

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041123\  
 Data File : BF132847.D  
 Acq On : 11 Apr 2023 12:54  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023  
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 03:00:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 12 02:57:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.769  | 152  | 194517   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.052  | 136  | 783405   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 394160   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.287 | 188  | 689105   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.916 | 240  | 479943   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.345 | 264  | 408078   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 266861   | 21.313 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.387  | 99   | 345180   | 21.375 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 312004   | 20.609 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.587 | 330  | 63643    | 18.168 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.128  | 172  | 587650   | 23.585 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.869 | 244  | 558320   | 20.156 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.722  | 88   | 186      | 22.062 | ng    | # 100    |
| 3) Pyridine                   | 3.199  | 79   | 175610   | 10.214 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.117  | 42   | 84847    | 10.220 | ng    | # 93     |
| 6) Aniline                    | 6.428  | 93   | 210746   | 10.096 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.546  | 128  | 135256   | 10.740 | ng    | 96       |
| 9) Benzaldehyde               | 6.310  | 77   | 119353   | 7.807  | ng    | 100      |
| 10) Phenol                    | 6.399  | 94   | 191843m  | 10.552 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.499  | 93   | 145985   | 10.830 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.710  | 146  | 150811   | 10.853 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.787  | 146  | 152181   | 10.865 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.940  | 146  | 146730   | 11.155 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.905  | 79   | 105898   | 10.086 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.046  | 45   | 239806   | 10.655 | ng    | 99       |
| 17) 2-Methylphenol            | 7.016  | 107  | 119311   | 10.390 | ng    | 97       |
| 18) Hexachloroethane          | 7.281  | 117  | 51739    | 10.730 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.175  | 70   | 95255    | 10.361 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.169  | 107  | 152786   | 11.133 | ng    | 98       |
| 22) Acetophenone              | 7.175  | 105  | 204667   | 11.024 | ng    | 99       |
| 24) Nitrobenzene              | 7.346  | 77   | 157187   | 10.247 | ng    | 99       |
| 25) Isophorone                | 7.587  | 82   | 268946   | 9.963  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 47527    | 8.685  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 112554   | 10.181 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.804  | 93   | 163264   | 10.193 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 104649   | 9.972  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 7.993  | 180  | 119309   | 10.297 | ng    | 96       |
| 31) Naphthalene               | 8.075  | 128  | 434825   | 10.877 | ng    | 99       |
| 32) Benzoic acid              | 7.769  | 122  | 28321m   | 11.243 | ng    |          |
| 33) 4-Chloroaniline           | 8.122  | 127  | 163147   | 10.273 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.199  | 225  | 64965    | 10.299 | ng    | 97       |
| 35) Caprolactam               | 8.457  | 113  | 19954    | 11.067 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.593  | 107  | 110784   | 9.895  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.763  | 142  | 291088   | 10.887 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.863  | 142  | 270858   | 10.862 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.928  | 216  | 114874   | 10.440 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 55618    | 9.389  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.040  | 196  | 66784    | 9.880  | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 76477    | 9.580  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.228  | 154  | 346236   | 10.899 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 246248   | 10.589 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.340  | 65   | 51746    | 9.641  | ng    | 94       |
| 49) Acenaphthylene            | 9.663  | 152  | 402872   | 10.716 | ng    | 98       |
| 50) Dimethylphthalate         | 9.528  | 163  | 257257   | 10.107 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.581  | 165  | 55580    | 9.572  | ng    | 90       |
| 52) Acenaphthene              | 9.834  | 154  | 257857   | 10.675 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.745  | 138  | 61996    | 9.229  | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 9.851  | 184  | 18613    | 7.584  | ng    | # 87     |
| 55) Dibenzofuran              | 10.004 | 168  | 366876   | 10.715 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.893  | 139  | 48437    | 9.148  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 9.981  | 165  | 66135    | 9.167  | ng    | 99       |
| 58) Fluorene                  | 10.351 | 166  | 279263   | 11.057 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.122 | 232  | 58350    | 9.598  | ng    | 99       |
| 60) Diethylphthalate          | 10.228 | 149  | 198423   | 9.172  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 128405   | 10.686 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.351 | 138  | 57076    | 8.896  | ng    | 99       |
| 63) Azobenzene                | 10.504 | 77   | 296172   | 10.509 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.387 | 198  | 24485    | 7.570  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.457 | 169  | 217212   | 10.330 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.834 | 248  | 72793    | 9.952  | ng    | 93       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 77950    | 10.294 | ng    | 99       |
| 69) Atrazine                  | 10.987 | 200  | 44966    | 8.723  | ng    | 97       |
| 70) Pentachlorophenol         | 11.087 | 266  | 46509    | 9.325  | ng    | 96       |
| 71) Phenanthrene              | 11.310 | 178  | 409904   | 10.845 | ng    | 98       |
| 72) Anthracene                | 11.357 | 178  | 413035   | 10.690 | ng    | 100      |
| 73) Carbazole                 | 11.510 | 167  | 357022   | 10.562 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 123078   | 9.680  | ng    | # 98     |
| 75) Fluoranthene              | 12.492 | 202  | 397279   | 10.499 | ng    | 100      |
| 77) Benzidine                 | 12.616 | 184  | 14120    | 10.390 | ng    | 97       |
| 78) Pyrene                    | 12.722 | 202  | 407050   | 9.929  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 8864     | 11.955 | ng    | # 83     |
| 81) Benzo(a)anthracene        | 13.904 | 228  | 334262   | 10.126 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.875 | 252  | 33088    | 9.648  | ng    | 95       |
| 83) Chrysene                  | 13.939 | 228  | 333301   | 10.257 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149  | 14091m   | 10.775 | ng    |          |
| 85) Di-n-octyl phthalate      | 14.522 | 149  | 18991    | 11.288 | ng    | # 40     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.733 | 276  | 165944   | 9.777  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.933 | 252  | 253313   | 9.618  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.963 | 252  | 284158   | 10.504 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.286 | 252  | 228222   | 9.661  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.757 | 278  | 139363   | 9.653  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.151 | 276  | 138750   | 9.700  | ng    | 98       |

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

