38.996 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.472 | 252  | 184290   | 38.591 | ng    | 98       |
| 83) Chrysene                  | 21.619 | 228  | 491290   | 39.517 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.466 | 149  | 221386   | 41.544 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.647 | 149  | 382538   | 40.687 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.246 | 276  | 634772   | 39.815 | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 23.710 | 252  | 512967   | 38.159 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.775 | 252  | 505231   | 39.066 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.551 | 252  | 458470   | 39.146 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.305 | 278  | 517439   | 39.191 | ng #  | 98       |
| 92) Benzo(g,h,i)perylene      | 29.357 | 276  | 519778   | 39.616 | ng    | 97       |

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

