

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102424\  
 Data File : BF140004.D  
 Acq On : 24 Oct 2024 16:48  
 Operator : RC/JU  
 Sample : P4467-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS

Quant Time: Oct 24 17:21:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.893  | 152  | 151264   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 576250   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 315137   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 529411   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 267551   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 360724   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 805687   | 83.384  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 1021804  | 81.650  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 642796   | 61.824  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 283105   | 96.043  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1123670  | 58.929  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 915305   | 55.745  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 171832   | 38.142  | ng    | 93       |
| 3) Pyridine                   | 3.499  | 79   | 438761   | 39.292  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 235636   | 39.275  | ng    | 97       |
| 6) Aniline                    | 6.551  | 93   | 456018   | 39.099  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 443860   | 44.935  | ng    | 96       |
| 9) Benzaldehyde               | 6.440  | 77   | 92752    | 13.175  | ng    | 95       |
| 10) Phenol                    | 6.528  | 94   | 561724m  | 43.539  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 430545   | 43.175  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 477261   | 42.090  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 489383   | 43.199  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 462436   | 43.738  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 405333   | 44.155  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 701721   | 41.269  | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 365135   | 43.350  | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 173112   | 42.852  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 319244   | 42.061  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 450776   | 41.841  | ng    | 95       |
| 22) Acetophenone              | 7.298  | 105  | 605629   | 42.909  | ng    | 98       |
| 24) Nitrobenzene              | 7.469  | 77   | 481672   | 42.254  | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 867683   | 43.969  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.787  | 139  | 227680   | 52.943  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 371367   | 51.788  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 517766   | 43.306  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 369829   | 45.279  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 382660   | 42.340  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1284074  | 43.206  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 261579   | 41.824  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 160062   | 15.795  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 250591   | 44.130  | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 116159m  | 44.727  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 394038   | 43.569  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.887  | 142  | 802736   | 44.103  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.987  | 142  | 752339   | 42.130  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 380696   | 44.778  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 471357   | 159.336 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 282232   | 46.888  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102424\  
 Data File : BF140004.D  
 Acq On : 24 Oct 2024 16:48  
 Operator : RC/JU  
 Sample : P4467-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS

Quant Time: Oct 24 17:21:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 280392   | 45.150  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 973591   | 44.379  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 769688   | 43.561  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 257832   | 47.711  | ng    | 90       |
| 49) Acenaphthylene            | 9.792  | 152  | 1189746  | 46.575  | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 897645   | 45.730  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 196954   | 46.341  | ng    | 94       |
| 52) Acenaphthene              | 9.963  | 154  | 807584   | 48.872  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 130524   | 29.780  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 182723   | 101.561 | ng    | # 1      |
| 55) Dibenzofuran              | 10.134 | 168  | 1054724  | 44.486  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 307515   | 91.196  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 264413   | 50.591  | ng    | 96       |
| 58) Fluorene                  | 10.475 | 166  | 789620   | 43.727  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 227526   | 46.735  | ng    | 96       |
| 60) Diethylphthalate          | 10.351 | 149  | 863653   | 44.811  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 404311   | 44.335  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 187027   | 45.181  | ng    | 96       |
| 63) Azobenzene                | 10.628 | 77   | 960246   | 46.996  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 130518   | 60.440  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 738410   | 46.602  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 259160   | 47.518  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 284470   | 46.377  | ng    | 98       |
| 69) Atrazine                  | 11.110 | 200  | 237987   | 55.446  | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 306185   | 82.249  | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1108145  | 44.313  | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1130666  | 46.341  | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 939513   | 41.403  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1231382  | 46.970  | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 990260   | 39.171  | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 289331   | 65.765  | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 962093   | 41.081  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 367843   | 52.390  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 813331   | 46.698  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 179744   | 35.396  | ng    | 98       |
| 83) Chrysene                  | 14.080 | 228  | 708241   | 44.351  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 473241   | 60.075  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 805035   | 56.185  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 1056164  | 45.512  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 879161   | 40.010  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 865105   | 45.651  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 868929   | 48.058  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 877416   | 45.323  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 759976   | 39.301  | ng    | 98       |

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

