

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080525\  
 Data File : BP025301.D  
 Acq On : 05 Aug 2025 14:06  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/06/2025  
 Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:00:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 05:56:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.802  | 152  | 294592   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.572 | 136  | 1257251  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.413 | 164  | 772745   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.201 | 188  | 1545091  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.642 | 240  | 1541869  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 25.018 | 264  | 1709357  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.402  | 112  | 736938   | 39.974 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.961  | 99   | 970685   | 39.915 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.937  | 82   | 943796   | 40.616 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.913 | 330  | 325099   | 40.747 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.031 | 172  | 2285838  | 41.076 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.925 | 244  | 3380656  | 41.421 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 141085   | 19.519 | ng    | 98       |
| 3) Pyridine                   | 3.725  | 79   | 394975   | 19.668 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.637  | 42   | 184663   | 19.807 | ng    | 97       |
| 6) Aniline                    | 7.131  | 93   | 650581   | 19.660 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.366  | 128  | 399216   | 19.912 | ng    | 99       |
| 9) Benzaldehyde               | 6.943  | 77   | 319029   | 18.633 | ng    | 98       |
| 10) Phenol                    | 6.984  | 94   | 509021   | 19.736 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.225  | 93   | 400605   | 19.823 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.696  | 146  | 449548   | 19.955 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.837  | 146  | 452555   | 19.856 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.149  | 146  | 439038   | 19.885 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.025  | 79   | 362188   | 19.383 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.319  | 45   | 635912   | 19.920 | ng    | 98       |
| 17) 2-Methylphenol            | 8.225  | 107  | 340407   | 19.724 | ng    | 98       |
| 18) Hexachloroethane          | 8.878  | 117  | 158949   | 19.501 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.590  | 70   | 312863   | 19.754 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.543  | 107  | 461472   | 19.418 | ng    | 98       |
| 22) Acetophenone              | 8.607  | 105  | 640590   | 20.296 | ng    | # 99     |
| 24) Nitrobenzene              | 8.978  | 77   | 435932   | 20.293 | ng    | 100      |
| 25) Isophorone                | 9.502  | 82   | 882394   | 19.534 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.684  | 139  | 144380   | 17.898 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.743  | 122  | 387180   | 18.591 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 9.984  | 93   | 549341   | 19.991 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.213 | 162  | 368492   | 20.210 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.437 | 180  | 407796   | 20.272 | ng    | 98       |
| 31) Naphthalene               | 10.625 | 128  | 1313112  | 20.119 | ng    | 100      |
| 32) Benzoic acid              | 9.831  | 122  | 159597   | 19.976 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.719 | 127  | 578033   | 19.913 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.919 | 225  | 232981   | 20.177 | ng    | 99       |
| 35) Caprolactam               | 11.454 | 113  | 132591   | 18.704 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 410728   | 19.468 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.225 | 142  | 836183   | 19.794 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.443 | 142  | 884130   | 20.058 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.596 | 216  | 435991   | 20.666 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.584 | 237  | 250447   | 19.234 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.825 | 196  | 277071   | 20.330 | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 12.896 | 196  | 315277   | 20.622 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.243 | 154  | 1177906  | 20.684 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.284 | 162  | 893709   | 20.570 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.466 | 65   | 221835   | 19.318 | ng    | 98       |
| 49) Acenaphthylene            | 14.131 | 152  | 1469277  | 20.274 | ng    | 100      |
| 50) Dimethylphthalate         | 13.860 | 163  | 1136145  | 20.169 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.972 | 165  | 214760   | 20.669 | ng    | 96       |
| 52) Acenaphthene              | 14.472 | 154  | 893336   | 20.209 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.295 | 138  | 244949   | 20.146 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.501 | 184  | 62185    | 20.728 | ng    | # 64     |
| 55) Dibenzofuran              | 14.813 | 168  | 1340675  | 20.295 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.595 | 139  | 208471   | 19.428 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 278602   | 19.379 | ng    | 88       |
| 58) Fluorene                  | 15.466 | 166  | 1065702  | 20.540 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.037 | 232  | 261795   | 20.379 | ng    | 99       |
| 60) Diethylphthalate          | 15.248 | 149  | 1157469  | 20.380 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.472 | 204  | 502874   | 20.445 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 250280   | 20.775 | ng    | 99       |
| 63) Azobenzene                | 15.766 | 77   | 1062864  | 20.145 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.537 | 198  | 96827    | 20.007 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.678 | 169  | 954626   | 20.292 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.378 | 248  | 311442   | 20.033 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.495 | 284  | 345386   | 19.800 | ng    | 100      |
| 69) Atrazine                  | 16.654 | 200  | 336474   | 20.337 | ng    | 98       |
| 70) Pentachlorophenol         | 16.836 | 266  | 214251   | 19.278 | ng    | 98       |
| 71) Phenanthrene              | 17.242 | 178  | 1695710  | 20.038 | ng    | 99       |
| 72) Anthracene                | 17.342 | 178  | 1744320  | 20.442 | ng    | 100      |
| 73) Carbazole                 | 17.613 | 167  | 1677911  | 20.485 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.219 | 149  | 2066393  | 20.853 | ng    | 99       |
| 75) Fluoranthene              | 19.325 | 202  | 1994945  | 20.364 | ng    | 99       |
| 77) Benzidine                 | 19.513 | 184  | 1175553  | 21.065 | ng    | 100      |
| 78) Pyrene                    | 19.695 | 202  | 2081509  | 20.301 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.660 | 149  | 854396   | 20.547 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.619 | 228  | 2092336  | 20.421 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.542 | 252  | 745703   | 20.628 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 1938698  | 20.400 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.583 | 149  | 1391559  | 20.958 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.889 | 149  | 2211074  | 19.895 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.854 | 276  | 2454026m | 20.000 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.954 | 252  | 2040906  | 19.945 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.018 | 252  | 2032226  | 20.034 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.854 | 252  | 1962673  | 19.917 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.953 | 278  | 1992808  | 19.860 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.036 | 276  | 1964046  | 19.938 | ng    | 98       |

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

