

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112125\  
 Data File : BF144314.D  
 Acq On : 21 Nov 2025 18:19  
 Operator : RC/JU  
 Sample : PB170692BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170692BS

Quant Time: Nov 21 22:04:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 63732    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.151  | 136  | 245497   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 132208   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 215195   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 152200   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 131672   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 452663   | 111.147 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 513538   | 111.284 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 324342   | 76.304  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 179305   | 108.076 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 678608   | 75.809  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 714925   | 74.612  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 64966    | 38.584  | ng    | 99       |
| 3) Pyridine                   | 3.463  | 79   | 185260   | 39.438  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 108232   | 44.109  | ng    | 94       |
| 6) Aniline                    | 6.528  | 93   | 133405   | 20.290  | ng    | # 41     |
| 8) 2-Chlorophenol             | 6.651  | 128  | 170614   | 42.718  | ng    | 98       |
| 9) Benzaldehyde               | 6.416  | 77   | 92368    | 35.447  | ng    | 97       |
| 10) Phenol                    | 6.522  | 94   | 224294   | 39.782  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 181073   | 44.075  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 206646   | 41.929  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 211046   | 42.743  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 200616   | 42.390  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 162682   | 44.521  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 325017   | 42.960  | ng    | 95       |
| 17) 2-Methylphenol            | 7.122  | 107  | 136739   | 43.035  | ng    | 100      |
| 18) Hexachloroethane          | 7.375  | 117  | 64526    | 39.335  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 125517   | 41.318  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 155750   | 41.583  | ng    | # 88     |
| 22) Acetophenone              | 7.275  | 105  | 223849   | 42.505  | ng    | 97       |
| 24) Nitrobenzene              | 7.451  | 77   | 187627   | 40.654  | ng    | 96       |
| 25) Isophorone                | 7.686  | 82   | 342501   | 42.599  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 96195    | 42.105  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 159389   | 46.547  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 209559   | 41.738  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 159085   | 40.308  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 167860   | 41.420  | ng    | 99       |
| 31) Naphthalene               | 8.169  | 128  | 471383   | 40.365  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 92819    | 36.979  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 41281    | 9.692   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 119279   | 39.053  | ng    | 100      |
| 35) Caprolactam               | 8.598  | 113  | 51530    | 47.657  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 145984   | 41.273  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 289799   | 37.116  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 290242   | 38.526  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 173399   | 40.019  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 58255    | 43.017  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 123281   | 41.804  | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 128160   | 40.322 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 388177   | 42.063 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 318516   | 40.462 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 102223   | 45.006 | ng    | 94       |
| 49) Acenaphthylene            | 9.769  | 152  | 490738   | 45.746 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 399222   | 45.581 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 80298    | 45.289 | ng    | 98       |
| 52) Acenaphthene              | 9.939  | 154  | 265713   | 37.040 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 53070    | 27.382 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 24295    | 22.692 | ng    | 90       |
| 55) Dibenzofuran              | 10.116 | 168  | 401544   | 39.967 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 109054   | 77.785 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 105123   | 44.290 | ng    | 99       |
| 58) Fluorene                  | 10.457 | 166  | 315418   | 41.292 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 94844    | 42.177 | ng    | 98       |
| 60) Diethylphthalate          | 10.328 | 149  | 358455   | 44.396 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 170284   | 39.135 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 74061    | 40.125 | ng    | 93       |
| 63) Azobenzene                | 10.610 | 77   | 322242   | 42.884 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 23009    | 15.739 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 315170   | 45.537 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 116472   | 42.403 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 133400   | 41.232 | ng    | 96       |
| 69) Atrazine                  | 11.098 | 200  | 108511   | 49.298 | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 135528   | 84.123 | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 447263   | 41.745 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 463565   | 42.550 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 412591   | 44.537 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 524175   | 46.805 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 480901   | 43.450 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 277489   | 61.637 | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 481826   | 39.263 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 196370   | 46.169 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 454676   | 43.103 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 133687   | 36.973 | ng    | 97       |
| 83) Chrysene                  | 14.074 | 228  | 393514   | 40.411 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 264187   | 45.374 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 438230   | 43.624 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 302869   | 32.043 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 377818   | 50.471 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 335889   | 47.938 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 315357   | 45.664 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 251769   | 33.167 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 233909   | 31.204 | ng    | 97       |

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

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