

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081525\  
 Data File : BF143424.D  
 Acq On : 15 Aug 2025 18:57  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 15 18:57:34 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 125639   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 491006   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.963  | 164  | 272709   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 440330   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 224321   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 261605   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 580235   | 80.281 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 720369   | 79.088 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 674421   | 81.505 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 202301   | 83.344 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1240954  | 76.538 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1146442  | 85.853 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 137973   | 39.659 | ng    | 99       |
| 3) Pyridine                   | 3.499  | 79   | 372858   | 40.863 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.440  | 42   | 171863   | 40.523 | ng    | 100      |
| 6) Aniline                    | 6.592  | 93   | 498492   | 40.314 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 319839   | 40.083 | ng    | 99       |
| 9) Benzaldehyde               | 6.481  | 77   | 217414   | 44.869 | ng    | 98       |
| 10) Phenol                    | 6.575  | 94   | 430958   | 40.546 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 317550   | 40.305 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.869  | 146  | 355050   | 39.722 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.945  | 146  | 353824   | 39.650 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 337631   | 39.612 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.069  | 79   | 276064   | 41.098 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 537541   | 39.909 | ng    | 100      |
| 17) 2-Methylphenol            | 7.181  | 107  | 263479   | 40.471 | ng    | 99       |
| 18) Hexachloroethane          | 7.439  | 117  | 122314   | 40.268 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.339  | 70   | 222462   | 39.451 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 317327   | 40.773 | ng    | 100      |
| 22) Acetophenone              | 7.334  | 105  | 409319   | 38.772 | ng    | 100      |
| 24) Nitrobenzene              | 7.504  | 77   | 353900   | 40.922 | ng    | 100      |
| 25) Isophorone                | 7.745  | 82   | 634395   | 40.058 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.822  | 139  | 171500   | 42.777 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.863  | 122  | 268492   | 39.609 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 387437   | 39.801 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 278935   | 40.367 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 277133   | 39.142 | ng    | 100      |
| 31) Naphthalene               | 8.234  | 128  | 917858   | 39.375 | ng    | 100      |
| 32) Benzoic acid              | 7.975  | 122  | 145960   | 41.403 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.275  | 127  | 341869   | 40.630 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 177092   | 39.224 | ng    | 97       |
| 35) Caprolactam               | 8.645  | 113  | 84212    | 42.330 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.757  | 107  | 291765   | 40.997 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.922  | 142  | 615873   | 39.196 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.022  | 142  | 596492   | 39.623 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.086  | 216  | 297713   | 39.145 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.081  | 237  | 102238   | 40.416 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.198  | 196  | 193444   | 40.774 | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.245  | 196  | 210061   | 41.305 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.386  | 154  | 748830   | 39.081 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 590752   | 39.058 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.504  | 65   | 189676   | 42.141 | ng    | 97       |
| 49) Acenaphthylene            | 9.822  | 152  | 866445   | 39.677 | ng    | 100      |
| 50) Dimethylphthalate         | 9.675  | 163  | 686793   | 40.394 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 146942   | 43.842 | ng    | 98       |
| 52) Acenaphthene              | 9.998  | 154  | 589195   | 40.115 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.910  | 138  | 160770   | 43.062 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.022 | 184  | 60785    | 41.967 | ng    | 97       |
| 55) Dibenzofuran              | 10.169 | 168  | 827034   | 39.033 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.075 | 139  | 104368   | 44.464 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 198343   | 44.386 | ng    | 100      |
| 58) Fluorene                  | 10.510 | 166  | 635952   | 39.070 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232  | 167166   | 43.424 | ng    | 99       |
| 60) Diethylphthalate          | 10.380 | 149  | 636541   | 40.514 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.498 | 204  | 318141   | 39.533 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.522 | 138  | 152248   | 43.604 | ng    | 97       |
| 63) Azobenzene                | 10.663 | 77   | 637467   | 40.143 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 104008   | 45.779 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 554575   | 38.734 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 205635   | 39.547 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 215158   | 38.923 | ng    | 99       |
| 69) Atrazine                  | 11.139 | 200  | 177396   | 42.361 | ng    | 99       |
| 70) Pentachlorophenol         | 11.257 | 266  | 105712   | 43.486 | ng    | 99       |
| 71) Phenanthrene              | 11.474 | 178  | 919627   | 38.568 | ng    | 100      |
| 72) Anthracene                | 11.527 | 178  | 937696   | 38.935 | ng    | 100      |
| 73) Carbazole                 | 11.674 | 167  | 804170   | 39.480 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.004 | 149  | 859613   | 42.379 | ng    | 100      |
| 75) Fluoranthene              | 12.663 | 202  | 842615   | 39.770 | ng    | 100      |
| 77) Benzidine                 | 12.774 | 184  | 301000   | 47.400 | ng    | 100      |
| 78) Pyrene                    | 12.892 | 202  | 845466   | 43.363 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 216055   | 44.739 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 569456   | 39.874 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 164709   | 39.390 | ng    | 99       |
| 83) Chrysene                  | 14.110 | 228  | 539626   | 40.872 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 282227   | 41.151 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 546335   | 39.276 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.098 | 276  | 810056   | 41.292 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 561290   | 40.032 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.168 | 252  | 556803   | 40.263 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.510 | 252  | 536535   | 40.177 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 656933   | 41.699 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.551 | 276  | 652150   | 41.438 | ng    | 99       |

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

