

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082024\  
 Data File : BF139086.D  
 Acq On : 20 Aug 2024 21:41  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF082024

Quant Time: Aug 21 01:29:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 21 01:25:05 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 131503   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 482835   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 279151   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 504492   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 299101   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 259634   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 661369   | 77.377 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 864502   | 78.276 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 775025   | 93.532 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 221899   | 87.807 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1339409  | 76.128 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 1522325  | 84.453 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.693  | 88   | 145187   | 39.603 | ng    | 99       |
| 3) Pyridine                   | 3.446  | 79   | 369164   | 39.627 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.410  | 42   | 211725   | 37.622 | ng    | 98       |
| 6) Aniline                    | 6.563  | 93   | 400396   | 40.159 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 323230   | 39.317 | ng    | 97       |
| 9) Benzaldehyde               | 6.451  | 77   | 257395   | 39.738 | ng    | 99       |
| 10) Phenol                    | 6.539  | 94   | 453541   | 39.467 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.639  | 93   | 336049   | 36.363 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 384376   | 38.887 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 388091   | 39.269 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 357123   | 39.538 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 343224   | 39.320 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 493587   | 37.916 | ng    | 99       |
| 17) 2-Methylphenol            | 7.145  | 107  | 277901   | 39.512 | ng    | 99       |
| 18) Hexachloroethane          | 7.410  | 117  | 136978   | 39.525 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 269988   | 37.225 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 354908   | 38.947 | ng    | # 86     |
| 22) Acetophenone              | 7.310  | 105  | 482210   | 39.114 | ng    | 96       |
| 24) Nitrobenzene              | 7.486  | 77   | 412392   | 44.775 | ng    | 99       |
| 25) Isophorone                | 7.722  | 82   | 700407   | 39.769 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 140738   | 44.307 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 220037   | 39.399 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 397597   | 38.636 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 281134   | 40.406 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 318510   | 39.095 | ng    | 99       |
| 31) Naphthalene               | 8.204  | 128  | 966033   | 39.482 | ng    | 100      |
| 32) Benzoic acid              | 7.951  | 122  | 204434   | 44.659 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 332486   | 39.678 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 213327   | 40.084 | ng    | 99       |
| 35) Caprolactam               | 8.628  | 113  | 91642    | 41.544 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 308176   | 40.003 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 608864   | 38.796 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 592889   | 39.143 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 311505   | 40.567 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 118697   | 40.411 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 213091   | 41.317 | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 208758   | 39.434 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 763030   | 39.902 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 601423   | 38.708 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 191713   | 43.634 | ng    | 100      |
| 49) Acenaphthylene            | 9.798  | 152  | 879919   | 39.533 | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 682415   | 39.598 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 149746   | 43.760 | ng    | 93       |
| 52) Acenaphthene              | 9.969  | 154  | 577194   | 39.258 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 149417   | 43.178 | ng    | # 98     |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 54802    | 48.138 | ng    | 86       |
| 55) Dibenzofuran              | 10.139 | 168  | 843236   | 39.486 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 121416   | 46.609 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 189415   | 44.204 | ng    | 98       |
| 58) Fluorene                  | 10.486 | 166  | 662565   | 38.823 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 178921   | 42.094 | ng    | 99       |
| 60) Diethylphthalate          | 10.357 | 149  | 679316   | 39.783 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 328835   | 38.579 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 151891   | 43.331 | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 739304   | 38.960 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 84045    | 46.812 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 567585   | 38.023 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 206250   | 38.582 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 222397   | 38.778 | ng    | 100      |
| 69) Atrazine                  | 11.122 | 200  | 144810   | 31.764 | ng    | 100      |
| 70) Pentachlorophenol         | 11.222 | 266  | 154863   | 42.272 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 963550   | 37.577 | ng    | 100      |
| 72) Anthracene                | 11.498 | 178  | 952503   | 37.982 | ng    | 100      |
| 73) Carbazole                 | 11.651 | 167  | 890833   | 38.042 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1024926  | 37.747 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1035519  | 37.836 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 194358   | 31.458 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 1041874  | 41.741 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 379143   | 43.906 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 766898   | 39.005 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 202124   | 36.778 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 692316   | 38.847 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 487722   | 42.603 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.662 | 149  | 640947   | 39.891 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 685085   | 45.085 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 613282   | 36.232 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 554023   | 39.299 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 517983   | 38.728 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 562456   | 45.092 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 568943   | 40.393 | ng    | 99       |

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

