

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121520\  
 Data File : BF122723.D  
 Acq On : 15 Dec 2020 19:12  
 Operator : JU/CG  
 Sample : L5102-05MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LLEXSITUTV-016-001-SOMS

Manual Integrations  
 APPROVED

mohammad  
 12/17/2020 9:53:35 AM

Quant Time: Dec 16 01:55:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 129037   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 457134   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 211284   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 344732   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.980 | 240  | 289713   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.433 | 264  | 332285   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 428604   | 52.59 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 741866   | 68.63 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 634279   | 69.52 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 79346    | 28.69 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1140940  | 73.04 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1032313  | 62.37 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.610  | 88   | 153743   | 40.13 | ng    | 98       |
| 3) Pyridine                   | 3.346  | 79   | 413240   | 40.81 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.299  | 42   | 167846   | 41.33 | ng    | 98       |
| 6) Aniline                    | 6.481  | 93   | 276052   | 21.69 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 374771   | 41.72 | ng    | 95       |
| 9) Benzaldehyde               | 6.363  | 77   | 143527   | 21.94 | ng    | 98       |
| 10) Phenol                    | 6.463  | 94   | 442988   | 39.55 | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 356258   | 41.63 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.757  | 146  | 434272   | 40.85 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 438697   | 40.93 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 417308   | 40.33 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 286530   | 38.50 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 449378   | 36.83 | ng    | 99       |
| 17) 2-Methylphenol            | 7.075  | 107  | 279486   | 39.14 | ng    | 99       |
| 18) Hexachloroethane          | 7.334  | 117  | 153360   | 40.15 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 229785   | 37.11 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 340361   | 37.73 | ng    | 92       |
| 22) Acetophenone              | 7.228  | 105  | 467693   | 41.15 | ng    | 98       |
| 24) Nitrobenzene              | 7.398  | 77   | 370042   | 40.77 | ng    | 98       |
| 25) Isophorone                | 7.639  | 82   | 630855   | 40.14 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 188243   | 42.52 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 291384   | 44.91 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 409082   | 38.01 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 286226   | 37.77 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 341292   | 39.75 | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1037076  | 41.11 | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 154515   | 29.89 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 113910   | 10.80 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 205735   | 38.94 | ng    | 100      |
| 35) Caprolactam               | 8.534  | 113  | 74553m   | 32.67 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 274221   | 36.74 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 660272   | 39.57 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 605598   | 38.36 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 309575   | 44.24 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 303589   | 98.12 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 190127   | 39.34 | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 197628   | 39.56 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 767058   | 43.74 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 603385   | 41.53 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 149113   | 35.20 | ng    | 94       |
| 49) Acenaphthylene            | 9.722  | 152  | 901894   | 42.03 | ng    | 98       |
| 50) Dimethylphthalate         | 9.581  | 163  | 665094   | 39.42 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 142942   | 40.11 | ng    | 94       |
| 52) Acenaphthene              | 9.892  | 154  | 594196m  | 42.80 | ng    |          |
| 53) 3-Nitroaniline            | 9.804  | 138  | 65105    | 15.81 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 120478   | 69.14 | ng    | # 86     |
| 55) Dibenzofuran              | 10.063 | 168  | 796654   | 40.79 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 202919   | 69.11 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 181518   | 38.24 | ng    | 93       |
| 58) Fluorene                  | 10.404 | 166  | 605918   | 39.01 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 159148   | 36.26 | ng    | 98       |
| 60) Diethylphthalate          | 10.275 | 149  | 598572   | 36.47 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 292168   | 38.20 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 129021   | 30.87 | ng    | 92       |
| 63) Azobenzene                | 10.557 | 77   | 570589   | 37.82 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 90196    | 42.91 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 522765   | 42.92 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248  | 190506   | 40.78 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 212085   | 41.07 | ng    | # 92     |
| 69) Atrazine                  | 11.039 | 200  | 140751   | 35.58 | ng    | 98       |
| 70) Pentachlorophenol         | 11.151 | 266  | 205629   | 75.16 | ng    | 99       |
| 71) Phenanthrene              | 11.369 | 178  | 859315   | 41.94 | ng    | 98       |
| 72) Anthracene                | 11.416 | 178  | 884695   | 43.55 | ng    | 99       |
| 73) Carbazole                 | 11.574 | 167  | 759200   | 41.21 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 876672   | 37.87 | ng    | 98       |
| 75) Fluoranthene              | 12.557 | 202  | 881178   | 41.02 | ng    | 98       |
| 77) Benzidine                 | 12.674 | 184  | 281520   | 44.92 | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 874532   | 39.04 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 363665   | 36.04 | ng    | 92       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 810911   | 41.88 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 178413   | 25.73 | ng    | 98       |
| 83) Chrysene                  | 14.010 | 228  | 805008   | 41.78 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 504218   | 36.49 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 908390   | 39.64 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 1120829  | 51.39 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 970799   | 41.64 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 810875   | 38.04 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 826876   | 40.54 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.898 | 278  | 915281   | 51.27 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 976136   | 56.50 | ng    | 99       |

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

