

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101824\  
 Data File : BF139845.D  
 Acq On : 18 Oct 2024 10:55  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Quant Time: Oct 18 14:16:29 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 14:11:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 189112   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 737062   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 414324   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 741430   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 477223   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 377685   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 138495   | 11.465 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 179648   | 11.482 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 134439   | 10.109 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 41682    | 10.755 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 313171   | 12.492 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 329424   | 11.248 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 30759    | 5.461  | ng    | 97       |
| 3) Pyridine                   | 3.452  | 79   | 76703    | 5.494  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 38552    | 5.140  | ng    | # 96     |
| 6) Aniline                    | 6.545  | 93   | 79083    | 5.424  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 71065    | 5.754  | ng    | 98       |
| 10) Phenol                    | 6.510  | 94   | 92287    | 5.620  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 69504    | 5.575  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 81239    | 5.731  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 81442    | 5.750  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 78458    | 5.936  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 64060    | 5.582  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 119350   | 5.614  | ng    | 100      |
| 17) 2-Methylphenol            | 7.122  | 107  | 59770    | 5.676  | ng    | 96       |
| 18) Hexachloroethane          | 7.404  | 117  | 27566    | 5.458  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 53958    | 5.686  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 79329    | 5.890  | ng    | 92       |
| 22) Acetophenone              | 7.287  | 105  | 106522   | 5.900  | ng    | 98       |
| 24) Nitrobenzene              | 7.463  | 77   | 76831    | 5.269  | ng    | 96       |
| 25) Isophorone                | 7.698  | 82   | 139084   | 5.510  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 22867    | 4.157  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 52430    | 5.716  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 86298    | 5.643  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 56772    | 5.434  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 64640    | 5.592  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 222725   | 5.859  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 73196    | 5.647  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 41186    | 5.670  | ng    | 97       |
| 35) Caprolactam               | 8.557  | 113  | 16989    | 5.114  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 62903    | 5.438  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 136292   | 5.854  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 133747   | 5.856  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 63046    | 5.640  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 19121    | 4.916  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 41997    | 5.307  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 44086    | 5.399  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 169920   | 5.891  | ng    | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 133456   | 5.745 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 30999    | 4.363 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 192014   | 5.717 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 146096   | 5.661 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 26490    | 4.741 | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 124288   | 5.721 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 27995    | 4.858 | ng    | # 94     |
| 55) Dibenzofuran              | 10.128 | 168  | 182985   | 5.870 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 19402    | 4.376 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 29038    | 4.226 | ng    | 92       |
| 58) Fluorene                  | 10.469 | 166  | 145913   | 6.146 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 34636    | 5.411 | ng    | 97       |
| 60) Diethylphthalate          | 10.339 | 149  | 141466   | 5.583 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 72331    | 6.033 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 25747    | 4.731 | ng    | 96       |
| 63) Azobenzene                | 10.622 | 77   | 151158   | 5.627 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 124472   | 5.609 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 42707    | 5.591 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 47895    | 5.575 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 35075    | 5.835 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 21781    | 4.178 | ng    | 93       |
| 71) Phenanthrene              | 11.433 | 178  | 207716   | 5.931 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 200621   | 5.871 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 185743   | 5.845 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 204647   | 5.574 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 213038   | 6.017 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 54501    | 7.022 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 225742   | 5.404 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 58502    | 4.671 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 170026   | 5.473 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 43937    | 4.851 | ng    | 100      |
| 83) Chrysene                  | 14.074 | 228  | 158121   | 5.551 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 62085    | 4.419 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.010 | 276  | 114185   | 4.699 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 124353   | 5.405 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 114525   | 5.772 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 97243    | 5.137 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 96416    | 4.757 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 97292    | 4.805 | ng    | 99       |

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

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