

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101220\  
 Data File : BF121919.D  
 Acq On : 12 Oct 2020 13:36  
 Operator : JU/CG  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Oct 12 14:05:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 12 13:28:48 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.745  | 152  | 117924   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.033  | 136  | 423738   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.786  | 164  | 212926   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.274 | 188  | 388771   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.921 | 240  | 291706   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.356 | 264  | 252447   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 887498   | 111.85 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.404  | 99   | 1132098  | 108.75 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 962202   | 121.92 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.586 | 330  | 316463   | 119.58 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.116  | 172  | 1545368  | 109.92 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.863 | 244  | 1743636  | 121.10 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.428  | 88   | 204126   | 55.99  | ng    | 99       |
| 3) Pyridine                   | 3.151  | 79   | 586864   | 58.23  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.122  | 42   | 269941   | 57.75  | ng    | 99       |
| 6) Aniline                    | 6.422  | 93   | 695925   | 51.33  | ng    | # 88     |
| 8) 2-Chlorophenol             | 6.539  | 128  | 449802   | 55.68  | ng    | 98       |
| 9) Benzaldehyde               | 6.298  | 77   | 273286   | 40.16  | ng    | 98       |
| 10) Phenol                    | 6.416  | 94   | 575419   | 51.91  | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.492  | 93   | 466665   | 55.85  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.692  | 146  | 506449   | 56.16  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.769  | 146  | 506885   | 55.98  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.922  | 146  | 448934   | 53.82  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.904  | 79   | 365763   | 51.69  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.028  | 45   | 687348   | 51.12  | ng    | 80       |
| 17) 2-Methylphenol            | 7.016  | 107  | 389258   | 56.63  | ng    | 95       |
| 18) Hexachloroethane          | 7.257  | 117  | 186973   | 57.67  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.181  | 70   | 316842   | 52.81  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 437384   | 52.96  | ng    | # 89     |
| 22) Acetophenone              | 7.169  | 105  | 602192   | 56.01  | ng    | 97       |
| 24) Nitrobenzene              | 7.345  | 77   | 511676   | 59.95  | ng    | 94       |
| 25) Isophorone                | 7.586  | 82   | 913260   | 57.49  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.657  | 139  | 247012   | 67.59  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.698  | 122  | 400054   | 56.41  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.792  | 93   | 562570   | 57.20  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 372906   | 57.73  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.980  | 180  | 393407   | 57.83  | ng    | 100      |
| 31) Naphthalene               | 8.057  | 128  | 1278705  | 57.17  | ng    | 99       |
| 32) Benzoic acid              | 7.869  | 122  | 234501   | 50.10  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.110  | 127  | 554829   | 57.22  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.175  | 225  | 235426   | 58.96  | ng    | 99       |
| 35) Caprolactam               | 8.510  | 113  | 124815   | 58.03  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.604  | 107  | 405800   | 58.32  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.751  | 142  | 813188   | 55.47  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.851  | 142  | 754097   | 55.27  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.916  | 216  | 394667   | 59.34  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.898  | 237  | 107303   | 28.25  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.033  | 196  | 250867   | 55.34  | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 9.080  | 196  | 273419   | 57.05 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.216  | 154  | 962971   | 56.49 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.239  | 162  | 759105   | 56.51 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.339  | 65   | 270190   | 64.73 | ng    | 95       |
| 49) Acenaphthylene            | 9.651  | 152  | 1143541  | 55.41 | ng    | 99       |
| 50) Dimethylphthalate         | 9.522  | 163  | 903382   | 58.54 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 202185   | 61.52 | ng    | 94       |
| 52) Acenaphthene              | 9.827  | 154  | 686054   | 52.63 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.757  | 138  | 231008   | 60.67 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 95838    | 64.72 | ng    | # 86     |
| 55) Dibenzofuran              | 9.998  | 168  | 975233   | 53.12 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.933  | 139  | 134921   | 44.44 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 242860   | 58.74 | ng    | # 86     |
| 58) Fluorene                  | 10.339 | 166  | 790573   | 56.31 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.122 | 232  | 220442   | 56.58 | ng    | 99       |
| 60) Diethylphthalate          | 10.216 | 149  | 843920   | 56.09 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.327 | 204  | 386039   | 57.40 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.374 | 138  | 230845   | 61.06 | ng    | 96       |
| 63) Azobenzene                | 10.492 | 77   | 897579   | 56.02 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 153393   | 72.36 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.451 | 169  | 754115   | 56.54 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.821 | 248  | 258441   | 58.39 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.892 | 284  | 294730   | 59.00 | ng    | # 90     |
| 69) Atrazine                  | 10.980 | 200  | 192627   | 58.13 | ng    | 99       |
| 70) Pentachlorophenol         | 11.086 | 266  | 114135   | 41.60 | ng    | 98       |
| 71) Phenanthrene              | 11.304 | 178  | 1183638  | 55.88 | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 1228319  | 56.19 | ng    | 100      |
| 73) Carbazole                 | 11.516 | 167  | 1115337  | 56.54 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 1255569  | 55.15 | ng    | 100      |
| 75) Fluoranthene              | 12.492 | 202  | 1273857  | 56.34 | ng    | 98       |
| 77) Benzidine                 | 12.610 | 184  | 436629   | 45.15 | ng    | 99       |
| 78) Pyrene                    | 12.721 | 202  | 1291533  | 60.60 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.333 | 149  | 526474   | 61.08 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.910 | 228  | 1109782  | 60.14 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.874 | 252  | 404682   | 56.17 | ng    | 99       |
| 83) Chrysene                  | 13.951 | 228  | 1069812  | 57.25 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.892 | 149  | 690522   | 59.97 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.504 | 149  | 1128478  | 55.53 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.786 | 276  | 967444   | 58.85 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.945 | 252  | 978007   | 57.95 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.974 | 252  | 954496   | 61.76 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.298 | 252  | 848536   | 59.15 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.792 | 278  | 785832   | 57.42 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.209 | 276  | 825339   | 61.35 | ng    | 98       |

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

