

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120523\  
 Data File : BF136404.D  
 Acq On : 05 Dec 2023 13:58  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023  
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:33:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:31:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.799  | 152  | 114482   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 478863   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.834  | 164  | 255047   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 487478   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.975 | 240  | 329982   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 252462   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 156850   | 20.234 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 196829   | 20.351 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 172674   | 19.494 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 62449    | 19.858 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 390084   | 20.869 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.916 | 244  | 477492   | 19.072 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.575  | 88   | 30030    | 9.794  | ng    | 100      |
| 3) Pyridine                   | 3.340  | 79   | 70602    | 9.508  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 30874    | 9.571  | ng    | 95       |
| 6) Aniline                    | 6.463  | 93   | 98093    | 10.036 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.581  | 128  | 85452    | 10.097 | ng    | 96       |
| 9) Benzaldehyde               | 6.352  | 77   | 58928    | 9.477  | ng    | 97       |
| 10) Phenol                    | 6.440  | 94   | 103323   | 10.040 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 78649    | 10.253 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.740  | 146  | 95565    | 10.041 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.816  | 146  | 98169    | 10.168 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.969  | 146  | 91912    | 10.124 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.940  | 79   | 64696    | 9.989  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075  | 45   | 100358   | 10.172 | ng    | 100      |
| 17) 2-Methylphenol            | 7.052  | 107  | 70010    | 10.240 | ng    | 97       |
| 18) Hexachloroethane          | 7.310  | 117  | 33032    | 9.800  | ng    | 88       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 56851    | 10.190 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 87277    | 10.284 | ng    | # 80     |
| 22) Acetophenone              | 7.204  | 105  | 119957   | 10.144 | ng    | 98       |
| 24) Nitrobenzene              | 7.375  | 77   | 86831    | 9.744  | ng    | 100      |
| 25) Isophorone                | 7.616  | 82   | 158858   | 9.982  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.693  | 139  | 42531    | 9.709  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 53314    | 9.870  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 98060    | 10.028 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 68737    | 9.641  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 82021    | 9.865  | ng    | 98       |
| 31) Naphthalene               | 8.098  | 128  | 264759   | 10.026 | ng    | 99       |
| 32) Benzoic acid              | 7.810  | 122  | 46630    | 8.681  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.146  | 127  | 95142    | 10.106 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.216  | 225  | 49952    | 10.138 | ng    | 96       |
| 35) Caprolactam               | 8.487  | 113  | 21817    | 9.936  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 74940    | 9.899  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.793  | 142  | 167435   | 9.966  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 8.887  | 142  | 167982   | 10.190 | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 76275    | 9.613  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.940  | 237  | 23446    | 7.976  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 50339    | 9.743  | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 56372    | 9.776  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 218793   | 10.082 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 169473   | 10.033 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 43160    | 9.527  | ng    | 91       |
| 49) Acenaphthylene            | 9.693  | 152  | 241139   | 10.022 | ng    | 98       |
| 50) Dimethylphthalate         | 9.551  | 163  | 184619   | 9.832  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 40985    | 9.702  | ng    | 94       |
| 52) Acenaphthene              | 9.863  | 154  | 155374m  | 10.079 | ng    |          |
| 53) 3-Nitroaniline            | 9.787  | 138  | 42372    | 9.822  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.893  | 184  | 15850    | 7.421  | ng    | # 85     |
| 55) Dibenzofuran              | 10.040 | 168  | 229887   | 10.206 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.945  | 139  | 29848    | 9.230  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 54833    | 9.812  | ng    | 94       |
| 58) Fluorene                  | 10.381 | 166  | 184856   | 10.223 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 45251    | 9.797  | ng    | 98       |
| 60) Diethylphthalate          | 10.257 | 149  | 184636   | 10.000 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.375 | 204  | 90646    | 10.284 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 42562    | 9.936  | ng    | 98       |
| 63) Azobenzene                | 10.534 | 77   | 167535   | 9.968  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198  | 26706    | 8.846  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.492 | 169  | 156478   | 10.004 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.869 | 248  | 55581    | 9.807  | ng    | 96       |
| 68) Hexachlorobenzene         | 10.928 | 284  | 64748    | 9.884  | ng    | 98       |
| 69) Atrazine                  | 11.022 | 200  | 48191    | 10.794 | ng    | 99       |
| 70) Pentachlorophenol         | 11.128 | 266  | 34639    | 9.369  | ng    | 97       |
| 71) Phenanthrene              | 11.345 | 178  | 270161   | 10.083 | ng    | 98       |
| 72) Anthracene                | 11.398 | 178  | 271768   | 10.070 | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 244464   | 10.235 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 294330   | 10.052 | ng    | 100      |
| 75) Fluoranthene              | 12.539 | 202  | 290828   | 10.358 | ng    | 99       |
| 77) Benzidine                 | 12.669 | 184  | 32625    | 6.781  | ng    | 98       |
| 78) Pyrene                    | 12.769 | 202  | 297534   | 9.207  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 105056   | 9.132  | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 230805   | 10.041 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.928 | 252  | 67661    | 10.499 | ng    | 96       |
| 83) Chrysene                  | 13.998 | 228  | 223931   | 9.902  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 130560   | 9.257  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.575 | 149  | 188047   | 9.027  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.945 | 276  | 148440   | 8.463  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.016 | 252  | 172569   | 9.997  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 167425   | 10.292 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 140029   | 9.823  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.969 | 278  | 124199   | 8.644  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.398 | 276  | 122956   | 8.337  | ng    | 98       |

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

