

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102123\  
 Data File : BM042386.D  
 Acq On : 20 Oct 2023 20:14  
 Operator : MA/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

Quant Time: Oct 21 02:23:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 21 02:15:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 116520   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.822 | 136  | 491792   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.645 | 164  | 260560   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.398 | 188  | 514314   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.580 | 240  | 449817   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.044 | 264  | 471360   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 347207   | 42.114 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 461907   | 41.807 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.198  | 82   | 462063   | 41.546 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 94669    | 39.803 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.269 | 172  | 781298   | 40.379 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.009 | 244  | 1007570  | 39.725 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.393  | 88   | 81779    | 21.065 | ng    | 99       |
| 3) Pyridine                   | 3.810  | 79   | 238493   | 20.934 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.740  | 42   | 120899   | 21.023 | ng    | # 97     |
| 6) Aniline                    | 7.334  | 93   | 288112   | 20.481 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.551  | 128  | 168509   | 20.598 | ng    | 99       |
| 9) Benzaldehyde               | 7.157  | 77   | 147112   | 22.861 | ng    | 99       |
| 10) Phenol                    | 7.175  | 94   | 237902   | 20.839 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.434  | 93   | 194365   | 20.737 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.881  | 146  | 176246   | 20.829 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.034  | 146  | 176778   | 20.755 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.345  | 146  | 169834   | 20.765 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.257  | 79   | 167636   | 20.468 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.528  | 45   | 309527   | 20.871 | ng    | 99       |
| 17) 2-Methylphenol            | 8.434  | 107  | 156720   | 20.803 | ng    | 97       |
| 18) Hexachloroethane          | 9.063  | 117  | 67268    | 20.515 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.810  | 70   | 158203   | 21.126 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.769  | 107  | 208279   | 20.612 | ng    | 98       |
| 22) Acetophenone              | 8.845  | 105  | 277229   | 20.663 | ng    | 98       |
| 24) Nitrobenzene              | 9.239  | 77   | 230561   | 20.722 | ng    | 100      |
| 25) Isophorone                | 9.745  | 82   | 382215   | 20.223 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.939  | 139  | 77233    | 19.725 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.975  | 122  | 156960   | 20.474 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.233 | 93   | 246765   | 20.607 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 135884   | 20.382 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.669 | 180  | 144799   | 20.259 | ng    | 99       |
| 31) Naphthalene               | 10.875 | 128  | 519405   | 20.562 | ng    | 100      |
| 32) Benzoic acid              | 10.075 | 122  | 88854    | 19.412 | ng    | 95       |
| 33) 4-Chloroaniline           | 11.004 | 127  | 223620   | 20.390 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.098 | 225  | 76981    | 19.904 | ng    | 98       |
| 35) Caprolactam               | 11.822 | 113  | 44395    | 20.632 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.098 | 107  | 163089   | 20.271 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.475 | 142  | 347177   | 20.417 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.692 | 142  | 322871   | 20.268 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.822 | 216  | 149883   | 19.898 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.769 | 237  | 66300    | 19.880 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.074 | 196  | 96295    | 19.748 | ng    | 96       |

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| 44) 2,4,5-Trichlorophenol     | 13.145 | 196  | 115067   | 19.962 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.480 | 154  | 423752   | 20.500 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.527 | 162  | 311863   | 20.565 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.763 | 65   | 116957   | 19.772 | ng    | 99       |
| 49) Acenaphthylene            | 14.374 | 152  | 503297   | 20.557 | ng    | 99       |
| 50) Dimethylphthalate         | 14.104 | 163  | 388344   | 20.319 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.251 | 165  | 79147    | 20.125 | ng    | 99       |
| 52) Acenaphthene              | 14.710 | 154  | 300551   | 20.305 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.586 | 138  | 92744    | 20.157 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.786 | 184  | 36000    | 20.261 | ng    | 91       |
| 55) Dibenzofuran              | 15.045 | 168  | 474162   | 20.254 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.868 | 139  | 75572    | 19.415 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.027 | 165  | 99819    | 19.894 | ng    | 98       |
| 58) Fluorene                  | 15.692 | 166  | 373423   | 20.214 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.257 | 232  | 84532    | 19.521 | ng    | 98       |
| 60) Diethylphthalate          | 15.451 | 149  | 381943   | 20.251 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.680 | 204  | 170461   | 19.593 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.751 | 138  | 85383    | 19.813 | ng    | 97       |
| 63) Azobenzene                | 15.974 | 77   | 468947   | 20.724 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.780 | 198  | 53248    | 20.239 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.904 | 169  | 317293   | 20.482 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.580 | 248  | 92152    | 19.332 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.662 | 284  | 99499    | 19.528 | ng    | 99       |
| 69) Atrazine                  | 16.851 | 200  | 79680    | 20.283 | ng    | 97       |
| 70) Pentachlorophenol         | 17.021 | 266  | 66387    | 20.426 | ng    | 99       |
| 71) Phenanthrene              | 17.439 | 178  | 565645   | 20.217 | ng    | 99       |
| 72) Anthracene                | 17.527 | 178  | 551467   | 19.902 | ng    | 100      |
| 73) Carbazole                 | 17.815 | 167  | 528749   | 20.340 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.339 | 149  | 588855   | 19.656 | ng    | 99       |
| 75) Fluoranthene              | 19.451 | 202  | 604135   | 19.606 | ng    | 98       |
| 77) Benzidine                 | 19.656 | 184  | 129400   | 19.889 | ng    | 99       |
| 78) Pyrene                    | 19.815 | 202  | 628288   | 19.988 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.698 | 149  | 254494   | 19.907 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.562 | 228  | 601501   | 19.947 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.503 | 252  | 180329   | 20.033 | ng    | 100      |
| 83) Chrysene                  | 21.615 | 228  | 586479   | 20.250 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 355419   | 19.684 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.386 | 149  | 603325   | 19.981 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.632 | 276  | 693263   | 20.126 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.280 | 252  | 568204   | 20.027 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.333 | 252  | 585437   | 19.874 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.933 | 252  | 547228   | 20.039 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 26.650 | 278  | 572691   | 19.996 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.444 | 276  | 561626   | 20.192 | ng    | 100      |

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

