

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041323\  
 Data File : BF132880.D  
 Acq On : 13 Apr 2023 16:33  
 Operator : CG\JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023  
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:08:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 14 04:50:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.775  | 152  | 338165   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.057  | 136  | 1179308  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.810  | 164  | 548093   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 936669   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.927 | 240  | 523607   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.351 | 264  | 493712   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 2942204  | 134.430 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.416  | 99   | 3635967  | 131.749 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 3241855  | 143.946 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 864300   | 160.933 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 4498972  | 122.715 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.880 | 244  | 4887363  | 153.602 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.493  | 88   | 776017   | 71.708  | ng    | 99       |
| 3) Pyridine                   | 3.210  | 79   | 2161230  | 74.278  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.187  | 42   | 1017817  | 72.742  | ng    | 99       |
| 6) Aniline                    | 6.451  | 93   | 2488221  | 69.202  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.563  | 128  | 1401987  | 63.613  | ng    | 98       |
| 10) Phenol                    | 6.434  | 94   | 2047850  | 66.313  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 1534380  | 65.988  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.716  | 146  | 1582126  | 65.888  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.793  | 146  | 1564670  | 65.270  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 1366728  | 61.414  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.922  | 79   | 1210196  | 65.443  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 2562436  | 65.353  | ng    | 98       |
| 17) 2-Methylphenol            | 7.028  | 107  | 1354765  | 68.730  | ng    | 98       |
| 18) Hexachloroethane          | 7.287  | 117  | 567516   | 67.505  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 1121515  | 68.053  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.193  | 107  | 1397968  | 60.097  | ng    | 98       |
| 22) Acetophenone              | 7.193  | 105  | 1821620  | 66.706  | ng    | # 89     |
| 24) Nitrobenzene              | 7.369  | 77   | 1647159  | 71.768  | ng    | 99       |
| 25) Isophorone                | 7.604  | 82   | 3092173  | 75.372  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.675  | 139  | 745508   | 84.035  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.716  | 122  | 1266698  | 72.350  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 1723525  | 69.143  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.916  | 162  | 1182721  | 72.112  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.998  | 180  | 1258347  | 71.293  | ng    | 98       |
| 31) Naphthalene               | 8.081  | 128  | 3904497  | 66.151  | ng    | 98       |
| 32) Benzoic acid              | 7.875  | 122  | 780638m  | 90.421  | ng    |          |
| 33) 4-Chloroaniline           | 8.128  | 127  | 1661853  | 69.346  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 726329   | 71.935  | ng    | 100      |
| 35) Caprolactam               | 8.534  | 113  | 376138m  | 80.246  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 1235572  | 73.844  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.769  | 142  | 2613888  | 66.088  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.869  | 142  | 2436273  | 66.031  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 1129248  | 69.475  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 711584   | 85.060  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.045  | 196  | 758244   | 75.546  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.087  | 196  | 864778   | 73.883  | ng    | 97       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 2900364  | 64.786 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 2246423  | 68.523 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.351  | 65   | 800739   | 84.879 | ng    | 98       |
| 49) Acenaphthylene            | 9.675  | 152  | 3490652  | 66.962 | ng    | 98       |
| 50) Dimethylphthalate         | 9.545  | 163  | 2671993  | 72.166 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 628558   | 77.565 | ng    | 91       |
| 52) Acenaphthene              | 9.845  | 154  | 2320290  | 68.540 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.769  | 138  | 750429   | 79.725 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 313478   | 93.875 | ng    | 93       |
| 55) Dibenzofuran              | 10.016 | 168  | 3162262  | 66.929 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.922  | 139  | 573162   | 80.233 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 797589   | 79.537 | ng    | 98       |
| 58) Fluorene                  | 10.363 | 166  | 2243115  | 64.854 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.134 | 232  | 672499   | 74.696 | ng    | 99       |
| 60) Diethylphthalate          | 10.239 | 149  | 2464832  | 72.391 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.351 | 204  | 1124761  | 66.340 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 722584   | 81.460 | ng    | 98       |
| 63) Azobenzene                | 10.516 | 77   | 2687047  | 69.145 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.410 | 198  | 406489   | 89.076 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 2145304  | 69.186 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 781477   | 73.612 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.904 | 284  | 799915   | 72.927 | ng    | # 91     |
| 69) Atrazine                  | 11.004 | 200  | 640915   | 76.453 | ng    | 98       |
| 70) Pentachlorophenol         | 11.092 | 266  | 585125   | 81.157 | ng    | 97       |
| 71) Phenanthrene              | 11.316 | 178  | 3437297  | 66.987 | ng    | 98       |
| 72) Anthracene                | 11.369 | 178  | 3534410  | 67.615 | ng    | 99       |
| 73) Carbazole                 | 11.522 | 167  | 3197744  | 69.589 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 3578563  | 77.703 | ng    | 99       |
| 75) Fluoranthene              | 12.504 | 202  | 3510764  | 68.992 | ng    | 98       |
| 77) Benzidine                 | 12.622 | 184  | 683570   | 87.561 | ng    | 98       |
| 78) Pyrene                    | 12.733 | 202  | 3633274  | 80.471 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.357 | 149  | 886507   | 82.064 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.916 | 228  | 2713427  | 74.550 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.880 | 252  | 685583   | 88.032 | ng    | 99       |
| 83) Chrysene                  | 13.957 | 228  | 2635590  | 74.320 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149  | 1097491  | 80.783 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 1867799  | 79.932 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.757 | 276  | 2718196  | 93.054 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.945 | 252  | 2312170  | 72.849 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.974 | 252  | 2326911  | 71.735 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.298 | 252  | 2238405  | 78.077 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.780 | 278  | 2223478  | 91.231 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.192 | 276  | 2275187  | 93.463 | ng    | 98       |

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

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