

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051123\  
 Data File : BM039908.D  
 Acq On : 11 May 2023 21:12  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Quant Time: May 12 02:33:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM051123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 12 02:21:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 520243   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.860 | 136  | 2017978  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.672 | 164  | 1032984  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.413 | 188  | 1725439  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.583 | 240  | 1430817  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.047 | 264  | 1288422  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.578  | 112  | 5174009  | 158.387 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.196  | 99   | 6791063  | 159.509 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.213  | 82   | 6178840  | 180.326 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.160 | 330  | 2855792  | 156.735 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.307 | 172  | 14103708 | 164.569 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.024 | 244  | 13187524 | 138.594 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.437  | 88   | 909253   | 71.516  | ng    | 98       |
| 3) Pyridine                   | 3.843  | 79   | 2737911m | 79.085  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.755  | 42   | 968439   | 71.799  | ng    | 91       |
| 6) Aniline                    | 7.366  | 93   | 4124446  | 77.094  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.601  | 128  | 2893112  | 80.730  | ng    | 97       |
| 10) Phenol                    | 7.219  | 94   | 3358625  | 77.898  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.460  | 93   | 2741736  | 75.426  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.931  | 146  | 2926045  | 77.894  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.078  | 146  | 3014149  | 78.492  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.395  | 146  | 2949307  | 77.037  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.284  | 79   | 2250610  | 80.399  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.578  | 45   | 2840231  | 68.413  | ng    | 98       |
| 17) 2-Methylphenol            | 8.478  | 107  | 2432629  | 74.964  | ng    | 98       |
| 18) Hexachloroethane          | 9.131  | 117  | 1063504  | 79.035  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.866  | 70   | 2097250  | 76.099  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.819  | 107  | 3255840  | 76.607  | ng    | 97       |
| 22) Acetophenone              | 8.872  | 105  | 4346742  | 80.736  | ng    | # 97     |
| 24) Nitrobenzene              | 9.254  | 77   | 2960207  | 86.035  | ng    | 96       |
| 25) Isophorone                | 9.784  | 82   | 5521681  | 76.224  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.025 | 122  | 2587813  | 86.562  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.266 | 93   | 3470938  | 81.445  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.501 | 162  | 2532542  | 89.859  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.719 | 180  | 2792961  | 88.428  | ng    | 99       |
| 31) Naphthalene               | 10.913 | 128  | 9042076  | 81.708  | ng    | 100      |
| 32) Benzoic acid              | 10.195 | 122  | 1235309  | 78.511  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.013 | 127  | 3809158  | 80.106  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.195 | 225  | 1630568  | 90.356  | ng    | 99       |
| 35) Caprolactam               | 11.813 | 113  | 611012   | 83.054  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.131 | 107  | 2373146  | 78.641  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.513 | 142  | 6476030  | 81.901  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.730 | 142  | 6044915  | 81.317  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.878 | 216  | 3139561  | 99.246  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.860 | 237  | 1495837  | 79.820  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.107 | 196  | 1808586  | 97.668  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 13.177 | 196  | 2071804  | 96.027  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.519 | 154  | 7747118  | 89.218  | ng    | 99       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 47) 2-Chloronaphthalene       | 13.560 | 162  | 5725818  | 88.960  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.754 | 65   | 1175754  | 78.869  | ng    | 97       |
| 49) Acenaphthylene            | 14.401 | 152  | 8915641  | 85.251  | ng    | 99       |
| 50) Dimethylphthalate         | 14.142 | 163  | 6453260  | 84.071  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.248 | 165  | 1248114  | 79.000  | ng    | 94       |
| 52) Acenaphthene              | 14.742 | 154  | 5776147  | 86.775  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.577 | 138  | 1403609  | 78.962  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.777 | 184  | 414477   | 78.942  | ng    | 94       |
| 55) Dibenzofuran              | 15.071 | 168  | 8249132  | 83.032  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.866 | 139  | 1073530  | 86.176  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.030 | 165  | 1554482  | 78.648  | ng    | 95       |
| 58) Fluorene                  | 15.719 | 166  | 7466944  | 83.728  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.289 | 232  | 1562055  | 90.479  | ng    | 95       |
| 60) Diethylphthalate          | 15.501 | 149  | 6353231  | 83.732  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.713 | 204  | 3833689  | 87.091  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.742 | 138  | 1440147  | 76.571  | ng    | 99       |
| 63) Azobenzene                | 16.007 | 77   | 5888702  | 73.126  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.789 | 198  | 591746   | 79.075  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.930 | 169  | 5596181  | 92.768  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.607 | 248  | 1970178  | 97.177  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.718 | 284  | 2224509  | 95.240  | ng    | 97       |
| 69) Atrazine                  | 16.877 | 200  | 1279564  | 79.207  | ng    | 99       |
| 70) Pentachlorophenol         | 17.060 | 266  | 1367115  | 80.431  | ng    | 100      |
| 71) Phenanthrene              | 17.460 | 178  | 9055413  | 87.274  | ng    | 99       |
| 72) Anthracene                | 17.548 | 178  | 9392993  | 88.486  | ng    | 99       |
| 73) Carbazole                 | 17.818 | 167  | 7954566  | 86.331  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.389 | 149  | 9549911  | 79.919  | ng    | 98       |
| 75) Fluoranthene              | 19.465 | 202  | 9259376  | 89.006  | ng    | 98       |
| 77) Benzidine                 | 19.648 | 184  | 1257627  | 78.871  | ng    | 99       |
| 78) Pyrene                    | 19.824 | 202  | 9561804  | 86.685  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.730 | 149  | 2431164  | 170.176 | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.571 | 228  | 8836290  | 87.127  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.500 | 252  | 2328796  | 79.389  | ng    | 99       |
| 83) Chrysene                  | 21.624 | 228  | 8316477  | 87.125  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.512 | 149  | 5017302  | 78.886  | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.465 | 149  | 7171292  | 79.287  | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.635 | 276  | 9691581  | 104.001 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.300 | 252  | 7707747  | 91.732  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.353 | 252  | 8236052  | 90.419  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.941 | 252  | 7369950  | 94.375  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.424 | 276  | 7200195  | 102.754 | ng    | 97       |

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

