

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082625\  
 Data File : BP025579.D  
 Acq On : 26 Aug 2025 10:21  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 26 11:32:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.778  | 152  | 235051   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.549 | 136  | 932609   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.390 | 164  | 572065   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.195 | 188  | 1130975  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 1110364  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.995 | 264  | 1292923  | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 1163809  | 82.226 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.972  | 99   | 1443988  | 79.575 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.925  | 82   | 1502043  | 81.472 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.913 | 330  | 639528   | 83.055 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.001 | 172  | 3325998  | 79.459 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.919 | 244  | 4877631  | 80.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 224845   | 40.557 | ng    | 98       |
| 3) Pyridine                   | 3.731  | 79   | 602438   | 39.701 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.637  | 42   | 257855   | 41.218 | ng    | 99       |
| 6) Aniline                    | 7.119  | 93   | 944949   | 38.650 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.361  | 128  | 636701   | 39.864 | ng    | 98       |
| 9) Benzaldehyde               | 6.931  | 77   | 616270   | 48.474 | ng    | 96       |
| 10) Phenol                    | 7.002  | 94   | 742076   | 38.972 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.208  | 93   | 578952   | 39.010 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.672  | 146  | 703964   | 39.972 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.814  | 146  | 707832   | 39.322 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.131  | 146  | 676716   | 38.836 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.019  | 79   | 549664   | 38.122 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.290  | 45   | 790859   | 39.779 | ng    | 97       |
| 17) 2-Methylphenol            | 8.225  | 107  | 514974   | 38.941 | ng    | 99       |
| 18) Hexachloroethane          | 8.849  | 117  | 266626   | 40.285 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.578  | 70   | 443913   | 36.932 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.549  | 107  | 686414   | 37.445 | ng    | 97       |
| 22) Acetophenone              | 8.590  | 105  | 929055   | 39.724 | ng    | 98       |
| 24) Nitrobenzene              | 8.966  | 77   | 663698   | 40.281 | ng    | 98       |
| 25) Isophorone                | 9.490  | 82   | 1265792  | 38.795 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.666  | 139  | 352539   | 41.691 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.737  | 122  | 573582   | 39.443 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.960  | 93   | 763692   | 38.722 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.213 | 162  | 573818   | 39.723 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.413 | 180  | 628899   | 39.714 | ng    | 98       |
| 31) Naphthalene               | 10.602 | 128  | 1894368  | 39.081 | ng    | 99       |
| 32) Benzoic acid              | 9.896  | 122  | 434436   | 40.466 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.702 | 127  | 820796   | 38.334 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.884 | 225  | 394850   | 40.037 | ng    | 98       |
| 35) Caprolactam               | 11.502 | 113  | 197954   | 37.371 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.843 | 107  | 641625   | 38.708 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.207 | 142  | 1212709  | 38.444 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.419 | 142  | 1260933  | 37.588 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.572 | 216  | 686446   | 41.548 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.554 | 237  | 432234   | 43.311 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.819 | 196  | 474193   | 42.513 | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.907 | 196  | 520069   | 42.543 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.219 | 154  | 1676486  | 40.352 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.260 | 162  | 1310530  | 40.519 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 402633   | 42.723 | ng    | 99       |
| 49) Acenaphthylene            | 14.107 | 152  | 2156400  | 40.292 | ng    | 99       |
| 50) Dimethylphthalate         | 13.843 | 163  | 1666999  | 39.793 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.966 | 165  | 362713   | 41.079 | ng    | 98       |
| 52) Acenaphthene              | 14.454 | 154  | 1225216  | 39.001 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.301 | 138  | 403295   | 40.597 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 235700   | 49.987 | ng    | 99       |
| 55) Dibenzofuran              | 14.801 | 168  | 1954402  | 39.350 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.643 | 139  | 314549   | 38.533 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 514206   | 40.818 | ng    | 99       |
| 58) Fluorene                  | 15.460 | 166  | 1521365  | 38.819 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.037 | 232  | 437267   | 40.510 | ng    | 99       |
| 60) Diethylphthalate          | 15.231 | 149  | 1688239  | 39.661 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.454 | 204  | 769934   | 39.502 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.478 | 138  | 412280   | 40.483 | ng    | 99       |
| 63) Azobenzene                | 15.754 | 77   | 1465800  | 40.216 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.537 | 198  | 320151   | 45.412 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.678 | 169  | 1358091  | 39.379 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.372 | 248  | 504211   | 40.536 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.495 | 284  | 584868   | 40.563 | ng    | 95       |
| 69) Atrazine                  | 16.654 | 200  | 507511   | 39.294 | ng    | 98       |
| 70) Pentachlorophenol         | 16.848 | 266  | 362130   | 39.786 | ng    | 97       |
| 71) Phenanthrene              | 17.237 | 178  | 2432486  | 39.153 | ng    | 99       |
| 72) Anthracene                | 17.337 | 178  | 2509132  | 39.548 | ng    | 100      |
| 73) Carbazole                 | 17.613 | 167  | 2303052  | 38.538 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.201 | 149  | 2913457  | 39.626 | ng    | 99       |
| 75) Fluoranthene              | 19.319 | 202  | 2791668  | 37.670 | ng    | 99       |
| 77) Benzidine                 | 19.519 | 184  | 1444118  | 38.109 | ng    | 100      |
| 78) Pyrene                    | 19.695 | 202  | 2881100  | 39.921 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.642 | 149  | 1352603  | 41.353 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 2873936  | 39.246 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 1108523  | 40.161 | ng    | 98       |
| 83) Chrysene                  | 21.683 | 228  | 2716264  | 39.608 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.554 | 149  | 1934845  | 40.185 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.842 | 149  | 3430668  | 41.424 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.836 | 276  | 3727641  | 39.314 | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 2993424  | 39.263 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.013 | 252  | 2949181  | 38.657 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.836 | 252  | 2890050  | 38.942 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.901 | 278  | 3048612  | 39.344 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.036 | 276  | 2965349  | 38.932 | ng    | 98       |

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

