

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120225\  
 Data File : BP026217.D  
 Acq On : 02 Dec 2025 21:21  
 Operator : RC/JU  
 Sample : Q3742-02MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-1125-19MSD

Quant Time: Dec 03 00:23:46 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 19 01:25:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.661  | 152  | 266018   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.431 | 136  | 1092228  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.296 | 164  | 691945   | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.095 | 188  | 1361968  | 20.000 | ng    | -0.03    |
| 76) Chrysene-d12              | 21.542 | 240  | 1372768  | 20.000 | ng    | -0.03    |
| 86) Perylene-d12              | 24.836 | 264  | 1653196  | 20.000 | ng    | -0.07    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.284  | 112  | 1383035  | 83.449 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.843  | 99   | 1734709  | 82.217 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.802  | 82   | 1011270  | 52.592 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.807 | 330  | 743078   | 82.783 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl          | 12.907 | 172  | 2523741  | 53.455 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.836 | 244  | 3775372  | 56.078 | ng    | -0.03    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.220  | 88   | 258238   | 38.415 | ng    | 98       |
| 3) Pyridine                   | 3.614  | 79   | 711307   | 36.614 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.520  | 42   | 311684   | 42.928 | ng    | 95       |
| 6) Aniline                    | 6.996  | 93   | 422097   | 15.152 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.237  | 128  | 856612   | 45.408 | ng    | 100      |
| 9) Benzaldehyde               | 6.814  | 77   | 603116   | 54.546 | ng    | 99       |
| 10) Phenol                    | 6.872  | 94   | 1007937  | 44.345 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.090  | 93   | 742228   | 41.706 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.555  | 146  | 905139   | 44.535 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.696  | 146  | 920977   | 44.970 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.008  | 146  | 897424   | 45.634 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.896  | 79   | 666643   | 43.127 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.178  | 45   | 1004529  | 40.190 | ng    | 99       |
| 17) 2-Methylphenol            | 8.102  | 107  | 684241   | 44.222 | ng    | 99       |
| 18) Hexachloroethane          | 8.731  | 117  | 331582   | 44.498 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.461  | 70   | 537236   | 40.986 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.425  | 107  | 918335   | 42.831 | ng    | 99       |
| 22) Acetophenone              | 8.472  | 105  | 1148744  | 41.378 | ng    | 99       |
| 24) Nitrobenzene              | 8.843  | 77   | 816940   | 42.001 | ng    | 99       |
| 25) Isophorone                | 9.366  | 82   | 1555018  | 40.793 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.543  | 139  | 438926   | 44.596 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.608  | 122  | 768841   | 43.322 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.843  | 93   | 974221   | 40.807 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.084 | 162  | 802138   | 45.222 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.290 | 180  | 836662   | 46.320 | ng    | 99       |
| 31) Naphthalene               | 10.478 | 128  | 2497264  | 42.306 | ng    | 99       |
| 32) Benzoic acid              | 9.755  | 122  | 566327   | 37.893 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.578 | 127  | 290372   | 11.567 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.772 | 225  | 532288   | 45.311 | ng    | 100      |
| 35) Caprolactam               | 11.366 | 113  | 248415   | 39.111 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.719 | 107  | 809116   | 42.917 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.096 | 142  | 1604210  | 38.334 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.313 | 142  | 1688335  | 41.276 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.466 | 216  | 930561   | 44.476 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.449 | 237  | 1139297  | 83.203 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.707 | 196  | 648749   | 45.228 | ng    | 99       |

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|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.778 | 196  | 709869   | 44.336 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.113 | 154  | 2242845  | 43.046 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.149 | 162  | 1763016  | 43.030 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.354 | 65   | 479985   | 42.128 | ng    | 95       |
| 49) Acenaphthylene             | 14.013 | 152  | 2971101  | 43.963 | ng    | 99       |
| 50) Dimethylphthalate          | 13.749 | 163  | 2159802  | 41.791 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.860 | 165  | 482188   | 47.087 | ng    | 96       |
| 52) Acenaphthene               | 14.354 | 154  | 1669050  | 42.142 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.190 | 138  | 239869   | 19.894 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.396 | 184  | 534031   | 86.391 | ng    | 98       |
| 55) Dibenzofuran               | 14.701 | 168  | 2634076  | 42.941 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.513 | 139  | 841851   | 77.180 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 14.666 | 165  | 666222   | 43.571 | ng    | 96       |
| 58) Fluorene                   | 15.354 | 166  | 2089152  | 43.088 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.931 | 232  | 626864   | 46.150 | ng    | 99       |
| 60) Diethylphthalate           | 15.137 | 149  | 2180853  | 41.890 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.360 | 204  | 1035641  | 42.929 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.372 | 138  | 420750   | 33.605 | ng    | 96       |
| 63) Azobenzene                 | 15.654 | 77   | 2030745  | 46.261 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph...  | 15.431 | 198  | 358302   | 41.411 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.572 | 169  | 1858361  | 44.109 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.272 | 248  | 684536   | 45.383 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.390 | 284  | 785760   | 44.894 | ng    | 94       |
| 69) Atrazine                   | 16.560 | 200  | 683152   | 43.000 | ng    | 98       |
| 70) Pentachlorophenol          | 16.737 | 266  | 1068259  | 87.253 | ng    | 99       |
| 71) Phenanthrene               | 17.137 | 178  | 3387610  | 44.154 | ng    | 100      |
| 72) Anthracene                 | 17.225 | 178  | 3419510  | 43.698 | ng    | 100      |
| 73) Carbazole                  | 17.513 | 167  | 3133057  | 42.154 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.113 | 149  | 3752772  | 42.590 | ng    | 99       |
| 75) Fluoranthene               | 19.231 | 202  | 4151308  | 44.533 | ng    | 99       |
| 77) Benzidine                  | 19.431 | 184  | 1484638  | 34.078 | ng    | 99       |
| 78) Pyrene                     | 19.607 | 202  | 4338846  | 48.204 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.578 | 149  | 1739964  | 43.895 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.530 | 228  | 4111032  | 43.604 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.466 | 252  | 401560   | 11.712 | ng    | # 97     |
| 83) Chrysene                   | 21.601 | 228  | 4113692  | 46.298 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.478 | 149  | 1621562  | 27.024 | ng    | # 51     |
| 85) Di-n-octyl phthalate       | 22.748 | 149  | 4509091  | 42.975 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.601 | 276  | 5415483  | 43.679 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 23.807 | 252  | 4581480  | 45.507 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.877 | 252  | 4556225  | 45.310 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.689 | 252  | 4460221  | 46.770 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.683 | 278  | 4476659  | 44.108 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.748 | 276  | 4491644  | 44.525 | ng    | 99       |

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

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