

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111225\  
 Data File : BP026111.D  
 Acq On : 12 Nov 2025 13:51  
 Operator : RC/JU  
 Sample : Q3577-04MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1AMS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025  
 Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 12 14:18:54 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

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.666  | 152  | 286816   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.437 | 136  | 1113592  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.313 | 164  | 679270   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.131 | 188  | 1375137  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.589 | 240  | 1547650  | 20.000  | ng    | 0.02     |
| 86) Perylene-d12              | 24.913 | 264  | 1816320  | 20.000  | ng    | 0.03     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.290  | 112  | 1979296  | 113.872 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.849  | 99   | 2334119  | 105.504 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.808  | 82   | 1548682  | 86.697  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.842 | 330  | 1066706  | 145.257 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 12.919 | 172  | 3677724  | 77.798  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.872 | 244  | 6063705  | 79.602  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.237  | 88   | 227832   | 31.092  | ng    | # 84     |
| 3) Pyridine                   | 3.625  | 79   | 589883   | 28.318  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.526  | 42   | 284585   | 34.087  | ng    | 90       |
| 6) Aniline                    | 7.002  | 93   | 498099   | 16.870  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.243  | 128  | 773283   | 40.175  | ng    | 97       |
| 9) Benzaldehyde               | 6.819  | 77   | 164993   | 14.346  | ng    | 98       |
| 10) Phenol                    | 6.872  | 94   | 859842   | 35.008  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.102  | 93   | 679963   | 35.080  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.566  | 146  | 676042   | 30.584  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.702  | 146  | 700049   | 31.323  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.014  | 146  | 677953   | 31.790  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.908  | 79   | 659924   | 41.377  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196  | 45   | 899491   | 30.705  | ng    | 97       |
| 17) 2-Methylphenol            | 8.108  | 107  | 647192   | 40.241  | ng    | 99       |
| 18) Hexachloroethane          | 8.743  | 117  | 236169   | 30.881  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.472  | 70   | 522595   | 38.053  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.431  | 107  | 885474   | 39.576  | ng    | 98       |
| 22) Acetophenone              | 8.484  | 105  | 1126414  | 39.996  | ng    | 97       |
| 24) Nitrobenzene              | 8.855  | 77   | 766260   | 40.627  | ng    | 97       |
| 25) Isophorone                | 9.372  | 82   | 1532059  | 40.070  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.560  | 139  | 397464   | 56.737  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.625  | 122  | 753023   | 46.834  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.860  | 93   | 951731   | 39.497  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.090 | 162  | 767119   | 45.186  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.307 | 180  | 715354   | 38.768  | ng    | 98       |
| 31) Naphthalene               | 10.490 | 128  | 2241551  | 36.912  | ng    | 100      |
| 32) Benzoic acid              | 9.743  | 122  | 516963   | 51.660  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.596 | 127  | 190487   | 8.163   | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.784 | 225  | 409687   | 34.938  | ng    | 97       |
| 35) Caprolactam               | 11.372 | 113  | 232275   | 38.961  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 11.731 | 107  | 806067   | 45.293  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.107 | 142  | 1519140  | 35.742  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.331 | 142  | 1577778  | 38.211  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216  | 882647   | 41.820  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.472 | 237  | 1010200  | 130.818 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.731 | 196  | 627997   | 50.340  | ng    | 100      |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.801 | 196  | 704100   | 49.463  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.137 | 154  | 2217593  | 42.636  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.172 | 162  | 1693386  | 41.380  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.378 | 65   | 503047   | 47.781  | ng    | 97       |
| 49) Acenaphthylene            | 14.031 | 152  | 2946667  | 49.403  | ng    | 100      |
| 50) Dimethylphthalate         | 13.778 | 163  | 2195071  | 44.426  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.884 | 165  | 477174   | 51.493  | ng    | 93       |
| 52) Acenaphthene              | 14.390 | 154  | 1713758  | 41.853  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.213 | 138  | 232505   | 22.377  | ng #  | 97       |
| 54) 2,4-Dinitrophenol         | 14.431 | 184  | 471528   | 98.495  | ng    | 94       |
| 55) Dibenzofuran              | 14.725 | 168  | 2670847  | 43.172  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.543 | 139  | 904373   | 91.792  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.684 | 165  | 699312   | 51.369  | ng    | 89       |
| 58) Fluorene                  | 15.384 | 166  | 2147301  | 44.304  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232  | 614715   | 54.923  | ng    | 98       |
| 60) Diethylphthalate          | 15.178 | 149  | 2245442  | 45.205  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.390 | 204  | 1051113  | 43.428  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.401 | 138  | 509240   | 48.232  | ng    | 96       |
| 63) Azobenzene                | 15.690 | 77   | 1923356  | 42.724  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.466 | 198  | 357082   | 59.646  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.607 | 169  | 1843397  | 42.874  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.307 | 248  | 682718   | 44.757  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.419 | 284  | 789027   | 45.438  | ng    | 98       |
| 69) Atrazine                  | 16.590 | 200  | 580307   | 40.010  | ng    | 99       |
| 70) Pentachlorophenol         | 16.766 | 266  | 1085843  | 102.373 | ng    | 99       |
| 71) Phenanthrene              | 17.172 | 178  | 3472347  | 43.383  | ng    | 99       |
| 72) Anthracene                | 17.260 | 178  | 3550619  | 44.752  | ng    | 99       |
| 73) Carbazole                 | 17.548 | 167  | 3311579  | 44.093  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.148 | 149  | 3953621  | 47.046  | ng    | 100      |
| 75) Fluoranthene              | 19.266 | 202  | 4289063  | 45.937  | ng    | 99       |
| 77) Benzidine                 | 19.460 | 184  | 969733   | 24.686  | ng    | 99       |
| 78) Pyrene                    | 19.648 | 202  | 4453760  | 42.549  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.613 | 149  | 1935013  | 49.406  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.572 | 228  | 4699567  | 44.189  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.483 | 252  | 598247   | 17.459  | ng    | 99       |
| 83) Chrysene                  | 21.636 | 228  | 4421697  | 43.891  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.536 | 149  | 2834697  | 45.586  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.813 | 149  | 5087689  | 55.223  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.707 | 276  | 6303307m | 47.007  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.866 | 252  | 4987496  | 44.233  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.936 | 252  | 5140820  | 44.647  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.766 | 252  | 4830762  | 46.634  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.795 | 278  | 5176919  | 47.441  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.865 | 276  | 5021946  | 47.824  | ng    | 99       |

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

