

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101122\  
 Data File : BF130611.D  
 Acq On : 11 Oct 2022 11:17  
 Operator : CG\JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/12/2022  
 Supervised By : Jagrut Upadhyay 10/12/2022

Quant Time: Oct 12 06:15:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:13:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.587  | 152  | 99393    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.869  | 136  | 401776   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.616  | 164  | 221620   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.098 | 188  | 391090   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.721 | 240  | 293194   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.098 | 264  | 228580   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.187  | 112  | 57885    | 10.101 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.228  | 99   | 74860    | 10.441 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.151  | 82   | 72283    | 9.191  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.404 | 330  | 21404    | 10.079 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.945  | 172  | 154987   | 10.184 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.674 | 244  | 165103   | 9.328  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.152  | 88   | 19989    | 7.595  | ng    | 99       |
| 3) Pyridine                   | 2.846  | 79   | 28443    | 4.143  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 2.769  | 42   | 14537    | 3.893  | ng    | # 92     |
| 6) Aniline                    | 6.251  | 93   | 44441    | 5.030  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.375  | 128  | 33904    | 5.194  | ng    | 96       |
| 9) Benzaldehyde               | 6.139  | 77   | 26805    | 5.581  | ng    | 96       |
| 10) Phenol                    | 6.245  | 94   | 43290    | 5.152  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.328  | 93   | 30617    | 5.052  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.522  | 146  | 37930    | 5.281  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.604  | 146  | 38741    | 5.289  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.757  | 146  | 36850    | 5.386  | ng    | 95       |
| 15) Benzyl Alcohol            | 6.739  | 79   | 24945    | 4.388  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.869  | 45   | 40822    | 4.618  | ng    | 92       |
| 17) 2-Methylphenol            | 6.857  | 107  | 28287    | 5.331  | ng    | 95       |
| 18) Hexachloroethane          | 7.092  | 117  | 14019    | 4.856  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.004  | 70   | 23843    | 4.928  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.010  | 107  | 38525    | 5.589  | ng    | 94       |
| 22) Acetophenone              | 7.004  | 105  | 48088    | 4.896  | ng    | # 95     |
| 24) Nitrobenzene              | 7.169  | 77   | 36489    | 4.569  | ng    | 95       |
| 25) Isophorone                | 7.410  | 82   | 61094    | 4.820  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.492  | 139  | 17357    | 5.302  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.539  | 122  | 25251    | 5.010  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.628  | 93   | 35534    | 4.979  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.739  | 162  | 28513    | 5.162  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 7.810  | 180  | 30436    | 5.097  | ng    | 99       |
| 31) Naphthalene               | 7.892  | 128  | 107892   | 5.212  | ng    | 98       |
| 33) 4-Chloroaniline           | 7.951  | 127  | 41241    | 5.239  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.010  | 225  | 18988    | 4.975  | ng    | 93       |
| 35) Caprolactam               | 8.286  | 113  | 7809     | 4.932  | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 8.433  | 107  | 31010    | 5.065  | ng    | 88       |
| 37) 2-Methylnaphthalene       | 8.580  | 142  | 70948    | 5.376  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.680  | 142  | 68837    | 5.430  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.745  | 216  | 29470    | 4.873  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.863  | 196  | 19189    | 4.546  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 8.910  | 196  | 19954    | 4.381  | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.045  | 154  | 82139    | 4.963  | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.063  | 162  | 66686    | 4.981 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.169  | 65   | 19100    | 4.277 | ng    | 87       |
| 49) Acenaphthylene            | 9.475  | 152  | 102218   | 5.092 | ng    | 98       |
| 50) Dimethylphthalate         | 9.345  | 163  | 79228    | 5.175 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.410  | 165  | 16115    | 5.033 | ng    | 93       |
| 52) Acenaphthene              | 9.651  | 154  | 61570m   | 4.668 | ng    |          |
| 53) 3-Nitroaniline            | 9.580  | 138  | 18720    | 5.247 | ng    | 97       |
| 55) Dibenzofuran              | 9.822  | 168  | 95335    | 5.196 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.763  | 139  | 7396     | 2.846 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 21995    | 5.376 | ng    | 90       |
| 58) Fluorene                  | 10.163 | 166  | 78535    | 5.234 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 9.945  | 232  | 15780    | 4.426 | ng    | # 98     |
| 60) Diethylphthalate          | 10.045 | 149  | 77846    | 5.071 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.157 | 204  | 34634    | 5.262 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.186 | 138  | 17669m   | 4.930 | ng    |          |
| 63) Azobenzene                | 10.316 | 77   | 72914    | 4.613 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.222 | 198  | 9962     | 4.576 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.275 | 169  | 64373    | 4.926 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248  | 22357    | 5.182 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.704 | 284  | 24808    | 5.073 | ng    | 99       |
| 69) Atrazine                  | 10.804 | 200  | 18580    | 4.865 | ng    | 92       |
| 71) Phenanthrene              | 11.116 | 178  | 112122   | 5.106 | ng    | 98       |
| 72) Anthracene                | 11.169 | 178  | 107869   | 5.091 | ng    | 99       |
| 73) Carbazole                 | 11.333 | 167  | 98497    | 5.151 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.669 | 149  | 116157   | 5.037 | ng    | 98       |
| 75) Fluoranthene              | 12.298 | 202  | 113757   | 5.362 | ng    | 97       |
| 77) Benzidine                 | 12.433 | 184  | 50650    | 5.951 | ng    | # 96     |
| 78) Pyrene                    | 12.527 | 202  | 116311   | 4.535 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.157 | 149  | 42412    | 4.464 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.715 | 228  | 98205    | 5.035 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.680 | 252  | 28407    | 5.350 | ng    | 97       |
| 83) Chrysene                  | 13.745 | 228  | 93215    | 5.033 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.715 | 149  | 50718    | 4.660 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.327 | 149  | 73001    | 4.385 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.374 | 276  | 68208    | 4.208 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.715 | 252  | 73273    | 4.911 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.739 | 252  | 78692    | 5.362 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.039 | 252  | 59399    | 5.025 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.392 | 278  | 55475    | 4.172 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 16.762 | 276  | 53906    | 4.024 | ng    | 98       |

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

