

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090525\  
 Data File : BG064296.D  
 Acq On : 5 Sep 2025 17:12  
 Operator : RC/JU  
 Sample : Q2893-09  
 Misc : MDL-WATER 4PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT3-2025

Quant Time: Sep 05 18:03:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025  
 Supervised By :Jagrut Upadhyay 09/08/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.853  | 152  | 25945    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.638 | 136  | 112224   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.474 | 164  | 83061    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.218 | 188  | 205903   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.448 | 240  | 221598   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.457 | 264  | 245431   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.438  | 112  | 165639   | 114.539 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.024  | 99   | 233504   | 117.531 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 176706   | 87.815  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 158466   | 144.036 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.099 | 172  | 474905   | 87.270  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.839 | 244  | 992612   | 93.455  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.358  | 88   | 2487     | 4.126   | ng    | # 80     |
| 3) Pyridine                   | 3.752  | 79   | 6122     | 3.450   | ng    | # 50     |
| 4) n-Nitrosodimethylamine     | 3.663  | 42   | 4375     | 3.728   | ng    | # 85     |
| 6) Aniline                    | 7.183  | 93   | 9848     | 3.584   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.418  | 128  | 6848     | 3.875   | ng    | 97       |
| 9) Benzaldehyde               | 6.995  | 77   | 6023     | 3.684   | ng    | # 69     |
| 10) Phenol                    | 7.048  | 94   | 7299     | 3.332   | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.271  | 93   | 5757     | 3.498   | ng    | # 78     |
| 12) 1,3-Dichlorobenzene       | 7.747  | 146  | 7193     | 3.826   | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.888  | 146  | 7599     | 4.005   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.205  | 146  | 7577     | 4.138   | ng    | 96       |
| 15) Benzyl Alcohol            | 8.088  | 79   | 6285     | 3.428   | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376  | 45   | 10990    | 2.924   | ng    | 95       |
| 17) 2-Methylphenol            | 8.287  | 107  | 4918     | 3.013   | ng    | 93       |
| 18) Hexachloroethane          | 8.928  | 117  | 2474     | 3.340   | ng    | # 76     |
| 19) n-Nitroso-di-n-propyla... | 8.652  | 70   | 5644     | 3.712   | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.616  | 107  | 7633     | 3.365   | ng    | 98       |
| 22) Acetophenone              | 8.663  | 105  | 10177    | 3.585   | ng    | # 87     |
| 24) Nitrobenzene              | 9.045  | 77   | 8035     | 3.822   | ng    | # 92     |
| 25) Isophorone                | 9.562  | 82   | 14592    | 3.489   | ng    | # 92     |
| 26) 2-Nitrophenol             | 9.756  | 139  | 3644     | 4.011   | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 9.815  | 122  | 5934     | 3.721   | ng    | # 93     |
| 28) bis(2-Chloroethoxy)met... | 10.050 | 93   | 7946     | 3.524   | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.285 | 162  | 6154     | 3.657   | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.508 | 180  | 7612     | 4.290   | ng    | 93       |
| 31) Naphthalene               | 10.690 | 128  | 21896    | 3.763   | ng    | # 94     |
| 32) Benzoic acid              | 9.915  | 122  | 2741m    | 2.165   | ng    |          |
| 33) 4-Chloroaniline           | 10.796 | 127  | 8510     | 3.773   | ng    | # 95     |
| 34) Hexachlorobutadiene       | 10.978 | 225  | 5138     | 3.917   | ng    | 92       |
| 35) Caprolactam               | 11.531 | 113  | 2351m    | 3.608   | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.924 | 107  | 8058     | 3.690   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.294 | 142  | 14129    | 3.266   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.518 | 142  | 15066    | 3.526   | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 12.670 | 216  | 10038    | 4.188   | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.647 | 237  | 4872     | 4.277   | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.906 | 196  | 5634     | 3.517   | ng    | 98       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.976 | 196  | 6577     | 3.785 | ng    | # 89     |
| 46) 1,1'-Biphenyl             | 13.311 | 154  | 23528    | 3.889 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.352 | 162  | 16241    | 3.571 | ng    | # 83     |
| 48) 2-Nitroaniline            | 13.552 | 65   | 4860     | 3.135 | ng    | # 82     |
| 49) Acenaphthylene            | 14.198 | 152  | 28103    | 4.180 | ng    | 97       |
| 50) Dimethylphthalate         | 13.928 | 163  | 25303    | 4.025 | ng    | # 96     |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 4583     | 3.765 | ng    | # 89     |
| 52) Acenaphthene              | 14.539 | 154  | 18847    | 3.972 | ng    | 93       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 4074     | 3.195 | ng    | 85       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 1729     | 7.672 | ng    | 88       |
| 55) Dibenzofuran              | 14.874 | 168  | 27947    | 3.745 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.692 | 139  | 2506     | 2.396 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 7055     | 3.834 | ng    | # 99     |
| 58) Fluorene                  | 15.520 | 166  | 23826    | 3.895 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.103 | 232  | 6909     | 4.134 | ng    | # 98     |
| 60) Diethylphthalate          | 15.297 | 149  | 25973    | 3.860 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.520 | 204  | 11922    | 3.909 | ng    | # 90     |
| 62) 4-Nitroaniline            | 15.532 | 138  | 4066     | 3.125 | ng    | 91       |
| 63) Azobenzene                | 15.808 | 77   | 22885    | 3.816 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 3808     | 3.221 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.732 | 169  | 21268    | 3.755 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.413 | 248  | 8341     | 3.814 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.525 | 284  | 9217     | 3.795 | ng    | 97       |
| 69) Atrazine                  | 16.678 | 200  | 9272     | 3.920 | ng    | 96       |
| 70) Pentachlorophenol         | 16.871 | 266  | 4695     | 3.188 | ng    | # 80     |
| 71) Phenanthrene              | 17.259 | 178  | 42376    | 3.902 | ng    | 96       |
| 72) Anthracene                | 17.347 | 178  | 40550    | 3.671 | ng    | 97       |
| 73) Carbazole                 | 17.618 | 167  | 36993    | 3.801 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.188 | 149  | 45507    | 3.892 | ng    | # 96     |
| 75) Fluoranthene              | 19.269 | 202  | 50942    | 3.989 | ng    | 94       |
| 77) Benzidine                 | 19.451 | 184  | 20593    | 4.418 | ng    | 95       |
| 78) Pyrene                    | 19.633 | 202  | 51046    | 3.656 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.526 | 149  | 19552    | 3.713 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 55138    | 3.889 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.354 | 252  | 18693    | 4.049 | ng    | 97       |
| 83) Chrysene                  | 21.490 | 228  | 51434    | 3.779 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.360 | 149  | 29422    | 3.722 | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 22.500 | 149  | 50638    | 3.676 | ng    | # 97     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.835 | 276  | 62216    | 3.712 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.505 | 252  | 52790    | 3.811 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.569 | 252  | 53974m   | 3.825 | ng    |          |
| 90) Benzo(a)pyrene            | 24.310 | 252  | 50543    | 3.923 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 27.900 | 278  | 50490    | 3.752 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 28.887 | 276  | 50818    | 3.881 | ng    | 97       |

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

