

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021623\  
 Data File : BP013829.D  
 Acq On : 16 Feb 2023 15:45  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Feb 17 01:06:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 00:45:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.110  | 152  | 166526   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.940 | 136  | 576738   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.745 | 164  | 348043   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 757891   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.580 | 240  | 805800   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.133 | 264  | 932597   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.646  | 112  | 1550063  | 153.410 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.269  | 99   | 2002131  | 154.718 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.293  | 82   | 1833858  | 171.704 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.239 | 330  | 863760   | 170.489 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.375 | 172  | 4111850  | 155.176 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.033 | 244  | 6507361  | 155.375 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.499  | 88   | 340864   | 77.615  | ng    | 99       |
| 3) Pyridine                   | 3.911  | 79   | 963882m  | 81.355  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.822  | 42   | 362695   | 81.747  | ng    | 99       |
| 6) Aniline                    | 7.434  | 93   | 1241251  | 73.822  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.675  | 128  | 795633   | 74.653  | ng    | 99       |
| 9) Benzaldehyde               | 7.246  | 77   | 427379   | 69.418  | ng    | 98       |
| 10) Phenol                    | 7.293  | 94   | 1003569  | 74.507  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.528  | 93   | 767522   | 71.201  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.999  | 146  | 898796   | 75.000  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.152  | 146  | 898847   | 74.253  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.469  | 146  | 827139   | 73.198  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.357  | 79   | 741970   | 81.723  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.646  | 45   | 815306m  | 70.779  | ng    |          |
| 17) 2-Methylphenol            | 8.557  | 107  | 675399   | 73.685  | ng    | 99       |
| 18) Hexachloroethane          | 9.205  | 117  | 319128   | 75.261  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.934  | 70   | 584978   | 77.237  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.887  | 107  | 930592   | 75.432  | ng    | 99       |
| 22) Acetophenone              | 8.946  | 105  | 1168041  | 80.295  | ng    | # 99     |
| 24) Nitrobenzene              | 9.334  | 77   | 940930   | 84.422  | ng    | 99       |
| 25) Isophorone                | 9.863  | 82   | 1740413  | 84.561  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.046 | 139  | 433727   | 80.588  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.099 | 122  | 708975   | 82.367  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.340 | 93   | 1016708  | 77.383  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.581 | 162  | 791971   | 85.758  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.799 | 180  | 873801   | 80.633  | ng    | 98       |
| 31) Naphthalene               | 10.993 | 128  | 2501280  | 79.103  | ng    | 99       |
| 32) Benzoic acid              | 10.263 | 122  | 575516   | 80.905  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.099 | 127  | 1093577  | 82.362  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.269 | 225  | 583198   | 80.983  | ng    | 99       |
| 35) Caprolactam               | 11.910 | 113  | 249040   | 84.465  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.210 | 107  | 856440   | 83.227  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.587 | 142  | 1793049  | 78.336  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.804 | 142  | 1675743  | 78.225  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.951 | 216  | 1022438  | 81.457  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.928 | 237  | 620653   | 93.090  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.187 | 196  | 677071   | 86.229  | ng    | 98       |

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|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.257 | 196  | 794498   | 85.134 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.587 | 154  | 2224590  | 79.080 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.628 | 162  | 1714356  | 79.992 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.834 | 65   | 502667   | 80.252 | ng    | 97       |
| 49) Acenaphthylene             | 14.475 | 152  | 2771852  | 82.048 | ng    | 99       |
| 50) Dimethylphthalate          | 14.204 | 163  | 2283538  | 80.630 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.322 | 165  | 502878   | 79.842 | ng    | 96       |
| 52) Acenaphthene               | 14.816 | 154  | 1612532  | 78.439 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.651 | 138  | 516217   | 78.775 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.851 | 184  | 328711   | 80.697 | ng    | 99       |
| 55) Dibenzofuran               | 15.145 | 168  | 2646542  | 77.371 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.951 | 139  | 431640   | 85.263 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.104 | 165  | 667029   | 78.528 | ng    | 95       |
| 58) Fluorene                   | 15.798 | 166  | 2088798  | 77.880 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.369 | 232  | 664188   | 82.672 | ng    | 100      |
| 60) Diethylphthalate           | 15.557 | 149  | 2225737  | 80.594 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.787 | 204  | 1141771  | 78.569 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.822 | 138  | 538187   | 79.434 | ng    | 96       |
| 63) Azobenzene                 | 16.081 | 77   | 1977971  | 79.163 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph...  | 15.869 | 198  | 451379   | 80.937 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.998 | 169  | 1879151  | 81.858 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.681 | 248  | 744368   | 83.211 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.804 | 284  | 809880   | 82.938 | ng    | 97       |
| 69) Atrazine                   | 16.951 | 200  | 670878   | 85.715 | ng    | 99       |
| 70) Pentachlorophenol          | 17.145 | 266  | 636852   | 88.460 | ng    | 99       |
| 71) Phenanthrene               | 17.545 | 178  | 3343382  | 78.745 | ng    | 100      |
| 72) Anthracene                 | 17.633 | 178  | 3417343  | 80.495 | ng    | 100      |
| 73) Carbazole                  | 17.898 | 167  | 3070428  | 80.335 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.428 | 149  | 3665610  | 81.858 | ng    | 100      |
| 75) Fluoranthene               | 19.492 | 202  | 4302336  | 81.285 | ng    | 99       |
| 77) Benzidine                  | 19.669 | 184  | 1290402  | 76.917 | ng    | 99       |
| 78) Pyrene                     | 19.845 | 202  | 4382817  | 79.592 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.698 | 149  | 1718592  | 87.811 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.563 | 228  | 4643079  | 80.466 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.486 | 252  | 1546473  | 85.187 | ng    | 99       |
| 83) Chrysene                   | 21.622 | 228  | 4371995  | 78.212 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.457 | 149  | 2648607  | 86.801 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.433 | 149  | 4618030  | 84.934 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 26.845 | 276  | 5928576  | 81.720 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.351 | 252  | 4810329  | 81.556 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.404 | 252  | 4801931  | 80.204 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.027 | 252  | 4717693  | 82.734 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.862 | 278  | 4902544  | 80.656 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 27.674 | 276  | 4935579  | 82.117 | ng    | 99       |

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

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