

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041723\  
 Data File : BM039448.D  
 Acq On : 17 Apr 2023 19:40  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM041723

Quant Time: Apr 18 03:06:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM041723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 03:04:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 184504   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.651 | 136  | 854437   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.498 | 164  | 549372   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 1185179  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.445 | 240  | 1113755  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.815 | 264  | 1253622  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 953674   | 84.450 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.034  | 99   | 1415466  | 85.289 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.016  | 82   | 1461688  | 83.774 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.998 | 330  | 606420   | 85.065 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.122 | 172  | 3289737  | 82.854 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.880 | 244  | 5166470  | 83.685 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.258  | 88   | 184526   | 39.553 | ng    | 100      |
| 3) Pyridine                   | 3.669  | 79   | 589794   | 42.941 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 236830   | 42.295 | ng    | 99       |
| 6) Aniline                    | 7.169  | 93   | 905289   | 43.236 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.410  | 128  | 545805   | 42.618 | ng    | 99       |
| 9) Benzaldehyde               | 6.981  | 77   | 336225   | 39.290 | ng    | 98       |
| 10) Phenol                    | 7.057  | 94   | 702347   | 43.141 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.269  | 93   | 598787   | 42.885 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.728  | 146  | 548699   | 41.118 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.875  | 146  | 555381   | 41.513 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 552411   | 41.577 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.099  | 79   | 519912   | 42.979 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.375  | 45   | 820670   | 41.665 | ng    | 100      |
| 17) 2-Methylphenol            | 8.310  | 107  | 524235   | 43.610 | ng    | 98       |
| 18) Hexachloroethane          | 8.916  | 117  | 220019   | 41.363 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.657  | 70   | 530688   | 42.260 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.640  | 107  | 726559   | 43.971 | ng    | 96       |
| 22) Acetophenone              | 8.675  | 105  | 953655   | 42.119 | ng    | # 99     |
| 24) Nitrobenzene              | 9.057  | 77   | 730138   | 42.488 | ng    | 100      |
| 25) Isophorone                | 9.587  | 82   | 1508829  | 41.754 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.769  | 139  | 338697   | 43.676 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.840  | 122  | 567179   | 42.322 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93   | 861421   | 41.936 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.310 | 162  | 564394   | 43.494 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.510 | 180  | 572223   | 41.663 | ng    | 99       |
| 31) Naphthalene               | 10.698 | 128  | 1922507  | 41.641 | ng    | 100      |
| 32) Benzoic acid              | 10.028 | 122  | 422466   | 40.164 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.822 | 127  | 859043   | 44.045 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.975 | 225  | 338417   | 41.491 | ng    | 100      |
| 35) Caprolactam               | 11.634 | 113  | 222791   | 43.050 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.969 | 107  | 663258   | 41.993 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.316 | 142  | 1416433  | 41.747 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.534 | 142  | 1326675  | 41.495 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.686 | 216  | 667028   | 41.627 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.657 | 237  | 336245   | 40.343 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.939 | 196  | 473280   | 42.873 | ng    | 99       |

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|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.016 | 196  | 553835   | 42.452 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.334 | 154  | 1770232  | 41.826 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.375 | 162  | 1317779  | 41.883 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.592 | 65   | 471527   | 43.828 | ng    | 98       |
| 49) Acenaphthylene             | 14.222 | 152  | 2260829  | 42.009 | ng    | 99       |
| 50) Dimethylphthalate          | 13.963 | 163  | 1842819  | 41.439 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.086 | 165  | 399893   | 42.297 | ng    | 96       |
| 52) Acenaphthene               | 14.563 | 154  | 1331492  | 41.785 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.422 | 138  | 427649   | 44.327 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.633 | 184  | 226303   | 41.171 | ng    | 99       |
| 55) Dibenzofuran               | 14.898 | 168  | 2138282  | 41.760 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.757 | 139  | 305135   | 41.658 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.880 | 165  | 559626   | 43.305 | ng    | 99       |
| 58) Fluorene                   | 15.551 | 166  | 1729085  | 41.635 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.133 | 232  | 457069   | 42.537 | ng    | 99       |
| 60) Diethylphthalate           | 15.327 | 149  | 1924234  | 41.736 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.539 | 204  | 861395   | 41.847 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.592 | 138  | 388177   | 41.627 | ng    | 99       |
| 63) Azobenzene                 | 15.833 | 77   | 1907653  | 42.461 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 15.645 | 198  | 336435   | 45.334 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.763 | 169  | 1509276  | 42.003 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.439 | 248  | 527985   | 42.320 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.551 | 284  | 565703   | 41.758 | ng    | 98       |
| 69) Atrazine                   | 16.722 | 200  | 512091   | 42.481 | ng    | 99       |
| 70) Pentachlorophenol          | 16.904 | 266  | 415477   | 43.918 | ng    | 100      |
| 71) Phenanthrene               | 17.292 | 178  | 2685563  | 41.787 | ng    | 100      |
| 72) Anthracene                 | 17.386 | 178  | 2743631  | 41.618 | ng    | 100      |
| 73) Carbazole                  | 17.663 | 167  | 2573246  | 42.916 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.221 | 149  | 3549274  | 42.584 | ng    | 99       |
| 75) Fluoranthene               | 19.315 | 202  | 3234589  | 41.484 | ng    | 100      |
| 77) Benzidine                  | 19.504 | 184  | 1050254  | 41.615 | ng    | 100      |
| 78) Pyrene                     | 19.674 | 202  | 3378540  | 41.249 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.574 | 149  | 1698181  | 41.811 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.427 | 228  | 3320765  | 41.985 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.362 | 252  | 1100435  | 42.149 | ng    | 99       |
| 83) Chrysene                   | 21.480 | 228  | 3174903  | 41.414 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.351 | 149  | 2594540  | 41.906 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.268 | 149  | 4474112  | 42.024 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 26.291 | 276  | 3922676  | 42.583 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.098 | 252  | 3231380  | 42.276 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.145 | 252  | 3307793  | 41.394 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.715 | 252  | 3183938  | 41.913 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.303 | 278  | 3280868  | 42.849 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 27.050 | 276  | 3234419  | 42.618 | ng    | 100      |

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

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