

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122422\  
 Data File : BF131822.D  
 Acq On : 24 Dec 2022 13:34  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022  
 Supervised By : Yogesh Patel 12/28/2022

Quant Time: Dec 26 04:36:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 04:31:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 78154    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 281016   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 162112   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 317059   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 267898   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 209734   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 100035   | 21.354 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 130555   | 21.267 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 141111   | 18.985 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.681 | 330  | 33111    | 18.384 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 245988   | 19.132 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.969 | 244  | 301009   | 15.409 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 22200    | 10.499 | ng    | 97       |
| 3) Pyridine                   | 3.281  | 79   | 62489m   | 10.644 | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.222  | 42   | 29377    | 9.073  | ng    | 100      |
| 6) Aniline                    | 6.493  | 93   | 78884    | 10.744 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 52427    | 10.560 | ng    | 99       |
| 9) Benzaldehyde               | 6.381  | 77   | 47000    | 11.176 | ng    | 96       |
| 10) Phenol                    | 6.469  | 94   | 76266    | 11.138 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 55066    | 10.728 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 60642    | 10.536 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 60434    | 10.409 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 57719    | 10.407 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 56163    | 9.979  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 70283    | 10.600 | ng    | 98       |
| 17) 2-Methylphenol            | 7.087  | 107  | 47842    | 10.693 | ng    | 96       |
| 18) Hexachloroethane          | 7.345  | 117  | 24629    | 10.516 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 45311    | 9.843  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.240  | 107  | 63884    | 10.483 | ng    | 90       |
| 22) Acetophenone              | 7.245  | 105  | 82148    | 9.328  | ng    | # 93     |
| 24) Nitrobenzene              | 7.422  | 77   | 70887    | 9.456  | ng    | 99       |
| 25) Isophorone                | 7.657  | 82   | 113658   | 9.493  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.740  | 139  | 26705    | 10.446 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 39003    | 9.954  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 62339    | 10.065 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 46701    | 9.639  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 56478    | 9.505  | ng    | 100      |
| 31) Naphthalene               | 8.145  | 128  | 157913   | 9.977  | ng    | 98       |
| 32) Benzoic acid              | 7.863  | 122  | 24562m   | 8.655  | ng    |          |
| 33) 4-Chloroaniline           | 8.198  | 127  | 59819    | 10.083 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 38546    | 9.205  | ng    | 98       |
| 35) Caprolactam               | 8.545  | 113  | 13270    | 10.588 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.681  | 107  | 52007    | 9.559  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 104618   | 9.665  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 100408   | 9.663  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 57942    | 9.655  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 14191    | 4.659  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 37051    | 9.982  | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 39037    | 9.779  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 126124   | 9.840  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 104420   | 9.999  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.434  | 65   | 37431    | 10.118 | ng    | 98       |
| 49) Acenaphthylene            | 9.751  | 152  | 156643   | 10.216 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 125620   | 10.165 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 26502    | 10.388 | ng    | 91       |
| 52) Acenaphthene              | 9.922  | 154  | 92549    | 9.010  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 26429    | 10.797 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 11800    | 9.214  | ng    | 91       |
| 55) Dibenzofuran              | 10.092 | 168  | 146147   | 10.070 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.004 | 139  | 17327    | 10.189 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 35487    | 10.486 | ng    | 94       |
| 58) Fluorene                  | 10.439 | 166  | 116000   | 9.831  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 31680m   | 9.372  | ng    |          |
| 60) Diethylphthalate          | 10.310 | 149  | 119195   | 10.051 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.433 | 204  | 61183    | 9.383  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 28470    | 11.737 | ng    | 91       |
| 63) Azobenzene                | 10.592 | 77   | 134282   | 9.928  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 19700    | 9.810  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 96929    | 9.456  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 36658    | 8.988  | ng    | 94       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 41001    | 9.293  | ng    | 91       |
| 69) Atrazine                  | 11.075 | 200  | 34287    | 10.534 | ng    | 95       |
| 70) Pentachlorophenol         | 11.186 | 266  | 17631m   | 7.763  | ng    |          |
| 71) Phenanthrene              | 11.404 | 178  | 177142   | 10.024 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 171620   | 9.982  | ng    | 99       |
| 73) Carbazole                 | 11.616 | 167  | 154802   | 11.030 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 183533   | 10.660 | ng    | 98       |
| 75) Fluoranthene              | 12.598 | 202  | 205628   | 11.299 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 68112    | 9.489  | ng    | 97       |
| 78) Pyrene                    | 12.827 | 202  | 211222   | 7.996  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 77566    | 10.146 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 193080   | 9.980  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 60383    | 10.970 | ng    | 99       |
| 83) Chrysene                  | 14.063 | 228  | 182879   | 9.943  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 96393    | 10.414 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 133221   | 8.544  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 104705   | 6.117  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 153052   | 11.072 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 149524m  | 10.363 | ng    |          |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 117626   | 9.971  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 86315    | 6.127  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 81683    | 5.769  | ng    | 97       |

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

