

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011525\  
 Data File : BF141175.D  
 Acq On : 15 Jan 2025 15:05  
 Operator : RC/JU  
 Sample : Q1068-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-06-1-10-2025MS

Quant Time: Jan 15 15:37:05 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 151239   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 561441   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 265282   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 349564   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 322664   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 314686   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 683044   | 69.768 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 1001559  | 80.762 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 649918   | 61.362 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 100774   | 33.339 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 1143953  | 65.849 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 984818   | 45.364 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.575  | 88   | 105406   | 24.177 | ng    | 99       |
| 3) Pyridine                   | 3.316  | 79   | 252917   | 23.657 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.257  | 42   | 146758   | 28.074 | ng    | 100      |
| 6) Aniline                    | 6.481  | 93   | 159952   | 14.527 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 293315   | 27.925 | ng    | 97       |
| 9) Benzaldehyde               | 6.369  | 77   | 40960    | 5.608  | ng    | 95       |
| 10) Phenol                    | 6.463  | 94   | 379203   | 28.565 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 298559   | 30.178 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 323049   | 27.576 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 327369   | 27.731 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 311743   | 28.310 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 271930   | 30.363 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 397871   | 28.820 | ng    | 97       |
| 17) 2-Methylphenol            | 7.069  | 107  | 245642   | 28.967 | ng    | 99       |
| 18) Hexachloroethane          | 7.334  | 117  | 120353   | 28.192 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 215674   | 29.523 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 309253   | 28.906 | ng    | # 87     |
| 22) Acetophenone              | 7.228  | 105  | 419952   | 31.465 | ng    | 97       |
| 24) Nitrobenzene              | 7.404  | 77   | 320631   | 29.046 | ng    | 99       |
| 25) Isophorone                | 7.639  | 82   | 574003   | 31.712 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 120397   | 23.977 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 241988   | 35.728 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 355223   | 31.271 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 217566   | 27.047 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 263047   | 28.609 | ng    | 100      |
| 31) Naphthalene               | 8.128  | 128  | 918606   | 31.026 | ng    | 100      |
| 32) Benzoic acid              | 7.857  | 122  | 8091m    | 1.245  | ng    |          |
| 33) 4-Chloroaniline           | 8.175  | 127  | 115343   | 11.264 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 162534   | 29.337 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 69129    | 26.249 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 246845   | 28.059 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 578514   | 30.662 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 536900   | 28.874 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.980  | 216  | 255628   | 33.573 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 159842   | 64.166 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 88165    | 17.169 | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 119487   | 22.032 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.280  | 154  | 690480   | 33.515 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 495753   | 30.895 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.398  | 65   | 149394   | 31.408 | ng    | 98       |
| 49) Acenaphthylene            | 9.722  | 152  | 877645   | 38.283 | ng    | 100      |
| 50) Dimethylphthalate         | 9.580  | 163  | 590143   | 33.137 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 122290   | 29.528 | ng    | 94       |
| 52) Acenaphthene              | 9.892  | 154  | 485274   | 30.298 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.804  | 138  | 94941    | 22.559 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 6772     | 3.440  | ng    | # 1      |
| 55) Dibenzofuran              | 10.063 | 168  | 667349   | 30.632 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 68610    | 20.816 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 150510   | 28.200 | ng    | 100      |
| 58) Fluorene                  | 10.404 | 166  | 518351   | 30.626 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 51375    | 11.396 | ng    | # 99     |
| 60) Diethylphthalate          | 10.280 | 149  | 543883   | 31.282 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 247267   | 29.974 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 99151    | 24.070 | ng    | 99       |
| 63) Azobenzene                | 10.557 | 77   | 532827   | 31.058 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 12033    | 5.940  | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 431187   | 38.243 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 145801   | 36.228 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.951 | 284  | 150906   | 33.684 | ng    | 98       |
| 69) Atrazine                  | 11.045 | 200  | 134509   | 44.306 | ng    | 100      |
| 70) Pentachlorophenol         | 11.145 | 266  | 68531    | 23.886 | ng    | 99       |
| 71) Phenanthrene              | 11.369 | 178  | 746258   | 39.764 | ng    | 99       |
| 72) Anthracene                | 11.422 | 178  | 727636   | 39.875 | ng    | 99       |
| 73) Carbazole                 | 11.574 | 167  | 555900   | 33.223 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 684830   | 35.764 | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 867978   | 46.347 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 98399    | 16.445 | ng    | # 95     |
| 78) Pyrene                    | 12.786 | 202  | 1043972  | 33.875 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 282822   | 27.525 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 914236   | 41.633 | ng    | 95       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 141773   | 20.276 | ng    | 99       |
| 83) Chrysene                  | 14.015 | 228  | 771864   | 37.566 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 394268   | 31.980 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 724119   | 38.895 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.909 | 276  | 685937   | 29.752 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 906206   | 44.658 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 706586m  | 41.204 | ng    |          |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 834847   | 49.865 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.921 | 278  | 468043   | 25.100 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 603676   | 31.124 | ng    | 98       |

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

