

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
 Data File : BP016423.D  
 Acq On : 28 Jul 2023 15:05  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 29 00:45:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 405016   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.922 | 136  | 1675145  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.734 | 164  | 1017423  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 2249000  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.586 | 240  | 2099534  | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.186 | 264  | 2306969  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.599  | 112  | 2071515  | 83.441 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.228  | 99   | 2908251  | 85.465 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.287  | 82   | 2554889  | 85.377 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.228 | 330  | 1079293  | 72.108 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.363 | 172  | 5688144  | 80.153 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.039 | 244  | 8248554  | 82.992 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.458  | 88   | 396062   | 40.905 | ng    | 98       |
| 3) Pyridine                   | 3.875  | 79   | 1226212  | 42.367 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.799  | 42   | 468303   | 42.914 | ng    | 94       |
| 6) Aniline                    | 7.422  | 93   | 1790077  | 42.589 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.640  | 128  | 1086605  | 41.744 | ng    | 96       |
| 9) Benzaldehyde               | 7.240  | 77   | 723361   | 48.473 | ng    | 97       |
| 10) Phenol                    | 7.252  | 94   | 1415926  | 42.848 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.522  | 93   | 1121699  | 41.757 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.969  | 146  | 1127835  | 40.361 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.128  | 146  | 1136852  | 40.106 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.440  | 146  | 1103803  | 40.444 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.340  | 79   | 1010511  | 43.467 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.622  | 45   | 1308685  | 42.958 | ng    | 99       |
| 17) 2-Methylphenol            | 8.522  | 107  | 1011512  | 42.472 | ng    | 98       |
| 18) Hexachloroethane          | 9.169  | 117  | 412635   | 40.811 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.910  | 70   | 906870   | 42.540 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.857  | 107  | 1386216  | 42.857 | ng    | 99       |
| 22) Acetophenone              | 8.940  | 105  | 1740245  | 41.146 | ng    | # 99     |
| 24) Nitrobenzene              | 9.328  | 77   | 1303616  | 42.414 | ng    | 97       |
| 25) Isophorone                | 9.846  | 82   | 2538919  | 42.024 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.034 | 139  | 525476   | 40.209 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.069 | 122  | 1108598  | 41.015 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.334 | 93   | 1524493  | 41.195 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.557 | 162  | 1030227  | 40.728 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.775 | 180  | 1059254  | 38.662 | ng    | 99       |
| 31) Naphthalene               | 10.975 | 128  | 3541602  | 40.419 | ng    | 99       |
| 32) Benzoic acid              | 10.193 | 122  | 700750   | 40.627 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.098 | 127  | 1632849  | 41.312 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.210 | 225  | 599212   | 36.941 | ng    | 100      |
| 35) Caprolactam               | 11.916 | 113  | 390023   | 42.196 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.187 | 107  | 1197489  | 42.589 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.575 | 142  | 2556657  | 40.164 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.793 | 142  | 2404627  | 40.294 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.916 | 216  | 1201618  | 38.864 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.875 | 237  | 576045   | 37.096 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.163 | 196  | 823620   | 41.516 | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.228 | 196  | 985927   | 40.963 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.575 | 154  | 3157853  | 40.717 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.622 | 162  | 2387673  | 40.807 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.840 | 65   | 771389   | 46.770 | ng    | 97       |
| 49) Acenaphthylene            | 14.463 | 152  | 4035906  | 41.572 | ng    | 100      |
| 50) Dimethylphthalate         | 14.198 | 163  | 3236009  | 40.815 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.328 | 165  | 689765   | 42.467 | ng    | 89       |
| 52) Acenaphthene              | 14.798 | 154  | 2368094  | 41.020 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.669 | 138  | 799311   | 43.528 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.863 | 184  | 258916   | 38.668 | ng    | 97       |
| 55) Dibenzofuran              | 15.134 | 168  | 3827561  | 40.426 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.939 | 139  | 649530   | 45.187 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 927355   | 43.809 | ng    | 95       |
| 58) Fluorene                  | 15.786 | 166  | 3040219  | 40.872 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.345 | 232  | 788291   | 39.814 | ng    | 93       |
| 60) Diethylphthalate          | 15.551 | 149  | 3232039  | 41.020 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.775 | 204  | 1479162  | 39.406 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.834 | 138  | 809381   | 44.414 | ng    | 99       |
| 63) Azobenzene                | 16.075 | 77   | 3192877  | 42.917 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 198  | 409657   | 40.096 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.998 | 169  | 2737814  | 41.307 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.675 | 248  | 920230   | 38.642 | ng    | # 92     |
| 68) Hexachlorobenzene         | 16.757 | 284  | 992532   | 37.374 | ng    | 93       |
| 69) Atrazine                  | 16.951 | 200  | 790289   | 40.093 | ng    | 99       |
| 70) Pentachlorophenol         | 17.116 | 266  | 720953   | 39.229 | ng    | 92       |
| 71) Phenanthrene              | 17.539 | 178  | 4868036  | 40.764 | ng    | 100      |
| 72) Anthracene                | 17.633 | 178  | 4958960  | 41.296 | ng    | 100      |
| 73) Carbazole                 | 17.910 | 167  | 4670425  | 41.484 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.428 | 149  | 5540064  | 42.534 | ng    | 99       |
| 75) Fluoranthene              | 19.498 | 202  | 5708355  | 40.782 | ng    | 99       |
| 77) Benzidine                 | 19.692 | 184  | 1376142  | 37.805 | ng    | 99       |
| 78) Pyrene                    | 19.851 | 202  | 5911035  | 41.999 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.716 | 149  | 2525490  | 45.676 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.569 | 228  | 5727025  | 40.655 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.504 | 252  | 1890322  | 40.878 | ng    | # 99     |
| 83) Chrysene                  | 21.627 | 228  | 5515707  | 41.003 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 3691897  | 44.474 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.457 | 149  | 6291717  | 45.065 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.962 | 276  | 6245246  | 40.154 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.374 | 252  | 5590282  | 41.804 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.433 | 252  | 5763755  | 42.380 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.068 | 252  | 5438267  | 41.985 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.998 | 278  | 5246644  | 40.450 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.827 | 276  | 4961821  | 39.697 | ng    | 97       |

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

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