

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110325\  
 Data File : BP026064.D  
 Acq On : 03 Nov 2025 18:57  
 Operator : RC/JU  
 Sample : Q3519-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-01-103125MS

Quant Time: Nov 03 23:56:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 30 11:51:34 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/06/2025

11/04/2025  
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 ahmed

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.684  | 152  | 408877   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.449 | 136  | 1700099  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.319 | 164  | 1097996  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.125 | 188  | 2187356  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.578 | 240  | 2374574  | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 24.901 | 264  | 2935727  | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.302  | 112  | 1861598  | 75.128 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.855  | 99   | 2420467  | 76.746 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.819  | 82   | 1344346  | 49.295 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.831 | 330  | 995655   | 83.877 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.931 | 172  | 3115974  | 40.778 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.872 | 244  | 4527911  | 38.741 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.231  | 88   | 276983   | 26.516 | ng    | 99       |
| 3) Pyridine                   | 3.626  | 79   | 771620   | 25.984 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.537  | 42   | 373036   | 31.343 | ng    | # 94     |
| 6) Aniline                    | 7.014  | 93   | 872635   | 20.732 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.249  | 128  | 1059707  | 38.620 | ng    | 98       |
| 9) Benzaldehyde               | 6.825  | 77   | 548986   | 33.485 | ng    | 97       |
| 10) Phenol                    | 6.884  | 94   | 1284041  | 36.672 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.114  | 93   | 909220   | 32.904 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.572  | 146  | 1081468  | 34.320 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.719  | 146  | 1107739  | 34.769 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.031  | 146  | 1078123  | 35.462 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.914  | 79   | 835148   | 36.731 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.208  | 45   | 1307165  | 31.300 | ng    | 98       |
| 17) 2-Methylphenol            | 8.119  | 107  | 865294   | 37.740 | ng    | 98       |
| 18) Hexachloroethane          | 8.755  | 117  | 378091   | 34.680 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.478  | 70   | 671510   | 34.300 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.437  | 107  | 1178361  | 36.944 | ng    | 98       |
| 22) Acetophenone              | 8.490  | 105  | 1455237  | 33.845 | ng    | 98       |
| 24) Nitrobenzene              | 8.861  | 77   | 1005643  | 34.925 | ng    | 98       |
| 25) Isophorone                | 9.390  | 82   | 1950450  | 33.414 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.566  | 139  | 520397   | 49.039 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.637  | 122  | 980435   | 39.941 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.866  | 93   | 1211423  | 32.930 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.102 | 162  | 1012496  | 39.065 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.313 | 180  | 1047151  | 37.172 | ng    | 98       |
| 31) Naphthalene               | 10.502 | 128  | 3159720  | 34.082 | ng    | 100      |
| 32) Benzoic acid              | 9.766  | 122  | 841068   | 54.086 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.602 | 127  | 548365   | 15.392 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.796 | 225  | 625812   | 34.958 | ng    | 99       |
| 35) Caprolactam               | 11.366 | 113  | 334780   | 36.783 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.731 | 107  | 1052566  | 38.740 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.119 | 142  | 2072550  | 31.941 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.343 | 142  | 2129373  | 33.779 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.490 | 216  | 1193233  | 34.976 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.472 | 237  | 679159   | 54.409 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.725 | 196  | 808593   | 40.098 | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|------------|
| 44) 2,4,5-Trichlorophenol     | 12.802 | 196  | 916170   | 39.816 | ng    | 98       | 11/06/2025 |
| 46) 1,1'-Biphenyl             | 13.137 | 154  | 2874521  | 34.190 | ng    | 99       |            |
| 47) 2-Chloronaphthalene       | 13.178 | 162  | 2255004  | 34.090 | ng    | 100      |            |
| 48) 2-Nitroaniline            | 13.372 | 65   | 621760   | 37.220 | ng    | 99       |            |
| 49) Acenaphthylene            | 14.037 | 152  | 3866556  | 40.104 | ng    | 100      |            |
| 50) Dimethylphthalate         | 13.766 | 163  | 2652956  | 33.217 | ng    | 99       |            |
| 51) 2,6-Dinitrotoluene        | 13.884 | 165  | 570823   | 38.885 | ng    | 94       |            |
| 52) Acenaphthene              | 14.384 | 154  | 2434846  | 36.787 | ng    | 99       |            |
| 53) 3-Nitroaniline            | 14.207 | 138  | 476903   | 27.686 | ng    | 98       |            |
| 54) 2,4-Dinitrophenol         | 14.419 | 184  | 518313   | 75.659 | ng    | 99       |            |
| 55) Dibenzofuran              | 14.725 | 168  | 3398411  | 33.984 | ng    | 99       |            |
| 56) 4-Nitrophenol             | 14.531 | 139  | 1195513  | 75.068 | ng    | 97       |            |
| 57) 2,4-Dinitrotoluene        | 14.684 | 165  | 811874   | 37.764 | ng    | 92       |            |
| 58) Fluorene                  | 15.390 | 166  | 2703610  | 34.509 | ng    | 100      |            |
| 59) 2,3,4,6-Tetrachlorophenol | 14.960 | 232  | 797538m  | 44.083 | ng    |          |            |
| 60) Diethylphthalate          | 15.166 | 149  | 2717494  | 33.845 | ng    | 100      |            |
| 61) 4-Chlorophenyl-phenyle... | 15.390 | 204  | 1300245  | 33.234 | ng    | 99       |            |
| 62) 4-Nitroaniline            | 15.401 | 138  | 592491   | 34.717 | ng    | 94       |            |
| 63) Azobenzene                | 15.690 | 77   | 2700111  | 37.106 | ng    | 96       |            |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198  | 335686   | 40.094 | ng    | 96       |            |
| 66) n-Nitrosodiphenylamine    | 15.607 | 169  | 2421046  | 35.400 | ng    | 100      |            |
| 67) 4-Bromophenyl-phenylether | 16.307 | 248  | 854700   | 35.226 | ng    | 98       |            |
| 68) Hexachlorobenzene         | 16.419 | 284  | 999928   | 36.202 | ng    | 99       |            |
| 69) Atrazine                  | 16.584 | 200  | 882661   | 38.258 | ng    | 98       |            |
| 70) Pentachlorophenol         | 16.766 | 266  | 1435977  | 85.113 | ng    | 99       |            |
| 71) Phenanthrene              | 17.166 | 178  | 5124212  | 40.248 | ng    | 99       |            |
| 72) Anthracene                | 17.266 | 178  | 4745542  | 37.603 | ng    | 99       |            |
| 73) Carbazole                 | 17.537 | 167  | 4150369  | 34.742 | ng    | 100      |            |
| 74) Di-n-butylphthalate       | 18.160 | 149  | 5015983  | 37.524 | ng    | 99       |            |
| 75) Fluoranthene              | 19.266 | 202  | 7813537  | 52.611 | ng    | 99       |            |
| 77) Benzidine                 | 19.466 | 184  | 1661174  | 27.561 | ng    | 99       |            |
| 78) Pyrene                    | 19.642 | 202  | 7833716  | 48.777 | ng    | 98       |            |
| 80) Butylbenzylphthalate      | 20.613 | 149  | 2363678  | 40.027 | ng    | 96       |            |
| 81) Benzo(a)anthracene        | 21.560 | 228  | 7304593  | 44.766 | ng    | 98       |            |
| 82) 3,3'-Dichlorobenzidine    | 21.483 | 252  | 1420442  | 27.018 | ng    | 99       |            |
| 83) Chrysene                  | 21.630 | 228  | 6689706  | 43.279 | ng    | 99       |            |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149  | 3521995  | 37.409 | ng    | # 98     |            |
| 85) Di-n-octyl phthalate      | 22.807 | 149  | 6326194  | 44.754 | ng    | 96       |            |
| 87) Indeno(1,2,3-cd)pyrene    | 28.701 | 276  | 8795463m | 40.581 | ng    |          |            |
| 88) Benzo(b)fluoranthene      | 23.866 | 252  | 8307788  | 45.585 | ng    | 99       |            |
| 89) Benzo(k)fluoranthene      | 23.930 | 252  | 6715585  | 36.085 | ng    | 99       |            |
| 90) Benzo(a)pyrene            | 24.754 | 252  | 7458056  | 44.544 | ng    | 99       |            |
| 91) Dibenzo(a,h)anthracene    | 28.789 | 278  | 6203990  | 35.175 | ng    | 99       |            |
| 92) Benzo(g,h,i)perylene      | 29.889 | 276  | 7391806  | 43.551 | ng    | 97       |            |

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

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