

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050922\  
 Data File : BF128144.D  
 Acq On : 09 May 2022 12:56  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 14:10:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 14:06:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 96328    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 369974   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 214550   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 406775   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 324924   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 275763   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 273924   | 45.293 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 356730   | 45.458 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 353728   | 44.959 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 108544   | 50.256 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 605705   | 47.760 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 729436   | 41.050 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.704  | 88   | 59347    | 20.567 | ng    | 98       |
| 3) Pyridine                   | 3.469  | 79   | 158078   | 21.381 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.434  | 42   | 77742    | 21.723 | ng    | 97       |
| 6) Aniline                    | 6.557  | 93   | 203873   | 21.866 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.675  | 128  | 138084   | 21.998 | ng    | 97       |
| 9) Benzaldehyde               | 6.445  | 77   | 104251   | 21.474 | ng    | 94       |
| 10) Phenol                    | 6.534  | 94   | 189111   | 23.893 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 139991   | 21.322 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 155403   | 21.508 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 159351   | 22.095 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 149098   | 22.332 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 141802   | 26.572 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 209668   | 20.895 | ng    | 98       |
| 17) 2-Methylphenol            | 7.139  | 107  | 112898   | 20.846 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 58141    | 21.929 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 107961   | 22.474 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 148877   | 22.756 | ng    | 94       |
| 22) Acetophenone              | 7.304  | 105  | 203734   | 22.593 | ng    | # 97     |
| 24) Nitrobenzene              | 7.475  | 77   | 164473   | 21.694 | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 275356   | 20.794 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 71388    | 22.097 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 110725   | 20.634 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 175216   | 20.646 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 117961   | 20.983 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 135451   | 21.212 | ng    | 100      |
| 31) Naphthalene               | 8.198  | 128  | 400335   | 21.245 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 74460    | 19.359 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 156408   | 20.978 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 90773    | 22.568 | ng    | 98       |
| 35) Caprolactam               | 8.610  | 113  | 37171m   | 20.484 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 131534   | 21.908 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 270064   | 21.686 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 257996   | 21.314 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 138961   | 21.974 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 47275    | 13.798 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 89699    | 21.557 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050922\  
 Data File : BF128144.D  
 Acq On : 09 May 2022 12:56  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 14:10:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 14:06:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 94125    | 20.808 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 341553   | 21.491 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 255540   | 21.121 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 90075    | 22.010 | ng    | 100      |
| 49) Acenaphthylene            | 9.798  | 152  | 388636   | 21.000 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 302278   | 21.008 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 65925    | 21.161 | ng    | 93       |
| 52) Acenaphthene              | 9.969  | 154  | 267368m  | 21.489 | ng    |          |
| 53) 3-Nitroaniline            | 9.892  | 138  | 72118    | 20.847 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 34512    | 21.035 | ng    | # 87     |
| 55) Dibenzofuran              | 10.139 | 168  | 386197   | 21.514 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 50934    | 19.281 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 91587    | 22.194 | ng    | # 83     |
| 58) Fluorene                  | 10.486 | 166  | 296512   | 22.136 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 81465    | 21.417 | ng    | 99       |
| 60) Diethylphthalate          | 10.351 | 149  | 306018   | 21.689 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 148787   | 22.353 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 74358    | 21.986 | ng    | 95       |
| 63) Azobenzene                | 10.633 | 77   | 330613   | 21.295 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 55083    | 22.790 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 259710   | 20.519 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 96295    | 21.355 | ng    | 92       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 103676   | 21.822 | ng    | 91       |
| 69) Atrazine                  | 11.122 | 200  | 87919    | 22.464 | ng    | 98       |
| 70) Pentachlorophenol         | 11.227 | 266  | 50903    | 18.212 | ng    | 96       |
| 71) Phenanthrene              | 11.451 | 178  | 442664   | 20.789 | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 445630   | 21.010 | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 424119   | 20.747 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 491652   | 21.388 | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 482780   | 21.543 | ng    | 97       |
| 77) Benzidine                 | 12.763 | 184  | 157724   | 25.654 | ng    | 99       |
| 78) Pyrene                    | 12.874 | 202  | 500544   | 19.083 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 206975   | 20.132 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 445556   | 20.573 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.027 | 252  | 109570   | 15.934 | ng    | # 99     |
| 83) Chrysene                  | 14.104 | 228  | 429174   | 20.750 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 280864   | 20.601 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 452806   | 21.432 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.092 | 276  | 337831   | 18.354 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 359089   | 20.732 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 377631   | 21.641 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 299321   | 20.834 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 275448   | 18.659 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.551 | 276  | 269834   | 17.345 | ng    | 97       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050922\  
 Data File : BF128144.D  
 Acq On : 09 May 2022 12:56  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: May 09 14:10:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 14:06:17 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022

