

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081422\  
 Data File : BF129763.D  
 Acq On : 14 Aug 2022 15:08  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Aug 15 01:32:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 15 01:28:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 142580   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 554066   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 295896   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 522316   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 375311   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 260992   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 368307   | 42.080 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 458764   | 41.700 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 432398   | 42.601 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 125070   | 43.964 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 842732   | 44.058 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 914092   | 45.949 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 74683    | 18.912 | ng    | 99       |
| 3) Pyridine                   | 3.351  | 79   | 199949   | 18.232 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 86523    | 17.967 | ng    | 97       |
| 6) Aniline                    | 6.492  | 93   | 262756   | 19.212 | ng    | 88       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 203768   | 21.309 | ng    | 97       |
| 9) Benzaldehyde               | 6.381  | 77   | 142494   | 19.073 | ng    | 97       |
| 10) Phenol                    | 6.492  | 94   | 254110   | 21.690 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 188671   | 20.306 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 218054   | 21.262 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 224067   | 21.483 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 208141   | 21.711 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 175470   | 21.992 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 257684   | 18.451 | ng    | 91       |
| 17) 2-Methylphenol            | 7.092  | 107  | 162479   | 20.482 | ng    | 97       |
| 18) Hexachloroethane          | 7.328  | 117  | 83167    | 21.176 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 145323   | 21.820 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 223169   | 22.126 | ng    | 93       |
| 22) Acetophenone              | 7.234  | 105  | 283389   | 21.969 | ng    | 98       |
| 24) Nitrobenzene              | 7.410  | 77   | 215306   | 20.600 | ng    | 98       |
| 25) Isophorone                | 7.645  | 82   | 367708   | 20.211 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 106837   | 20.720 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 152226   | 19.682 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 216509   | 20.514 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 169416   | 21.222 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 177760   | 21.513 | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 619130   | 21.994 | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 51489    | 9.209  | ng    | 91       |
| 33) 4-Chloroaniline           | 8.181  | 127  | 240771   | 20.833 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 108057   | 23.006 | ng    | 98       |
| 35) Caprolactam               | 8.551  | 113  | 52497    | 20.227 | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 181111   | 21.390 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 399796   | 21.855 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 390028   | 22.086 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 173001   | 22.266 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 23387    | 6.760  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 111614   | 19.779 | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 120735   | 19.674 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 479817   | 22.219 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 378618   | 21.689 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.416  | 65   | 119209   | 20.536 | ng    | 88       |
| 49) Acenaphthylene            | 9.722  | 152  | 584744   | 22.044 | ng    | 100      |
| 50) Dimethylphthalate         | 9.580  | 163  | 446160   | 21.842 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 98641    | 21.576 | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 347163   | 20.038 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.828  | 138  | 107754   | 19.959 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.945  | 184  | 32753    | 14.033 | ng    | 92       |
| 55) Dibenzofuran              | 10.069 | 168  | 532726   | 22.306 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 47415    | 11.905 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.063 | 165  | 130781   | 21.897 | ng    | 95       |
| 58) Fluorene                  | 10.410 | 166  | 441335   | 23.095 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232  | 87979    | 18.551 | ng    | # 79     |
| 60) Diethylphthalate          | 10.280 | 149  | 457406   | 23.164 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 195483   | 23.204 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 110575   | 20.647 | ng    | 96       |
| 63) Azobenzene                | 10.563 | 77   | 432191   | 21.459 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.475 | 198  | 63825    | 19.360 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 372084   | 21.391 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 126788   | 22.168 | ng    | 91       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 140540   | 22.678 | ng    | 94       |
| 69) Atrazine                  | 11.051 | 200  | 115489   | 21.859 | ng    | 99       |
| 70) Pentachlorophenol         | 11.169 | 266  | 31516    | 9.355  | ng    | 99       |
| 71) Phenanthrene              | 11.374 | 178  | 617545   | 21.659 | ng    | 100      |
| 72) Anthracene                | 11.427 | 178  | 618771   | 22.084 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 567169   | 21.504 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 732712   | 23.327 | ng    | 99       |
| 75) Fluoranthene              | 12.569 | 202  | 650906   | 22.531 | ng    | 99       |
| 77) Benzidine                 | 12.692 | 184  | 212947   | 16.061 | ng    | 100      |
| 78) Pyrene                    | 12.798 | 202  | 655763   | 20.894 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 284164   | 20.874 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 536309   | 20.919 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.951 | 252  | 174579   | 20.624 | ng    | # 99     |
| 83) Chrysene                  | 14.027 | 228  | 499002   | 20.652 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 336537   | 18.778 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 14.568 | 149  | 439226   | 17.031 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.945 | 276  | 350269   | 19.929 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 378775   | 21.879 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.068 | 252  | 375711   | 22.145 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 292771   | 20.832 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.951 | 278  | 293446   | 20.514 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.392 | 276  | 288441   | 19.733 | ng    | 98       |

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

