

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061025\  
 Data File : BP024890.D  
 Acq On : 10 Jun 2025 12:14  
 Operator : RC/JU  
 Sample : PB168321BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168321BS

Quant Time: Jun 10 12:45:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.607  | 152  | 214820   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.378 | 136  | 841828   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.248 | 164  | 497248   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.042 | 188  | 957018   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.471 | 240  | 1068770  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.724 | 264  | 1334408  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.243  | 112  | 1962820  | 152.516 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.813  | 99   | 2434716  | 142.984 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.760  | 82   | 1485402  | 85.742  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.766 | 330  | 1030160  | 149.847 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.854 | 172  | 3169651  | 85.871  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.771 | 244  | 5094182  | 85.426  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.166  | 88   | 231680   | 40.913  | ng    | 98       |
| 3) Pyridine                   | 3.561  | 79   | 614382   | 45.114  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.478  | 42   | 270031   | 48.501  | ng    | 98       |
| 6) Aniline                    | 6.949  | 93   | 660979   | 30.417  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.184  | 128  | 748812   | 51.326  | ng    | 99       |
| 9) Benzaldehyde               | 6.766  | 77   | 377188   | 38.431  | ng    | 99       |
| 10) Phenol                    | 6.837  | 94   | 903082   | 51.446  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.043  | 93   | 663220   | 48.037  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.496  | 146  | 786416   | 48.319  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.643  | 146  | 805989   | 49.080  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.954  | 146  | 773650   | 47.975  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.854  | 79   | 629658   | 48.182  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.125  | 45   | 813812   | 45.035  | ng    | 98       |
| 17) 2-Methylphenol            | 8.066  | 107  | 603097   | 49.200  | ng    | 100      |
| 18) Hexachloroethane          | 8.666  | 117  | 292770   | 47.353  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.407  | 70   | 505149   | 43.639  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.396  | 107  | 805803   | 48.182  | ng    | 97       |
| 22) Acetophenone              | 8.425  | 105  | 1042306  | 49.006  | ng    | 98       |
| 24) Nitrobenzene              | 8.801  | 77   | 770874   | 50.088  | ng    | 98       |
| 25) Isophorone                | 9.319  | 82   | 1370578  | 45.649  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.507  | 139  | 390958   | 51.484  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.578  | 122  | 664532   | 51.133  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.796  | 93   | 835144   | 46.630  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.054 | 162  | 653102   | 52.374  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.243 | 180  | 688137   | 48.926  | ng    | 98       |
| 31) Naphthalene               | 10.425 | 128  | 2117281  | 49.079  | ng    | 100      |
| 32) Benzoic acid              | 9.760  | 122  | 454106   | 51.707  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.554 | 127  | 421118   | 23.299  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.707 | 225  | 419291   | 49.462  | ng    | 99       |
| 35) Caprolactam               | 11.348 | 113  | 219383   | 47.794  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.695 | 107  | 716553   | 49.819  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.042 | 142  | 1322039  | 48.311  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.266 | 142  | 1372037  | 46.897  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.413 | 216  | 726945   | 51.521  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.390 | 237  | 891989   | 103.647 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.672 | 196  | 499083   | 52.670  | ng    | 100      |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.760 | 196  | 546738   | 53.878  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.066 | 154  | 1821498  | 50.406  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.107 | 162  | 1403016  | 50.516  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.331 | 65   | 437906   | 51.286  | ng    | 95       |
| 49) Acenaphthylene            | 13.966 | 152  | 2331682  | 50.351  | ng    | 99       |
| 50) Dimethylphthalate         | 13.707 | 163  | 1769408  | 48.238  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.825 | 165  | 395836   | 50.057  | ng    | 97       |
| 52) Acenaphthene              | 14.313 | 154  | 1321096  | 49.784  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.166 | 138  | 245591   | 29.927  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.389 | 184  | 515768   | 98.763  | ng    | 95       |
| 55) Dibenzofuran              | 14.648 | 168  | 2099718  | 49.294  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.519 | 139  | 684342   | 97.253  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.631 | 165  | 572454   | 51.752  | ng    | 99       |
| 58) Fluorene                  | 15.313 | 166  | 1723413  | 50.085  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.895 | 232  | 467525   | 51.565  | ng    | 99       |
| 60) Diethylphthalate          | 15.084 | 149  | 1805401  | 49.386  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.307 | 204  | 833591   | 49.546  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.354 | 138  | 397374   | 53.405  | ng    | 94       |
| 63) Azobenzene                | 15.601 | 77   | 1643264  | 49.012  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.413 | 198  | 336147   | 53.454  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.525 | 169  | 1511280  | 50.948  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.219 | 248  | 539932   | 50.002  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.336 | 284  | 657024   | 50.190  | ng    | 97       |
| 69) Atrazine                  | 16.507 | 200  | 556517   | 51.753  | ng    | 99       |
| 70) Pentachlorophenol         | 16.695 | 266  | 824146   | 121.644 | ng    | 99       |
| 71) Phenanthrene              | 17.083 | 178  | 2659435  | 50.286  | ng    | 100      |
| 72) Anthracene                | 17.183 | 178  | 2707798  | 50.555  | ng    | 100      |
| 73) Carbazole                 | 17.472 | 167  | 2625632  | 52.887  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.048 | 149  | 3066652  | 49.855  | ng    | 99       |
| 75) Fluoranthene              | 19.177 | 202  | 3134656  | 51.139  | ng    | 99       |
| 77) Benzidine                 | 19.383 | 184  | 1339792  | 40.475  | ng    | 100      |
| 78) Pyrene                    | 19.548 | 202  | 3299696  | 49.418  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.507 | 149  | 1516978  | 49.599  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.454 | 228  | 3512085  | 51.379  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.377 | 252  | 876789   | 32.309  | ng    | 100      |
| 83) Chrysene                  | 21.524 | 228  | 3271623  | 50.512  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.389 | 149  | 2280932  | 52.052  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.624 | 149  | 4192823  | 54.285  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.412 | 276  | 5105774  | 52.441  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.701 | 252  | 3933036  | 51.501  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.771 | 252  | 3914713  | 50.359  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.571 | 252  | 3852537  | 51.656  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.483 | 278  | 4233853  | 53.424  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.565 | 276  | 4183763  | 53.208  | ng    | 99       |

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

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