

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052725\  
 Data File : BF142554.D  
 Acq On : 27 May 2025 11:14  
 Operator : RC/JU  
 Sample : PB168148BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168148BS

Quant Time: May 27 11:49:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 117001   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.180  | 136  | 459104   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 256338   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 454618   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 262646   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 245750   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 797708   | 114.866 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.528  | 99   | 984229   | 117.734 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 602601   | 71.572  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 352188   | 123.791 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1309821  | 68.566  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.015 | 244  | 1353438  | 70.419  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.757  | 88   | 97871    | 35.218  | ng    | 99       |
| 3) Pyridine                   | 3.516  | 79   | 272390   | 38.491  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.469  | 42   | 150039   | 40.834  | ng    | 93       |
| 6) Aniline                    | 6.563  | 93   | 314390   | 27.970  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 319186   | 42.197  | ng    | 98       |
| 9) Benzaldehyde               | 6.445  | 77   | 186747   | 37.141  | ng    | 97       |
| 10) Phenol                    | 6.539  | 94   | 386134   | 41.050  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 282921   | 41.783  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 338223   | 40.071  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 340585   | 40.058  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 327261   | 40.226  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 262834   | 42.545  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 464501   | 40.849  | ng    | 97       |
| 17) 2-Methylphenol            | 7.151  | 107  | 252276   | 42.717  | ng    | 99       |
| 18) Hexachloroethane          | 7.410  | 117  | 120051   | 40.437  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 212362   | 40.989  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 315674   | 41.740  | ng    | 97       |
| 22) Acetophenone              | 7.304  | 105  | 412272   | 40.566  | ng    | 95       |
| 24) Nitrobenzene              | 7.481  | 77   | 315442   | 41.540  | ng    | 99       |
| 25) Isophorone                | 7.722  | 82   | 577597   | 41.032  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 173172   | 42.679  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.833  | 122  | 306203   | 42.793  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 365696   | 41.587  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 277954   | 42.714  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 289532   | 40.997  | ng    | 98       |
| 31) Naphthalene               | 8.204  | 128  | 930350   | 41.155  | ng    | 100      |
| 32) Benzoic acid              | 7.951  | 122  | 203865   | 46.804  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 107118   | 11.694  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 175836   | 39.875  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 88219m   | 48.270  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 287441   | 43.101  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 580126   | 40.791  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 603579   | 41.030  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 293911   | 39.942  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 402194   | 81.024  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 207662   | 41.852  | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 221199   | 42.270  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 805425   | 40.500  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 594359   | 40.451  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 181095   | 42.640  | ng    | 97       |
| 49) Acenaphthylene            | 9.804  | 152  | 1016352  | 40.964  | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 721244   | 42.642  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 160168   | 43.875  | ng    | 100      |
| 52) Acenaphthene              | 9.974  | 154  | 685729   | 45.262  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.892  | 138  | 85733    | 21.501  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 193228   | 102.452 | ng    | 91       |
| 55) Dibenzofuran              | 10.145 | 168  | 900013   | 41.282  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 271740   | 92.365  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 224061   | 46.997  | ng    | 100      |
| 58) Fluorene                  | 10.492 | 166  | 697770   | 41.429  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 188176   | 43.075  | ng    | 100      |
| 60) Diethylphthalate          | 10.363 | 149  | 711417   | 43.066  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 341195   | 41.238  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 169492   | 46.869  | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 627218   | 42.273  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 121803   | 48.009  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 621470   | 39.957  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 216513   | 40.278  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 241072   | 40.547  | ng    | 99       |
| 69) Atrazine                  | 11.127 | 200  | 193658   | 46.884  | ng    | 100      |
| 70) Pentachlorophenol         | 11.233 | 266  | 288445   | 85.931  | ng    | 99       |
| 71) Phenanthrene              | 11.457 | 178  | 997602   | 41.061  | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 1029649  | 41.525  | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 919535   | 43.379  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1065447  | 45.919  | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1015709  | 44.741  | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 320164   | 32.757  | ng    | 99       |
| 78) Pyrene                    | 12.874 | 202  | 997841   | 40.726  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 324535   | 47.937  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 750849   | 42.812  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 92748    | 17.435  | ng    | 96       |
| 83) Chrysene                  | 14.098 | 228  | 639306   | 40.567  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 387833   | 44.750  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 636586   | 37.565  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 762321   | 41.320  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 656497   | 45.137  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 549403   | 40.330  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 593336   | 43.278  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 622394   | 41.595  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 618259   | 41.309  | ng    | 98       |

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

PB168148BS

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