

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040122\  
 Data File : BP009662.D  
 Acq On : 01 Apr 2022 17:30  
 Operator : CG/JU  
 Sample : N2220-11MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A04100MS

Quant Time: Apr 01 22:44:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 04:36:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 250816   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.522 | 136  | 968999   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.381 | 164  | 572605   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.145 | 188  | 1125605  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.263 | 240  | 1086742  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.639 | 264  | 1234605  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 1725392  | 120.105 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.922  | 99   | 2177842  | 112.100 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.887  | 82   | 1356730  | 74.404  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.886 | 330  | 845754   | 89.508  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.998 | 172  | 2974726  | 72.019  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.727 | 244  | 4097937  | 67.683  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.258  | 88   | 261847   | 46.018  | ng    | 98       |
| 3) Pyridine                   | 3.652  | 79   | 720614   | 47.022  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.564  | 42   | 311790   | 55.243  | ng    | 97       |
| 6) Aniline                    | 7.063  | 93   | 833394   | 37.639  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.305  | 128  | 821221   | 50.132  | ng    | 98       |
| 9) Benzaldehyde               | 6.875  | 77   | 379684   | 41.026  | ng    | 98       |
| 10) Phenol                    | 6.952  | 94   | 1005026  | 51.565  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.158  | 93   | 762667   | 49.443  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.616  | 146  | 892415   | 48.268  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.763  | 146  | 904046   | 47.824  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 865642   | 47.378  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.981  | 79   | 693384   | 44.765  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.263  | 45   | 875158   | 52.340  | ng    | 97       |
| 17) 2-Methylphenol            | 8.193  | 107  | 652966   | 48.616  | ng    | 99       |
| 18) Hexachloroethane          | 8.799  | 117  | 323402   | 48.816  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.540  | 70   | 573418   | 46.665  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.522  | 107  | 872451   | 47.241  | ng    | 99       |
| 22) Acetophenone              | 8.557  | 105  | 1136839  | 47.401  | ng    | # 98     |
| 24) Nitrobenzene              | 8.928  | 77   | 864789   | 50.204  | ng    | 99       |
| 25) Isophorone                | 9.457  | 82   | 1581437  | 50.844  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.640  | 139  | 429888   | 47.879  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 725365   | 57.253  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.940  | 93   | 960524   | 47.429  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.193 | 162  | 732544   | 47.401  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.387 | 180  | 813251   | 45.421  | ng    | 99       |
| 31) Naphthalene               | 10.569 | 128  | 2358380  | 47.250  | ng    | 99       |
| 32) Benzoic acid              | 9.916  | 122  | 460626   | 46.502  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.698 | 127  | 359084   | 17.630  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.857 | 225  | 519997   | 42.862  | ng    | 100      |
| 35) Caprolactam               | 11.493 | 113  | 220585   | 42.293  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.845 | 107  | 732242   | 44.094  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.193 | 142  | 1603339  | 45.782  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.410 | 142  | 1529585  | 44.834  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 891809   | 46.941  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.545 | 237  | 536706   | 66.274  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.816 | 196  | 584183   | 46.391  | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.904 | 196  | 624569   | 45.674 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 2056492  | 48.143 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 1601150  | 47.609 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.463 | 65   | 449090   | 49.029 | ng    | 99       |
| 49) Acenaphthylene            | 14.098 | 152  | 2613625  | 50.342 | ng    | 100      |
| 50) Dimethylphthalate         | 13.845 | 163  | 1927418  | 44.423 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.963 | 165  | 427943   | 47.075 | ng    | 97       |
| 52) Acenaphthene              | 14.445 | 154  | 1458923  | 47.042 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.298 | 138  | 282572   | 29.429 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.522 | 184  | 427729   | 75.962 | ng    | 97       |
| 55) Dibenzofuran              | 14.781 | 168  | 2345827  | 45.024 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.645 | 139  | 642337   | 89.745 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.769 | 165  | 575980   | 46.079 | ng    | # 93     |
| 58) Fluorene                  | 15.439 | 166  | 1859442  | 45.378 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 518606   | 41.833 | ng    | 95       |
| 60) Diethylphthalate          | 15.216 | 149  | 1908371  | 43.947 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.434 | 204  | 969862   | 42.967 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 433913   | 43.030 | ng    | 97       |
| 63) Azobenzene                | 15.728 | 77   | 1812599  | 47.984 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 296095   | 40.909 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.651 | 169  | 1624185  | 48.760 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.334 | 248  | 617049   | 44.799 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.451 | 284  | 695270   | 43.860 | ng    | 100      |
| 69) Atrazine                  | 16.616 | 200  | 592421   | 50.585 | ng    | 98       |
| 70) Pentachlorophenol         | 16.810 | 266  | 752961   | 88.857 | ng    | 98       |
| 71) Phenanthrene              | 17.186 | 178  | 2864974  | 47.548 | ng    | 100      |
| 72) Anthracene                | 17.281 | 178  | 2929448  | 49.243 | ng    | 99       |
| 73) Carbazole                 | 17.557 | 167  | 2647238  | 45.501 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.116 | 149  | 3250380  | 47.675 | ng    | 100      |
| 75) Fluoranthene              | 19.175 | 202  | 3308052  | 45.349 | ng    | 99       |
| 77) Benzidine                 | 19.357 | 184  | 1806678  | 67.825 | ng    | 100      |
| 78) Pyrene                    | 19.527 | 202  | 3409182  | 47.607 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.410 | 149  | 1410701  | 46.347 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.251 | 228  | 3384781  | 47.407 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.186 | 252  | 1156821  | 41.941 | ng    | 97       |
| 83) Chrysene                  | 21.298 | 228  | 3127563  | 46.260 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.180 | 149  | 2037264  | 48.019 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.092 | 149  | 3528275  | 48.248 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.127 | 276  | 4491952  | 47.957 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.916 | 252  | 3554057  | 48.222 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.963 | 252  | 3607213  | 49.988 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.539 | 252  | 3616693  | 57.355 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.133 | 278  | 3931457  | 50.362 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.874 | 276  | 3916825  | 51.003 | ng    | 96       |

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

