

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091025\  
 Data File : BG064331.D  
 Acq On : 10 Sep 2025 13:58  
 Operator : RC/JU  
 Sample : PB169593BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169593BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/11/2025  
 Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 14:36:44 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

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.847  | 152  | 23229    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.632 | 136  | 98242    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.469 | 164  | 69463    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.212 | 188  | 167983   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.443 | 240  | 181826   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 24.439 | 264  | 201546   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.438  | 112  | 163417   | 126.215 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.019  | 99   | 218277   | 122.713 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.999  | 82   | 155469   | 88.257  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.961 | 330  | 140831   | 153.066 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.094 | 172  | 400398   | 87.982  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.827 | 244  | 796653   | 91.411  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 16802    | 31.134  | ng    | # 87     |
| 3) Pyridine                   | 3.734  | 79   | 49068    | 30.888  | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 46007    | 43.785  | ng    | # 97     |
| 6) Aniline                    | 7.171  | 93   | 78232    | 31.804  | ng    | # 93     |
| 8) 2-Chlorophenol             | 7.412  | 128  | 70589    | 44.616  | ng    | 95       |
| 9) Benzaldehyde               | 6.983  | 77   | 28713    | 19.615  | ng    | 94       |
| 10) Phenol                    | 7.048  | 94   | 83788    | 42.725  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.271  | 93   | 54239    | 36.805  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.735  | 146  | 75207    | 44.682  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.882  | 146  | 78289    | 46.087  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.194  | 146  | 72092    | 43.972  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.082  | 79   | 70188    | 42.759  | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376  | 45   | 102521   | 30.471  | ng    | 97       |
| 17) 2-Methylphenol            | 8.288  | 107  | 60587    | 41.453  | ng    | 90       |
| 18) Hexachloroethane          | 8.922  | 117  | 28250    | 42.603  | ng    | # 84     |
| 19) n-Nitroso-di-n-propyla... | 8.652  | 70   | 50859    | 37.359  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.617  | 107  | 79557    | 39.174  | ng    | 96       |
| 22) Acetophenone              | 8.664  | 105  | 109219   | 43.944  | ng    | # 97     |
| 24) Nitrobenzene              | 9.040  | 77   | 80175    | 43.562  | ng    | 96       |
| 25) Isophorone                | 9.563  | 82   | 143125   | 39.094  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.751  | 139  | 38284    | 48.140  | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 9.815  | 122  | 68183    | 48.834  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.044 | 93   | 77928    | 39.476  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.279 | 162  | 72575    | 49.264  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.497 | 180  | 77638    | 49.982  | ng    | 94       |
| 31) Naphthalene               | 10.685 | 128  | 220096   | 43.204  | ng    | 98       |
| 32) Benzoic acid              | 9.962  | 122  | 47682    | 43.022  | ng    | 89       |
| 33) 4-Chloroaniline           | 10.791 | 127  | 54700    | 27.703  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.973 | 225  | 59181    | 51.542  | ng    | 91       |
| 35) Caprolactam               | 11.560 | 113  | 22963m   | 40.255  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.919 | 107  | 85948    | 44.965  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.295 | 142  | 150494   | 39.743  | ng    | 94       |
| 38) 1-Methylnaphthalene       | 12.512 | 142  | 156006   | 41.711  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.665 | 216  | 98214    | 49.004  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.647 | 237  | 143051   | 150.178 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 12.900 | 196  | 65881    | 49.180  | ng    | 96       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 70710    | 48.660  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.305 | 154  | 229075   | 45.278  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.346 | 162  | 169525   | 44.570  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 61936    | 47.776  | ng    | 96       |
| 49) Acenaphthylene            | 14.192 | 152  | 284027   | 50.516  | ng    | 99       |
| 50) Dimethylphthalate         | 13.928 | 163  | 235391   | 44.770  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.046 | 165  | 51221    | 50.322  | ng    | 95       |
| 52) Acenaphthene              | 14.533 | 154  | 166809   | 42.040  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.375 | 138  | 37789    | 35.442  | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 68354    | 101.174 | ng    | # 88     |
| 55) Dibenzofuran              | 14.868 | 168  | 282159   | 45.210  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.692 | 139  | 82396    | 94.209  | ng    | # 82     |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 76436    | 49.665  | ng    | # 96     |
| 58) Fluorene                  | 15.520 | 166  | 237474   | 46.423  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232  | 74498    | 53.302  | ng    | 96       |
| 60) Diethylphthalate          | 15.297 | 149  | 252794   | 44.926  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.514 | 204  | 119944   | 47.028  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.538 | 138  | 53140    | 48.843  | ng    | 91       |
| 63) Azobenzene                | 15.802 | 77   | 214818   | 42.833  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 52725    | 54.669  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.726 | 169  | 208224   | 45.060  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.407 | 248  | 85759    | 48.066  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.519 | 284  | 93827    | 47.356  | ng    | 94       |
| 69) Atrazine                  | 16.678 | 200  | 94236    | 48.840  | ng    | 98       |
| 70) Pentachlorophenol         | 16.866 | 266  | 129768   | 108.018 | ng    | # 89     |
| 71) Phenanthrene              | 17.254 | 178  | 393820   | 44.449  | ng    | 97       |
| 72) Anthracene                | 17.342 | 178  | 408976   | 45.379  | ng    | 99       |
| 73) Carbazole                 | 17.612 | 167  | 363876   | 45.831  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.176 | 149  | 445379   | 46.692  | ng    | 98       |
| 75) Fluoranthene              | 19.263 | 202  | 494723   | 47.489  | ng    | 97       |
| 77) Benzidine                 | 19.445 | 184  | 160928   | 42.073  | ng    | 97       |
| 78) Pyrene                    | 19.627 | 202  | 507175   | 44.274  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.520 | 149  | 198287   | 45.893  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.419 | 228  | 534950   | 45.988  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.343 | 252  | 130610   | 34.476  | ng    | 98       |
| 83) Chrysene                  | 21.484 | 228  | 499842   | 44.758  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.343 | 149  | 290590   | 44.797  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.483 | 149  | 492489   | 43.573  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.818 | 276  | 640807   | 46.557  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.493 | 252  | 522817   | 45.962  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.558 | 252  | 536633   | 46.307  | ng    | # 95     |
| 90) Benzo(a)pyrene            | 24.298 | 252  | 505003   | 47.726  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 27.876 | 278  | 520245   | 47.076  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 28.869 | 276  | 512258   | 47.637  | ng    | # 94     |

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

