

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082022\  
 Data File : BG054668.D  
 Acq On : 19 Aug 2022 18:23  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Aug 21 23:18:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 21 23:16:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.162  | 152  | 44502    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.988 | 136  | 178045   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.789 | 164  | 116188   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.539 | 188  | 267733   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.828 | 240  | 274706   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.201 | 264  | 276567   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.694  | 112  | 48291    | 22.657 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.298  | 99   | 68722    | 23.530 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.331  | 82   | 58289    | 17.828 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.276 | 330  | 23038    | 9.444  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.420 | 172  | 155336   | 18.860 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.136 | 244  | 271933   | 19.638 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.550  | 88   | 12975    | 15.301 | ng    | 91       |
| 3) Pyridine                   | 3.955  | 79   | 32001    | 14.877 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.867  | 42   | 14051    | 11.682 | ng    | # 99     |
| 6) Aniline                    | 7.474  | 93   | 40295    | 11.953 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.721  | 128  | 27112    | 11.069 | ng    | 95       |
| 9) Benzaldehyde               | 7.292  | 77   | 24380    | 14.860 | ng    | 98       |
| 10) Phenol                    | 7.322  | 94   | 34861    | 12.014 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.568  | 93   | 27970    | 13.220 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.050  | 146  | 31870    | 10.679 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.197  | 146  | 31915    | 10.355 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.520  | 146  | 30521    | 10.502 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.391  | 79   | 23152    | 9.638  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.691  | 45   | 43744    | 16.417 | ng    | 99       |
| 17) 2-Methylphenol            | 8.591  | 107  | 23483    | 11.228 | ng    | 98       |
| 18) Hexachloroethane          | 9.255  | 117  | 11108    | 10.885 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.961  | 70   | 22151    | 11.358 | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.920  | 107  | 31073    | 10.544 | ng    | 98       |
| 22) Acetophenone              | 8.984  | 105  | 43804    | 10.229 | ng    | 99       |
| 24) Nitrobenzene              | 9.372  | 77   | 30058    | 9.407  | ng    | 98       |
| 25) Isophorone                | 9.895  | 82   | 56761    | 9.982  | ng    | 100      |
| 26) 2-Nitrophenol             | 10.089 | 139  | 8772     | 5.446  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.136 | 122  | 22799    | 10.247 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.377 | 93   | 33787    | 11.781 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.624 | 162  | 23493    | 6.996  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.847 | 180  | 29704    | 7.142  | ng    | 98       |
| 31) Naphthalene               | 11.035 | 128  | 93370    | 10.447 | ng    | 98       |
| 32) Benzoic acid              | 10.195 | 122  | 10430    | 14.696 | ng    | 90       |
| 33) 4-Chloroaniline           | 11.135 | 127  | 37557    | 10.333 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.317 | 225  | 19040    | 5.180  | ng    | 96       |
| 35) Caprolactam               | 11.881 | 113  | 7684     | 9.087  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.239 | 107  | 25471    | 8.337  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.633 | 142  | 63729    | 9.285  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.850 | 142  | 62298    | 9.315  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.991 | 216  | 33247    | 6.531  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.974 | 237  | 16407    | 13.738 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.226 | 196  | 18955    | 6.839  | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 13.291 | 196  | 22282    | 7.115  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.626 | 154  | 84801    | 10.668 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.673 | 162  | 63811    | 9.592  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.867 | 65   | 14370    | 8.277  | ng    | 98       |
| 49) Acenaphthylene            | 14.519 | 152  | 106231   | 10.747 | ng    | 96       |
| 50) Dimethylphthalate         | 14.237 | 163  | 85390    | 9.409  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.355 | 165  | 13687    | 6.876  | ng    | 97       |
| 52) Acenaphthene              | 14.854 | 154  | 65434    | 10.932 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.684 | 138  | 16328    | 9.808  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.883 | 184  | 4561     | 4.716  | ng    | # 69     |
| 55) Dibenzofuran              | 15.189 | 168  | 100679   | 9.453  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.971 | 139  | 11622    | 10.463 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.136 | 165  | 18195    | 6.376  | ng    | 97       |
| 58) Fluorene                  | 15.835 | 166  | 84714    | 9.675  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.406 | 232  | 19807    | 6.496  | ng    | 98       |
| 60) Diethylphthalate          | 15.594 | 149  | 83882    | 9.635  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.823 | 204  | 41575    | 7.233  | ng    | 94       |
| 62) 4-Nitroaniline            | 15.841 | 138  | 17872    | 10.218 | ng    | 93       |
| 63) Azobenzene                | 16.117 | 77   | 80488    | 12.795 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.894 | 198  | 7018     | 4.243  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 16.035 | 169  | 73638    | 11.016 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.722 | 248  | 27304    | 7.261  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.834 | 284  | 31542    | 7.335  | ng    | 97       |
| 69) Atrazine                  | 16.975 | 200  | 23945    | 8.050  | ng    | 98       |
| 70) Pentachlorophenol         | 17.175 | 266  | 14318    | 8.510  | ng    | 91       |
| 71) Phenanthrene              | 17.580 | 178  | 141871   | 10.641 | ng    | 100      |
| 72) Anthracene                | 17.668 | 178  | 137495   | 10.509 | ng    | 98       |
| 73) Carbazole                 | 17.933 | 167  | 123925   | 11.505 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.491 | 149  | 144391   | 11.359 | ng    | 99       |
| 75) Fluoranthene              | 19.584 | 202  | 174155   | 9.582  | ng    | 98       |
| 77) Benzidine                 | 19.760 | 184  | 71008    | 14.273 | ng    | 99       |
| 78) Pyrene                    | 19.942 | 202  | 179354   | 11.379 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.823 | 149  | 55007    | 11.198 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.811 | 228  | 179403   | 10.288 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.716 | 252  | 49573    | 9.141  | ng    | 100      |
| 83) Chrysene                  | 21.875 | 228  | 170245   | 10.334 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.711 | 149  | 83523    | 12.017 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.980 | 149  | 133478   | 11.257 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.078 | 276  | 197610   | 9.392  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.125 | 252  | 166416   | 10.175 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 24.196 | 252  | 169055   | 10.386 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.042 | 252  | 138008   | 9.880  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 29.155 | 278  | 166098   | 9.601  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.289 | 276  | 162804   | 9.535  | ng    | 97       |

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

