

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110525\  
 Data File : BG064692.D  
 Acq On : 5 Nov 2025 19:26  
 Operator : RC/JU  
 Sample : PB170402BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170402BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

11/06/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Nov 06 00:09:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.206  | 152  | 15752    | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.026 | 136  | 75084    | 20.000 | ng    | #-0.02   |
| 39) Acenaphthene-d10      | 14.827 | 164  | 83046    | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.565 | 188  | 280781   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.837 | 240  | 309555   | 20.000 | ng    | #-0.02   |
| 86) Perylene-d12          | 25.168 | 264  | 301732   | 20.000 | ng    | -0.03    |

|                             |        |     |         |         |    |       |
|-----------------------------|--------|-----|---------|---------|----|-------|
| System Monitoring Compounds |        |     |         |         |    |       |
| 5) 2-Fluorophenol           | 5.738  | 112 | 128230  | 136.639 | ng | -0.01 |
| 7) Phenol-d6                | 7.342  | 99  | 196192  | 152.351 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 9.369  | 82  | 116469  | 93.168  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 16.308 | 330 | 246318  | 205.504 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.458 | 172 | 399736  | 72.959  | ng | -0.02 |
| 79) Terphenyl-d14           | 20.156 | 244 | 1584611 | 96.604  | ng | -0.02 |

|                               |        |     |        |        |    |        |
|-------------------------------|--------|-----|--------|--------|----|--------|
| Target Compounds              |        |     |        |        |    | Qvalue |
| 2) 1,4-Dioxane                | 3.564  | 88  | 10211  | 24.576 | ng | # 80   |
| 3) Pyridine                   | 3.981  | 79  | 34883  | 27.958 | ng | 96     |
| 4) n-Nitrosodimethylamine     | 3.881  | 42  | 26543  | 39.670 | ng | 91     |
| 6) Aniline                    | 7.512  | 93  | 58374  | 33.313 | ng | 91     |
| 8) 2-Chlorophenol             | 7.759  | 128 | 52787  | 53.739 | ng | 93     |
| 9) Benzaldehyde               | 7.324  | 77  | 21407  | 30.449 | ng | 96     |
| 10) Phenol                    | 7.371  | 94  | 74751  | 52.488 | ng | 91     |
| 11) bis(2-Chloroethyl)ether   | 7.606  | 93  | 43094  | 41.157 | ng | 92     |
| 12) 1,3-Dichlorobenzene       | 8.094  | 146 | 47710  | 42.200 | ng | 97     |
| 13) 1,4-Dichlorobenzene       | 8.241  | 146 | 49894  | 43.402 | ng | 93     |
| 14) 1,2-Dichlorobenzene       | 8.564  | 146 | 49296  | 44.459 | ng | 94     |
| 15) Benzyl Alcohol            | 8.435  | 79  | 54136  | 50.980 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.729  | 45  | 109989 | 40.046 | ng | 98     |
| 17) 2-Methylphenol            | 8.635  | 107 | 52273  | 55.283 | ng | 96     |
| 18) Hexachloroethane          | 9.304  | 117 | 16495  | 40.889 | ng | 92     |
| 19) n-Nitroso-di-n-propyla... | 9.005  | 70  | 43231  | 48.576 | ng | 97     |
| 20) 3+4-Methylphenols         | 8.964  | 107 | 76857  | 57.798 | ng | 96     |
| 22) Acetophenone              | 9.028  | 105 | 91854  | 44.752 | ng | # 99   |
| 24) Nitrobenzene              | 9.410  | 77  | 62137  | 45.700 | ng | 96     |
| 25) Isophorone                | 9.939  | 82  | 129240 | 43.085 | ng | 97     |
| 26) 2-Nitrophenol             | 10.127 | 139 | 28892  | 54.612 | ng | 96     |
| 27) 2,4-Dimethylphenol        | 10.180 | 122 | 64985  | 58.241 | ng | 96     |
| 28) bis(2-Chloroethoxy)met... | 10.415 | 93  | 70717  | 41.406 | ng | 97     |
| 29) 2,4-Dichlorophenol        | 10.668 | 162 | 67567  | 56.268 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene    | 10.891 | 180 | 61198  | 44.855 | ng | 95     |
| 31) Naphthalene               | 11.079 | 128 | 173664 | 41.717 | ng | 98     |
| 32) Benzoic acid              | 10.297 | 122 | 49134  | 56.278 | ng | 97     |
| 33) 4-Chloroaniline           | 11.179 | 127 | 52260  | 32.298 | ng | 95     |
| 34) Hexachlorobutadiene       | 11.373 | 225 | 44552  | 41.754 | ng | 96     |
| 35) Caprolactam               | 11.942 | 113 | 27042m | 58.716 | ng |        |
| 36) 4-Chloro-3-methylphenol   | 12.283 | 107 | 92743  | 64.254 | ng | 94     |
| 37) 2-Methylnaphthalene       | 12.671 | 142 | 134976 | 44.162 | ng | 98     |
| 38) 1-Methylnaphthalene       | 12.888 | 142 | 143897 | 47.559 | ng | 94     |
| 40) 1,2,4,5-Tetrachloroben... | 13.035 | 216 | 114803 | 41.191 | ng | 99     |
| 41) Hexachlorocyclopentadiene | 13.018 | 237 | 115610 | 92.157 | ng | 99     |
| 43) 2,4,6-Trichlorophenol     | 13.264 | 196 | 78495  | 49.237 | ng | 100    |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.335 | 196  | 100358   | 54.550  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.664 | 154  | 250919   | 42.500  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.711 | 162  | 175107   | 39.292  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.899 | 65   | 81233    | 53.874  | ng    | 96       |
| 49) Acenaphthylene            | 14.551 | 152  | 344286   | 48.978  | ng    | 98       |
| 50) Dimethylphthalate         | 14.275 | 163  | 308030   | 48.473  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.387 | 165  | 64516    | 60.630  | ng    | 95       |
| 52) Acenaphthene              | 14.892 | 154  | 246986   | 51.428  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.716 | 138  | 54274    | 49.698  | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 14.921 | 184  | 86939    | 131.284 | ng    | # 33     |
| 55) Dibenzofuran              | 15.221 | 168  | 357615   | 46.059  | ng    | 97       |
| 56) 4-Nitrophenol             | 15.015 | 139  | 126769   | 125.202 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 15.168 | 165  | 105439   | 63.955  | ng    | # 99     |
| 58) Fluorene                  | 15.873 | 166  | 305682   | 50.412  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.444 | 232  | 120878   | 68.710  | ng    | 98       |
| 60) Diethylphthalate          | 15.632 | 149  | 333682   | 51.427  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.856 | 204  | 174245   | 51.205  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.873 | 138  | 84463    | 69.519  | ng    | 91       |
| 63) Azobenzene                | 16.149 | 77   | 279025   | 46.868  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.932 | 198  | 69786    | 55.524  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.067 | 169  | 297952   | 39.284  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.749 | 248  | 141629   | 42.565  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.872 | 284  | 167467   | 44.117  | ng    | 95       |
| 69) Atrazine                  | 17.007 | 200  | 162004   | 49.634  | ng    | 97       |
| 70) Pentachlorophenol         | 17.213 | 266  | 212832   | 89.912  | ng    | 94       |
| 71) Phenanthrene              | 17.606 | 178  | 657987   | 42.852  | ng    | 99       |
| 72) Anthracene                | 17.700 | 178  | 673551   | 43.123  | ng    | 99       |
| 73) Carbazole                 | 17.959 | 167  | 639854   | 46.456  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.517 | 149  | 721555   | 45.303  | ng    | 99       |
| 75) Fluoranthene              | 19.604 | 202  | 943056   | 49.027  | ng    | 98       |
| 77) Benzidine                 | 19.769 | 184  | 194933   | 28.107  | ng    | 99       |
| 78) Pyrene                    | 19.962 | 202  | 964101   | 47.669  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.838 | 149  | 300351   | 49.136  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.819 | 228  | 912456   | 44.455  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.725 | 252  | 220866   | 32.224  | ng    | 99       |
| 83) Chrysene                  | 21.890 | 228  | 853538   | 43.704  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.719 | 149  | 406087   | 44.460  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.977 | 149  | 651916   | 42.334  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.993 | 276  | 1032606  | 46.521  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.111 | 252  | 870906m  | 47.071  | ng    |          |
| 89) Benzo(k)fluoranthene      | 24.181 | 252  | 880109   | 47.535  | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.015 | 252  | 819357   | 48.176  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 29.058 | 278  | 864962   | 47.966  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 30.186 | 276  | 831747   | 48.283  | ng    | 98       |

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

