

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061925\  
 Data File : BP025003.D  
 Acq On : 19 Jun 2025 16:16  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jun 19 17:03:01 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.602  | 152  | 293001   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.372 | 136  | 1208315  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.248 | 164  | 749971   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.060 | 188  | 1442527  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.501 | 240  | 1475585  | 20.000 | ng    | 0.02     |
| 86) Perylene-d12              | 24.777 | 264  | 1729833  | 20.000 | ng    | 0.06     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.237  | 112  | 1419951  | 80.893 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.813  | 99   | 1830233  | 78.805 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.754  | 82   | 1952872  | 78.536 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.784 | 330  | 787381   | 75.938 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.854 | 172  | 4269423  | 76.689 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.783 | 244  | 6507699  | 79.043 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 297217   | 38.481 | ng    | 99       |
| 3) Pyridine                   | 3.567  | 79   | 756643   | 40.735 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.478  | 42   | 285540   | 37.602 | ng    | 96       |
| 6) Aniline                    | 6.943  | 93   | 1193140  | 40.256 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.184  | 128  | 792320   | 39.817 | ng    | 99       |
| 9) Benzaldehyde               | 6.766  | 77   | 522415   | 39.025 | ng    | 99       |
| 10) Phenol                    | 6.837  | 94   | 933035   | 38.970 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.037  | 93   | 748954   | 39.772 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.490  | 146  | 866894   | 39.051 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.637  | 146  | 879838   | 39.281 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.949  | 146  | 835209   | 37.973 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.855  | 79   | 704685   | 39.535 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.119  | 45   | 981036   | 39.803 | ng    | 99       |
| 17) 2-Methylphenol            | 8.066  | 107  | 646746   | 38.683 | ng    | 98       |
| 18) Hexachloroethane          | 8.660  | 117  | 332788   | 39.463 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.407  | 70   | 603354   | 38.215 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.396  | 107  | 867046   | 38.011 | ng    | 96       |
| 22) Acetophenone              | 8.425  | 105  | 1181386  | 38.698 | ng    | # 99     |
| 24) Nitrobenzene              | 8.796  | 77   | 878369   | 39.762 | ng    | 100      |
| 25) Isophorone                | 9.319  | 82   | 1693766  | 39.303 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.507  | 139  | 444332   | 40.766 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.578  | 122  | 735607   | 39.434 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.796  | 93   | 1023801  | 39.826 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.054 | 162  | 718949   | 40.168 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.243 | 180  | 781406   | 38.707 | ng    | 99       |
| 31) Naphthalene               | 10.425 | 128  | 2383625  | 38.494 | ng    | 99       |
| 32) Benzoic acid              | 9.778  | 122  | 508103   | 40.308 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.554 | 127  | 1049414  | 40.451 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.701 | 225  | 476413   | 39.155 | ng    | 99       |
| 35) Caprolactam               | 11.366 | 113  | 261466   | 39.685 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.713 | 107  | 799655   | 38.734 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.043 | 142  | 1506350  | 38.351 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.266 | 142  | 1584416  | 37.731 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.419 | 216  | 830423   | 39.022 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.390 | 237  | 595750   | 45.898 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.684 | 196  | 569887   | 39.876 | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.778 | 196  | 619307   | 40.464 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.066 | 154  | 2131451  | 39.108 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.113 | 162  | 1629481  | 38.900 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.342 | 65   | 510914   | 39.673 | ng    | 92       |
| 49) Acenaphthylene            | 13.966 | 152  | 2692472  | 38.549 | ng    | 100      |
| 50) Dimethylphthalate         | 13.707 | 163  | 2119414  | 38.309 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.842 | 165  | 461808   | 38.721 | ng    | 99       |
| 52) Acenaphthene              | 14.313 | 154  | 1547743  | 38.671 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.184 | 138  | 508209   | 41.061 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.413 | 184  | 321877   | 44.127 | ng    | 98       |
| 55) Dibenzofuran              | 14.654 | 168  | 2463310  | 38.343 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.566 | 139  | 533372   | 52.870 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.648 | 165  | 658008   | 39.441 | ng    | 94       |
| 58) Fluorene                  | 15.319 | 166  | 1973904  | 38.034 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.907 | 232  | 526622   | 38.510 | ng    | 100      |
| 60) Diethylphthalate          | 15.095 | 149  | 2127683  | 38.589 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.307 | 204  | 963945   | 37.987 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.366 | 138  | 474378   | 42.270 | ng    | 95       |
| 63) Azobenzene                | 15.613 | 77   | 1966875  | 38.896 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.442 | 198  | 366574   | 38.673 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.536 | 169  | 1751316  | 39.169 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.231 | 248  | 630553   | 38.740 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.348 | 284  | 738492   | 37.427 | ng    | 98       |
| 69) Atrazine                  | 16.525 | 200  | 628444   | 38.772 | ng    | 99       |
| 70) Pentachlorophenol         | 16.719 | 266  | 438386   | 42.928 | ng    | 100      |
| 71) Phenanthrene              | 17.101 | 178  | 3048952  | 38.248 | ng    | 99       |
| 72) Anthracene                | 17.189 | 178  | 3119322  | 38.637 | ng    | 99       |
| 73) Carbazole                 | 17.489 | 167  | 2931614  | 39.176 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.060 | 149  | 3708405  | 39.997 | ng    | 100      |
| 75) Fluoranthene              | 19.195 | 202  | 3505129  | 37.937 | ng    | 100      |
| 77) Benzidine                 | 19.395 | 184  | 1916667  | 41.939 | ng    | 100      |
| 78) Pyrene                    | 19.572 | 202  | 3618871  | 39.256 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.513 | 149  | 1708476  | 40.460 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.477 | 228  | 3634343  | 38.509 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.413 | 252  | 1430333  | 38.175 | ng    | 98       |
| 83) Chrysene                  | 21.548 | 228  | 3521353  | 39.378 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.407 | 149  | 2535268  | 41.905 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.648 | 149  | 4404501  | 41.304 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.477 | 276  | 4802304  | 38.049 | ng    | # 87     |
| 88) Benzo(b)fluoranthene      | 23.736 | 252  | 3812957m | 38.515 | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.801 | 252  | 3876573  | 38.469 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.624 | 252  | 3713825  | 38.413 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.553 | 278  | 3926914  | 38.224 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.642 | 276  | 3790897  | 37.191 | ng    | 98       |

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

**Instrument :**

BNA P

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SSTDCCC040

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QLast Update : Fri Jun 06 16:20:27 2025

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