

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041425\  
 Data File : BP024281.D  
 Acq On : 14 Apr 2025 16:32  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Apr 14 17:27:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 14 17:03:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 283549   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.510 | 136  | 1206231  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.363 | 164  | 777459   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 1536805  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.621 | 240  | 1596148  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.986 | 264  | 1858365  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 2173071  | 126.481 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.916  | 99   | 3009690  | 128.049 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.881  | 82   | 2579126  | 121.729 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.881 | 330  | 1382037  | 129.818 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.975 | 172  | 5835791  | 113.964 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 9228969  | 115.262 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 2) 1,4-Dioxane                | 3.293  | 88   | 417124   | 56.869  | ng    | 100      |
| 3) Pyridine                   | 3.687  | 79   | 1176097m | 61.599  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.599  | 42   | 391176   | 61.443  | ng    | 99       |
| 6) Aniline                    | 7.069  | 93   | 1214636  | 57.245  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.305  | 128  | 1190812  | 62.021  | ng    | 99       |
| 9) Benzaldehyde               | 6.881  | 77   | 617878   | 50.755  | ng    | 99       |
| 10) Phenol                    | 6.946  | 94   | 1513303  | 64.123  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.163  | 93   | 1155297  | 60.579  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.622  | 146  | 1218832  | 58.589  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.763  | 146  | 1244205  | 58.981  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 1199988  | 58.830  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.975  | 79   | 1002308  | 66.533  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.257  | 45   | 1187992  | 57.259  | ng    | 99       |
| 17) 2-Methylphenol            | 8.175  | 107  | 978531   | 64.342  | ng    | 99       |
| 18) Hexachloroethane          | 8.804  | 117  | 453349   | 59.545  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.534  | 70   | 883042   | 60.486  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.499  | 107  | 1367005  | 64.895  | ng    | 99       |
| 22) Acetophenone              | 8.546  | 105  | 1792666  | 59.797  | ng    | # 99     |
| 24) Nitrobenzene              | 8.922  | 77   | 1276229  | 60.775  | ng    | 100      |
| 25) Isophorone                | 9.446  | 82   | 2365423  | 61.842  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.628  | 139  | 690735   | 68.504  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.693  | 122  | 826335   | 64.660  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.922  | 93   | 1539129  | 59.124  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 1124170  | 64.543  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.369 | 180  | 1138896  | 60.440  | ng    | 99       |
| 31) Naphthalene               | 10.557 | 128  | 3790924  | 59.373  | ng    | 99       |
| 32) Benzoic acid              | 9.869  | 122  | 1032910m | 74.795  | ng    |          |
| 33) 4-Chloroaniline           | 10.675 | 127  | 1372601  | 61.527  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.845 | 225  | 660129   | 59.719  | ng    | 99       |
| 35) Caprolactam               | 11.475 | 113  | 437691   | 68.445  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.804 | 107  | 1314421  | 64.762  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.169 | 142  | 2676555  | 60.487  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.387 | 142  | 2599119  | 59.960  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.540 | 216  | 1281552  | 59.981  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.522 | 237  | 459486   | 61.257  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.787 | 196  | 909999   | 64.732  | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 12.863 | 196  | 1017414  | 65.306 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.187 | 154  | 3330176  | 58.001 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.228 | 162  | 2542212  | 59.336 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.439 | 65   | 781584   | 66.042 | ng    | 98       |
| 49) Acenaphthylene            | 14.087 | 152  | 4111553  | 61.143 | ng    | 99       |
| 50) Dimethylphthalate         | 13.828 | 163  | 3404463  | 60.022 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.939 | 165  | 764810   | 63.998 | ng    | 98       |
| 52) Acenaphthene              | 14.434 | 154  | 2516981  | 58.858 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.275 | 138  | 793796   | 64.022 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.486 | 184  | 490497   | 76.655 | ng    | 97       |
| 55) Dibenzofuran              | 14.775 | 168  | 4124640  | 58.810 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.598 | 139  | 754038   | 70.748 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 1079633  | 66.836 | ng    | 98       |
| 58) Fluorene                  | 15.434 | 166  | 3184960  | 58.817 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.004 | 232  | 909497   | 63.097 | ng    | 100      |
| 60) Diethylphthalate          | 15.204 | 149  | 3495577  | 59.879 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.428 | 204  | 1563042  | 59.442 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.457 | 138  | 886163   | 67.414 | ng    | 98       |
| 63) Azobenzene                | 15.728 | 77   | 3229873  | 60.070 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 198  | 647253   | 72.083 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.651 | 169  | 2805137  | 60.874 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.339 | 248  | 1038071  | 61.926 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.457 | 284  | 1239550  | 62.200 | ng    | 97       |
| 70) Pentachlorophenol         | 16.816 | 266  | 936562   | 68.445 | ng    | 100      |
| 71) Phenanthrene              | 17.222 | 178  | 4988840  | 59.209 | ng    | 99       |
| 72) Anthracene                | 17.310 | 178  | 4938117  | 60.907 | ng    | 99       |
| 73) Carbazole                 | 17.592 | 167  | 4780408  | 60.584 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 6167206  | 62.730 | ng    | 100      |
| 75) Fluoranthene              | 19.304 | 202  | 6009748  | 60.092 | ng    | 98       |
| 77) Benzidine                 | 19.504 | 184  | 1446166  | 73.401 | ng    | 100      |
| 78) Pyrene                    | 19.680 | 202  | 6250781  | 61.204 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.621 | 149  | 2840001  | 65.961 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.604 | 228  | 6002059  | 60.318 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.521 | 252  | 2323294  | 67.333 | ng    | 100      |
| 83) Chrysene                  | 21.674 | 228  | 5714775  | 59.924 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.545 | 149  | 4153128  | 65.497 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.839 | 149  | 7116217  | 70.060 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.821 | 276  | 8057576m | 63.043 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.927 | 252  | 6715444  | 60.400 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.004 | 252  | 6500782  | 60.244 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.827 | 252  | 5964163  | 62.316 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.892 | 278  | 6614173  | 62.214 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.003 | 276  | 6740929  | 62.294 | ng    | 98       |

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

