

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
 Data File : BF142752.D  
 Acq On : 12 Jun 2025 12:24  
 Operator : RC/JU  
 Sample : PB168412BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168412BS

Quant Time: Jun 12 12:53:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 11 05:56:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 70254    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 263534   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 135007   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.421 | 188  | 200298   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 126361   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 151059   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 550277   | 133.402 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.522  | 99   | 644996   | 132.866 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 405741   | 84.260  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 187465   | 126.695 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 854214   | 84.060  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 667261   | 72.526  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.745  | 88   | 64878    | 39.742  | ng    | 100      |
| 3) Pyridine                   | 3.504  | 79   | 176201   | 43.047  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.463  | 42   | 101201   | 48.323  | ng    | 97       |
| 6) Aniline                    | 6.557  | 93   | 231658   | 35.654  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 216177   | 47.956  | ng    | 99       |
| 9) Benzaldehyde               | 6.445  | 77   | 101783   | 33.857  | ng    | 99       |
| 10) Phenol                    | 6.539  | 94   | 247651   | 45.896  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 188334   | 46.728  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.833  | 146  | 237942   | 46.252  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 239155   | 45.999  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 230657   | 46.282  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.033  | 79   | 172289   | 46.956  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 289619   | 45.641  | ng    | 94       |
| 17) 2-Methylphenol            | 7.145  | 107  | 162606   | 47.053  | ng    | 100      |
| 18) Hexachloroethane          | 7.404  | 117  | 84945    | 45.591  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 139434   | 45.118  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 203161   | 46.631  | ng    | 97       |
| 22) Acetophenone              | 7.298  | 105  | 278879   | 47.573  | ng    | 96       |
| 24) Nitrobenzene              | 7.475  | 77   | 207309   | 48.507  | ng    | 98       |
| 25) Isophorone                | 7.716  | 82   | 370251   | 45.412  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 115535   | 48.439  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 191665   | 47.198  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 234412   | 46.308  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 177040   | 47.240  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 195295   | 47.159  | ng    | 98       |
| 31) Naphthalene               | 8.198  | 128  | 612579   | 47.001  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 106068   | 46.379  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 102227   | 19.535  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 123788   | 46.908  | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 47490    | 46.945  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.727  | 107  | 174531   | 44.788  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 379095   | 45.954  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 392842   | 45.968  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 193486   | 49.517  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 249904   | 99.646  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 123547   | 48.844  | ng    | 98       |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 11 05:56:09 2025  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 131553   | 48.154 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 513080   | 48.942 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 382212   | 49.487 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.474  | 65   | 106939   | 48.682 | ng    | 100      |
| 49) Acenaphthylene            | 9.798  | 152  | 622304   | 47.786 | ng    | 100      |
| 50) Dimethylphthalate         | 9.657  | 163  | 422487   | 46.862 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 93094    | 47.777 | ng    | 96       |
| 52) Acenaphthene              | 9.969  | 154  | 417851   | 51.751 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.886  | 138  | 56504    | 26.736 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 101399   | 95.002 | ng    | 90       |
| 55) Dibenzofuran              | 10.139 | 168  | 542318   | 47.167 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 130904   | 91.325 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.121 | 165  | 123550   | 47.958 | ng    | 99       |
| 58) Fluorene                  | 10.480 | 166  | 417667   | 46.001 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 105737   | 46.005 | ng    | 99       |
| 60) Diethylphthalate          | 10.351 | 149  | 402883   | 45.067 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.474 | 204  | 202374   | 45.639 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 85606    | 45.277 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 357398   | 45.776 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 62580    | 49.892 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 355242   | 51.597 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 121094   | 51.218 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 130979   | 49.908 | ng    | 99       |
| 69) Atrazine                  | 11.116 | 200  | 96252    | 52.436 | ng    | 100      |
| 70) Pentachlorophenol         | 11.227 | 266  | 136940   | 99.542 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 536254   | 49.974 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 546021   | 49.188 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 464740   | 50.009 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 513570   | 49.492 | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 498713   | 48.875 | ng    | 99       |
| 77) Benzidine                 | 12.757 | 184  | 168924   | 37.537 | ng    | 100      |
| 78) Pyrene                    | 12.868 | 202  | 492964   | 41.980 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 183651   | 52.887 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 424285   | 50.670 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 77747    | 28.793 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 385641   | 49.883 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 270044   | 51.819 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.656 | 149  | 497923   | 49.802 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 537789   | 48.041 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 433821   | 48.774 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 442483   | 51.272 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 436148   | 51.573 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 439987   | 48.136 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 431413   | 47.464 | ng    | 99       |

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

