

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050922\  
 Data File : BF128143.D  
 Acq On : 09 May 2022 12:27  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

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

Quant Time: May 09 14:09:19 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  | 95336    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 370708   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 216305   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 411597   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 347571   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 305577   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 130265   | 21.763 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 173137   | 22.293 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 167738   | 21.277 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 51795    | 23.787 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 298219   | 23.324 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 368182   | 19.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.710  | 88   | 27380    | 9.587  | ng    | 95       |
| 3) Pyridine                   | 3.481  | 79   | 74801    | 10.222 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 35457    | 10.011 | ng    | 97       |
| 6) Aniline                    | 6.551  | 93   | 94843    | 10.278 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 66904    | 10.770 | ng    | 97       |
| 9) Benzaldehyde               | 6.445  | 77   | 56705    | 11.802 | ng    | 95       |
| 10) Phenol                    | 6.528  | 94   | 90236    | 11.520 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 65375    | 10.061 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 73699    | 10.306 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 75075    | 10.518 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 71631    | 10.840 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 66124    | 12.520 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 98871    | 9.956  | ng    | 100      |
| 17) 2-Methylphenol            | 7.140  | 107  | 55801    | 10.411 | ng    | 98       |
| 18) Hexachloroethane          | 7.404  | 117  | 26973    | 10.279 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 51423    | 10.816 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 70346    | 10.864 | ng    | # 87     |
| 22) Acetophenone              | 7.298  | 105  | 97948    | 10.841 | ng    | # 94     |
| 24) Nitrobenzene              | 7.475  | 77   | 76553    | 10.077 | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 127986   | 9.646  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 32968    | 10.185 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 52211    | 9.711  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 83637    | 9.836  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 55275    | 9.813  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 64170    | 10.029 | ng    | 97       |
| 31) Naphthalene               | 8.198  | 128  | 192404   | 10.190 | ng    | 98       |
| 32) Benzoic acid              | 7.910  | 122  | 27643    | 7.173  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 76307    | 10.214 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 43472    | 10.787 | ng    | 96       |
| 35) Caprolactam               | 8.592  | 113  | 17787    | 9.783  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 60941    | 10.130 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 128872   | 10.328 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 125844   | 10.376 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 66234    | 10.389 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 14793    | 4.283  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 40767    | 9.718  | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 44035    | 9.656  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 166125   | 10.368 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 121805   | 9.986  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 41427    | 10.040 | ng    | 97       |
| 49) Acenaphthylene            | 9.798  | 152  | 185106   | 9.921  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 142117   | 9.797  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 30979    | 9.863  | ng    | 97       |
| 52) Acenaphthene              | 9.969  | 154  | 126053m  | 10.049 | ng    |          |
| 53) 3-Nitroaniline            | 9.886  | 138  | 34537    | 9.902  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 12887    | 7.791  | ng    | # 80     |
| 55) Dibenzofuran              | 10.139 | 168  | 185762   | 10.264 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 22304    | 8.375  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 42043    | 10.106 | ng    | 91       |
| 58) Fluorene                  | 10.480 | 166  | 144883   | 10.728 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 37797    | 9.856  | ng    | 98       |
| 60) Diethylphthalate          | 10.351 | 149  | 145443   | 10.224 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 71538    | 10.660 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 34945    | 10.248 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 155925   | 9.962  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 23234    | 9.500  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 122935   | 9.599  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 44981    | 9.858  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 50065    | 10.414 | ng    | 100      |
| 69) Atrazine                  | 11.116 | 200  | 41761    | 10.545 | ng    | 99       |
| 70) Pentachlorophenol         | 11.227 | 266  | 19645    | 6.946  | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 217031   | 10.073 | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 213930   | 9.968  | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 204123   | 9.868  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 233417   | 10.035 | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 235527   | 10.387 | ng    | 98       |
| 77) Benzidine                 | 12.763 | 184  | 80811    | 12.288 | ng    | 98       |
| 78) Pyrene                    | 12.874 | 202  | 241617   | 8.611  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 98884    | 8.992  | ng    | 90       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 221080   | 9.543  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 55631    | 7.563  | ng    | 100      |
| 83) Chrysene                  | 14.098 | 228  | 214533   | 9.696  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 136325   | 9.348  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 220468   | 9.755  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.086 | 276  | 179087   | 8.780  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 186557   | 9.720  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 191008   | 9.878  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 153465   | 9.640  | ng    | 95       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 146667   | 8.966  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 146428   | 8.494  | ng    | 95       |

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

