

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111725\  
 Data File : BG064786.D  
 Acq On : 17 Nov 2025 15:58  
 Operator : RC/JU  
 Sample : PB170586BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB170586BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025  
 Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil  
 Jodhani  
 11/18/2025

Quant Time: Nov 17 16:40:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.160  | 152  | 36431    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.981 | 136  | 142522   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.776 | 164  | 114088   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.502 | 188  | 287923   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.756 | 240  | 397605   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 25.017 | 264  | 387188   | 20.000 | ng    | 0.00     |

11/18/2025  
 Supervised By :Sohil  
 Jodhani

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.699  | 112 | 275364  | 131.988 | ng | 0.00 |
| 7) Phenol-d6                | 7.308  | 99  | 364435  | 131.335 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.330  | 82  | 235347  | 81.645  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.251 | 330 | 283809  | 127.551 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.407 | 172 | 648712  | 79.340  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.093 | 244 | 1652775 | 81.769  | ng | 0.00 |

|                               |        |     |        |        |    |        |
|-------------------------------|--------|-----|--------|--------|----|--------|
| Target Compounds              |        |     |        |        |    | Qvalue |
| 2) 1,4-Dioxane                | 3.525  | 88  | 28513  | 35.303 | ng | 95     |
| 3) Pyridine                   | 3.936  | 79  | 84336  | 35.045 | ng | 95     |
| 4) n-Nitrosodimethylamine     | 3.842  | 42  | 54046  | 44.125 | ng | 90     |
| 6) Aniline                    | 7.479  | 93  | 117597 | 31.795 | ng | 98     |
| 8) 2-Chlorophenol             | 7.726  | 128 | 113733 | 49.648 | ng | 95     |
| 9) Benzaldehyde               | 7.285  | 77  | 48925  | 26.935 | ng | 98     |
| 10) Phenol                    | 7.338  | 94  | 145531 | 48.203 | ng | 98     |
| 11) bis(2-Chloroethyl)ether   | 7.567  | 93  | 97597  | 45.428 | ng | 100    |
| 12) 1,3-Dichlorobenzene       | 8.055  | 146 | 119695 | 45.408 | ng | 98     |
| 13) 1,4-Dichlorobenzene       | 8.202  | 146 | 123878 | 46.152 | ng | 99     |
| 14) 1,2-Dichlorobenzene       | 8.525  | 146 | 121068 | 46.519 | ng | 98     |
| 15) Benzyl Alcohol            | 8.395  | 79  | 109045 | 47.876 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.689  | 45  | 211209 | 41.534 | ng | 97     |
| 17) 2-Methylphenol            | 8.601  | 107 | 101237 | 47.390 | ng | 99     |
| 18) Hexachloroethane          | 9.259  | 117 | 42964  | 42.262 | ng | 96     |
| 19) n-Nitroso-di-n-propyla... | 8.965  | 70  | 82892  | 44.181 | ng | 93     |
| 20) 3+4-Methylphenols         | 8.924  | 107 | 139650 | 47.719 | ng | 95     |
| 22) Acetophenone              | 8.983  | 105 | 193702 | 49.886 | ng | # 98   |
| 24) Nitrobenzene              | 9.371  | 77  | 129745 | 44.546 | ng | 97     |
| 25) Isophorone                | 9.894  | 82  | 237798 | 43.320 | ng | 97     |
| 26) 2-Nitrophenol             | 10.082 | 139 | 62517  | 47.721 | ng | 98     |
| 27) 2,4-Dimethylphenol        | 10.135 | 122 | 107834 | 46.332 | ng | 95     |
| 28) bis(2-Chloroethoxy)met... | 10.370 | 93  | 137175 | 45.519 | ng | 99     |
| 29) 2,4-Dichlorophenol        | 10.622 | 162 | 121666 | 48.691 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene    | 10.845 | 180 | 142705 | 47.296 | ng | 98     |
| 31) Naphthalene               | 11.034 | 128 | 357413 | 44.238 | ng | 99     |
| 32) Benzoic acid              | 10.270 | 122 | 69164m | 42.828 | ng |        |
| 33) 4-Chloroaniline           | 11.128 | 127 | 60843  | 18.826 | ng | 97     |
| 34) Hexachlorobutadiene       | 11.321 | 225 | 108562 | 41.934 | ng | 99     |
| 35) Caprolactam               | 11.891 | 113 | 36790m | 49.226 | ng |        |
| 36) 4-Chloro-3-methylphenol   | 12.238 | 107 | 132269 | 47.558 | ng | 97     |
| 37) 2-Methylnaphthalene       | 12.626 | 142 | 237489 | 39.281 | ng | 99     |
| 38) 1-Methylnaphthalene       | 12.843 | 142 | 248354 | 41.353 | ng | 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.990 | 216 | 217151 | 48.908 | ng | 99     |
| 41) Hexachlorocyclopentadiene | 12.972 | 237 | 256447 | 80.581 | ng | 97     |
| 43) 2,4,6-Trichlorophenol     | 13.219 | 196 | 122285 | 46.927 | ng | 99     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111725\  
 Data File : BG064786.D  
 Acq On : 17 Nov 2025 15:58  
 Operator : RC/JU  
 Sample : PB170586BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB170586BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025  
 Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil  
 Jodhani  
 11/18/2025

Quant Time: Nov 17 16:40:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.290 | 196  | 139846   | 47.849  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.619 | 154  | 400034   | 48.819  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.660 | 162  | 288916   | 44.754  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.848 | 65   | 101052   | 48.667  | ng    | 97       |
| 49) Acenaphthylene            | 14.500 | 152  | 502909   | 45.600  | ng    | 99       |
| 50) Dimethylphthalate         | 14.224 | 163  | 405699   | 45.017  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.336 | 165  | 85166    | 49.111  | ng    | 99       |
| 52) Acenaphthene              | 14.841 | 154  | 341253   | 51.606  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.665 | 138  | 54409    | 31.789  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.870 | 184  | 109403   | 90.799  | ng    | 95       |
| 55) Dibenzofuran              | 15.170 | 168  | 495164   | 45.293  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.964 | 139  | 144474   | 106.389 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.117 | 165  | 127486   | 49.036  | ng    | 96       |
| 58) Fluorene                  | 15.816 | 166  | 383133   | 44.684  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.387 | 232  | 146792   | 50.905  | ng    | 97       |
| 60) Diethylphthalate          | 15.575 | 149  | 394940   | 45.746  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.804 | 204  | 226853   | 44.085  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.822 | 138  | 85962    | 48.480  | ng    | 94       |
| 63) Azobenzene                | 16.092 | 77   | 334815   | 46.626  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.881 | 198  | 83634    | 52.317  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.010 | 169  | 359722   | 47.698  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.692 | 248  | 171438   | 45.341  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.815 | 284  | 205406   | 44.839  | ng    | 95       |
| 69) Atrazine                  | 16.950 | 200  | 171725   | 47.228  | ng    | 97       |
| 70) Pentachlorophenol         | 17.156 | 266  | 253863   | 92.598  | ng    | 99       |
| 71) Phenanthrene              | 17.549 | 178  | 730968   | 46.401  | ng    | 99       |
| 72) Anthracene                | 17.638 | 178  | 739278   | 46.023  | ng    | 100      |
| 73) Carbazole                 | 17.902 | 167  | 668028   | 48.377  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.448 | 149  | 720652   | 46.777  | ng    | 100      |
| 75) Fluoranthene              | 19.541 | 202  | 990231   | 45.968  | ng    | 100      |
| 77) Benzidine                 | 19.712 | 184  | 356154   | 29.910  | ng    | 99       |
| 78) Pyrene                    | 19.900 | 202  | 1044943  | 46.892  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.769 | 149  | 366693   | 46.783  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.739 | 228  | 1223717  | 45.263  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.645 | 252  | 262847   | 26.414  | ng    | 100      |
| 83) Chrysene                  | 21.809 | 228  | 1156526  | 45.374  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.633 | 149  | 510700   | 44.589  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.861 | 149  | 887291   | 44.816  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.760 | 276  | 1306911  | 49.130  | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.983 | 252  | 1205044  | 48.906  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.054 | 252  | 1208878  | 48.834  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.870 | 252  | 1118512  | 48.936  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.819 | 278  | 1084914  | 49.785  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.917 | 276  | 1044876  | 49.820  | ng    | 97       |

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

## Manual Integrations

Supervised By :Sohil  
Jodhani  
11/18/2025

11/18/2025  
Supervised By :Sohil  
Jodhani

11/18/2025

