

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042721\  
 Data File : BF123749.D  
 Acq On : 27 Apr 2021 16:27  
 Operator : JU/CG  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF042721

Quant Time: Apr 27 16:58:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 27 16:30:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 262618   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.098  | 136  | 967596   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.851  | 164  | 477971   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 934507   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 722558   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.439 | 264  | 612612   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1301595  | 78.52 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 1782400  | 78.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 1706054  | 79.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 472678   | 79.44 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 2488404  | 75.82 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 2819266  | 75.13 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.516  | 88   | 350892   | 39.29 | ng    | 96       |
| 3) Pyridine                   | 3.245  | 79   | 899588   | 41.22 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.204  | 42   | 496825   | 41.33 | ng    | 97       |
| 6) Aniline                    | 6.475  | 93   | 1053616  | 39.89 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.598  | 128  | 705445   | 39.56 | ng    | 98       |
| 9) Benzaldehyde               | 6.357  | 77   | 431097   | 39.00 | ng    | 99       |
| 10) Phenol                    | 6.463  | 94   | 970782   | 39.57 | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 713985   | 39.87 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 710784   | 39.45 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 715344   | 39.24 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 660533   | 37.32 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.951  | 79   | 729074   | 40.73 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 1515183  | 39.78 | ng    | 99       |
| 17) 2-Methylphenol            | 7.069  | 107  | 601087   | 39.56 | ng    | 98       |
| 18) Hexachloroethane          | 7.322  | 117  | 292831   | 40.59 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 563487   | 39.96 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 733001   | 37.91 | ng    | # 85     |
| 22) Acetophenone              | 7.222  | 105  | 1010025  | 38.40 | ng    | # 91     |
| 24) Nitrobenzene              | 7.392  | 77   | 877970   | 39.32 | ng    | 95       |
| 25) Isophorone                | 7.633  | 82   | 1580317  | 39.32 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.710  | 139  | 375195   | 41.18 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 562097   | 39.27 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 814422   | 39.77 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 554403   | 39.30 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.039  | 180  | 573611   | 38.80 | ng    | 100      |
| 31) Naphthalene               | 8.122  | 128  | 1954148  | 39.22 | ng    | 99       |
| 32) Benzoic acid              | 7.880  | 122  | 368560   | 38.68 | ng    | 90       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 826369   | 39.75 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 353396   | 39.23 | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 197597   | 39.90 | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 702358   | 39.91 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 1274449  | 39.25 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 1190317  | 39.00 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 546727   | 38.87 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 238284   | 40.59 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.086  | 196  | 389971   | 40.25 | ng    | 96       |

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| 44) 2,4,5-Trichlorophenol     | 9.127  | 196  | 406992   | 39.15 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.274  | 154  | 1515296  | 38.70 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.298  | 162  | 1148638  | 38.90 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.392  | 65   | 522400   | 40.16 | ng    | 95       |
| 49) Acenaphthylene            | 9.716  | 152  | 1855594  | 38.94 | ng    | 99       |
| 50) Dimethylphthalate         | 9.580  | 163  | 1308140  | 38.86 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 309155   | 39.72 | ng    | 93       |
| 52) Acenaphthene              | 9.886  | 154  | 1135259  | 39.10 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 370661   | 39.87 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 174486   | 42.21 | ng    | 97       |
| 55) Dibenzofuran              | 10.057 | 168  | 1693562  | 38.56 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.974  | 139  | 282940   | 41.79 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 427082   | 40.25 | ng    | 96       |
| 58) Fluorene                  | 10.404 | 166  | 1296264  | 38.41 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 330877   | 40.20 | ng    | 98       |
| 60) Diethylphthalate          | 10.274 | 149  | 1406634  | 39.25 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 604463   | 38.43 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.421 | 138  | 371909   | 40.37 | ng    | 97       |
| 63) Azobenzene                | 10.557 | 77   | 1610424  | 39.09 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 245996   | 42.48 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 1179106  | 38.57 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248  | 380310   | 38.65 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.951 | 284  | 436101   | 38.93 | ng    | 98       |
| 69) Atrazine                  | 11.039 | 200  | 365026   | 39.50 | ng    | 99       |
| 70) Pentachlorophenol         | 11.145 | 266  | 238485   | 41.77 | ng    | 95       |
| 71) Phenanthrene              | 11.363 | 178  | 1891142  | 38.58 | ng    | 100      |
| 72) Anthracene                | 11.416 | 178  | 1876977  | 38.51 | ng    | 99       |
| 73) Carbazole                 | 11.568 | 167  | 1929991  | 39.18 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 2162528  | 39.10 | ng    | 99       |
| 75) Fluoranthene              | 12.557 | 202  | 2057336  | 38.48 | ng    | 98       |
| 77) Benzidine                 | 12.674 | 184  | 797278   | 42.61 | ng    | 98       |
| 78) Pyrene                    | 12.786 | 202  | 2121291  | 37.82 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 947988   | 39.56 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1700344  | 38.83 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 528689   | 39.32 | ng    | 98       |
| 83) Chrysene                  | 14.009 | 228  | 1728125  | 39.23 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 1172175  | 39.38 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 2011376  | 42.26 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 1315109  | 36.86 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1604155  | 38.86 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 1489863  | 37.81 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 1387645  | 39.31 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 1128486  | 37.46 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.327 | 276  | 1080681  | 35.82 | ng    | 99       |

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

