

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021921\  
 Data File : BF123225.D  
 Acq On : 19 Feb 2021 11:54  
 Operator : JU/CG  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Feb 19 14:01:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 13:58:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 124188   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.140  | 136  | 490766   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.898  | 164  | 248224   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 466885   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 403450   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 391365   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 214799   | 26.22 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.475  | 99   | 289615   | 26.77 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 259809   | 27.82 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 59989    | 22.38 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 432054   | 26.01 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 508828   | 25.28 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.610  | 88   | 59140    | 15.49 | ng    | 93       |
| 3) Pyridine                   | 3.363  | 79   | 124786   | 12.65 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 64935    | 15.27 | ng    | 90       |
| 6) Aniline                    | 6.516  | 93   | 166483   | 12.93 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.640  | 128  | 114446   | 12.46 | ng    | 95       |
| 9) Benzaldehyde               | 6.404  | 77   | 90748    | 14.29 | ng    | 94       |
| 10) Phenol                    | 6.493  | 94   | 158718   | 13.36 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 111273   | 13.49 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 118529   | 12.41 | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 122621   | 12.63 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 115698   | 12.79 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.993  | 79   | 111900   | 14.25 | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 148874   | 13.98 | ng    | 99       |
| 17) 2-Methylphenol            | 7.104  | 107  | 93920    | 12.74 | ng    | 95       |
| 18) Hexachloroethane          | 7.369  | 117  | 44388    | 12.84 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 87101    | 14.04 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 123690   | 13.21 | ng    | 93       |
| 22) Acetophenone              | 7.263  | 105  | 158603   | 13.19 | ng    | 97       |
| 24) Nitrobenzene              | 7.434  | 77   | 136585   | 13.80 | ng    | 91       |
| 25) Isophorone                | 7.675  | 82   | 238258   | 13.74 | ng    | 96       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 55342    | 11.61 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.787  | 122  | 85773    | 11.81 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.887  | 93   | 124283   | 13.21 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 89955    | 12.54 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 100587   | 13.07 | ng    | 100      |
| 31) Naphthalene               | 8.163  | 128  | 326572   | 12.36 | ng    | 99       |
| 32) Benzoic acid              | 7.875  | 122  | 45001    | 7.95  | ng    | 91       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 129827   | 11.87 | ng    | # 94     |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 56903    | 13.46 | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 28971    | 11.53 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.687  | 107  | 106448   | 12.71 | ng    | 90       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 216719   | 12.40 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 204335   | 12.44 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 90738    | 13.20 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 36361    | 11.56 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 61975    | 11.96 | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021921\  
 Data File : BF123225.D  
 Acq On : 19 Feb 2021 11:54  
 Operator : JU/CG  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Feb 19 14:01:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 13:58:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 66677    | 11.83 | ng    | # 93     |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 253995   | 12.68 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 197400   | 12.32 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.434  | 65   | 67492    | 12.56 | ng    | # 76     |
| 49) Acenaphthylene            | 9.757  | 152  | 298449   | 11.57 | ng    | 99       |
| 50) Dimethylphthalate         | 9.616  | 163  | 222672   | 12.38 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 50253    | 11.61 | ng    | # 67     |
| 52) Acenaphthene              | 9.934  | 154  | 203902   | 12.16 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 55101    | 10.71 | ng    | # 80     |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 17040    | 7.43  | ng    | 95       |
| 55) Dibenzofuran              | 10.104 | 168  | 281379   | 12.40 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 43015    | 10.17 | ng    | # 74     |
| 57) 2,4-Dinitrotoluene        | 10.081 | 165  | 68899    | 11.79 | ng    | 93       |
| 58) Fluorene                  | 10.451 | 166  | 223961   | 12.72 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 51741    | 11.60 | ng    | # 81     |
| 60) Diethylphthalate          | 10.316 | 149  | 221729   | 12.15 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 106989   | 13.65 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 58364    | 11.25 | ng    | 91       |
| 63) Azobenzene                | 10.598 | 77   | 260942   | 13.66 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 31874    | 10.60 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 195186   | 12.37 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 60450    | 12.19 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 64897    | 11.96 | ng    | # 91     |
| 69) Atrazine                  | 11.081 | 200  | 61738    | 13.12 | ng    | 95       |
| 70) Pentachlorophenol         | 11.192 | 266  | 37183    | 10.99 | ng    | 99       |
| 71) Phenanthrene              | 11.416 | 178  | 341002   | 12.40 | ng    | 97       |
| 72) Anthracene                | 11.463 | 178  | 337304   | 12.27 | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 318625   | 12.16 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 349765   | 12.42 | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 361358   | 13.08 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 163028   | 11.41 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 373922   | 12.54 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 151920   | 11.52 | ng    | 90       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 328800   | 12.10 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 112809   | 11.98 | ng    | 99       |
| 83) Chrysene                  | 14.069 | 228  | 325213   | 12.14 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 211740   | 12.37 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 361924   | 12.29 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.986 | 276  | 334743   | 12.45 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 333138   | 12.12 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 297197   | 11.76 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 291002   | 11.84 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.004 | 278  | 285383   | 12.52 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 275046   | 12.40 | ng    | 98       |

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

Quant Time: Feb 19 14:01:10 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 19 13:58:44 2021  
Response via : Initial Calibration

