

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080825\  
 Data File : BP025328.D  
 Acq On : 08 Aug 2025 11:38  
 Operator : CG/JU  
 Sample : PB169155BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169155BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/11/2025  
 Supervised By :Jagrut Upadhyay 08/11/2025

Quant Time: Aug 08 12:12:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.802  | 152  | 233353   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.572 | 136  | 896250   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.419 | 164  | 512160   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.219 | 188  | 955278   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.672 | 240  | 988522   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 25.054 | 264  | 1162713  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 1676855  | 115.576 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.966  | 99   | 2049865  | 107.353 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.937  | 82   | 1252794  | 77.441  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.925 | 330  | 652873   | 127.779 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.031 | 172  | 2742038  | 73.948  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.942 | 244  | 3879609  | 74.128  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 196456   | 34.312  | ng    | 97       |
| 3) Pyridine                   | 3.725  | 79   | 546004   | 34.324  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.637  | 42   | 270509   | 36.629  | ng    | 93       |
| 6) Aniline                    | 7.131  | 93   | 870651   | 33.215  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.372  | 128  | 662646   | 41.725  | ng    | 97       |
| 9) Benzaldehyde               | 6.943  | 77   | 344012m  | 25.367  | ng    |          |
| 10) Phenol                    | 6.996  | 94   | 779845   | 38.171  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.225  | 93   | 595553   | 37.204  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.690  | 146  | 712238   | 39.913  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.837  | 146  | 719299   | 39.842  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.149  | 146  | 688528   | 39.369  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.031  | 79   | 526468   | 35.569  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.319  | 45   | 860540   | 34.030  | ng    | 100      |
| 17) 2-Methylphenol            | 8.231  | 107  | 523701   | 38.309  | ng    | 98       |
| 18) Hexachloroethane          | 8.878  | 117  | 262593   | 40.672  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.596  | 70   | 433502   | 34.554  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.549  | 107  | 693278   | 36.828  | ng    | 97       |
| 22) Acetophenone              | 8.608  | 105  | 902879   | 40.129  | ng    | # 98     |
| 24) Nitrobenzene              | 8.984  | 77   | 642129   | 41.931  | ng    | 95       |
| 25) Isophorone                | 9.502  | 82   | 1208030  | 37.514  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.684  | 139  | 295207   | 44.537  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.743  | 122  | 580538   | 39.103  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.978  | 93   | 757431   | 38.665  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.219 | 162  | 558007   | 42.931  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.437 | 180  | 602837   | 42.039  | ng    | 100      |
| 31) Naphthalene               | 10.625 | 128  | 1878717  | 40.380  | ng    | 100      |
| 32) Benzoic acid              | 9.855  | 122  | 389016m  | 46.531  | ng    |          |
| 33) 4-Chloroaniline           | 10.713 | 127  | 585458   | 28.293  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.913 | 225  | 353919   | 42.995  | ng    | 99       |
| 35) Caprolactam               | 11.478 | 113  | 191664   | 38.011  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 585294   | 38.916  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.231 | 142  | 1164875  | 38.681  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.449 | 142  | 1209144  | 38.481  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.602 | 216  | 611382   | 43.724  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.584 | 237  | 850865   | 98.594  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.837 | 196  | 421460   | 46.659  | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 12.907 | 196  | 456967   | 45.098 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.243 | 154  | 1593861  | 42.229 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.284 | 162  | 1213449  | 42.140 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.478 | 65   | 348489   | 41.727 | ng    | 91       |
| 49) Acenaphthylene            | 14.137 | 152  | 2021058  | 42.077 | ng    | 100      |
| 50) Dimethylphthalate         | 13.872 | 163  | 1481651  | 39.684 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.978 | 165  | 317826   | 46.150 | ng    | 89       |
| 52) Acenaphthene              | 14.484 | 154  | 1342432m | 45.820 | ng    |          |
| 53) 3-Nitroaniline            | 14.307 | 138  | 287394   | 35.664 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.519 | 184  | 313418   | 81.053 | ng    | # 48     |
| 55) Dibenzofuran              | 14.819 | 168  | 1817605  | 41.515 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.619 | 139  | 637005   | 89.567 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.772 | 165  | 443053   | 41.942 | ng    | 98       |
| 58) Fluorene                  | 15.484 | 166  | 1427521  | 41.513 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.048 | 232  | 376573   | 44.490 | ng    | 99       |
| 60) Diethylphthalate          | 15.254 | 149  | 1514445  | 40.234 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.484 | 204  | 664495   | 40.761 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.484 | 138  | 359803   | 45.061 | ng    | 98       |
| 63) Azobenzene                | 15.778 | 77   | 1369333  | 39.159 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198  | 209681   | 49.114 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.690 | 169  | 1251830  | 43.038 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.390 | 248  | 416365   | 43.318 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 460328   | 42.682 | ng    | 96       |
| 69) Atrazine                  | 16.660 | 200  | 451347   | 44.125 | ng    | 98       |
| 70) Pentachlorophenol         | 16.860 | 266  | 655056   | 95.334 | ng    | 97       |
| 71) Phenanthrene              | 17.266 | 178  | 2224231  | 42.511 | ng    | 100      |
| 72) Anthracene                | 17.348 | 178  | 2252763  | 42.702 | ng    | 100      |
| 73) Carbazole                 | 17.625 | 167  | 2230897  | 44.053 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.236 | 149  | 2721704  | 44.425 | ng    | 100      |
| 75) Fluoranthene              | 19.342 | 202  | 2673508  | 44.140 | ng    | 99       |
| 77) Benzidine                 | 19.531 | 184  | 1889010  | 52.797 | ng    | 99       |
| 78) Pyrene                    | 19.719 | 202  | 2720696  | 41.389 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.678 | 149  | 1350609  | 50.661 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.654 | 228  | 2818424  | 42.905 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.560 | 252  | 838380   | 36.173 | ng    | 99       |
| 83) Chrysene                  | 21.713 | 228  | 2648727  | 43.473 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.607 | 149  | 2037696  | 47.868 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.901 | 149  | 3570059  | 50.104 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.901 | 276  | 3586859m | 43.040 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.983 | 252  | 2973377  | 42.720 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.054 | 252  | 2879284  | 41.730 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.889 | 252  | 2903408  | 43.316 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.001 | 278  | 2947674  | 43.187 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.071 | 276  | 2891361  | 43.164 | ng    | 99       |

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

