

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092822\  
 Data File : BG055031.D  
 Acq On : 28 Sep 2022 12:01  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Quant Time: Sep 28 14:26:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 14:23:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.349  | 152  | 31243    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.181 | 136  | 131804   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.953 | 164  | 94010    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.691 | 188  | 226829   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.986 | 240  | 241913   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.447 | 264  | 261728   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.864  | 112  | 68123    | 42.664  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.468  | 99   | 93285    | 43.587  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.518  | 82   | 79037    | 34.757  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.428 | 330  | 43395    | 39.403  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.584 | 172  | 248899   | 41.725  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.265 | 244  | 495685   | 42.862  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.702  | 88   | 16352    | 21.080  | ng    | # 95     |
| 3) Pyridine                   | 4.113  | 79   | 49239    | 23.359  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 4.025  | 42   | 23566    | 30.641  | ng    | # 84     |
| 6) Aniline                    | 7.656  | 93   | 61836    | 23.100  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.903  | 128  | 39309    | 20.900  | ng    | 96       |
| 9) Benzaldehyde               | 7.474  | 77   | 34684    | 25.438  | ng    | 96       |
| 10) Phenol                    | 7.497  | 94   | 52944    | 22.827  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.750  | 93   | 39159    | 21.348  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.237  | 146  | 47139    | 21.487  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.384  | 146  | 48553    | 21.716  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.708  | 146  | 46593    | 22.116  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.578  | 79   | 40512    | 25.882  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.872  | 45   | 67047    | 29.823  | ng    | 99       |
| 17) 2-Methylphenol            | 8.772  | 107  | 37126    | 22.708  | ng    | 97       |
| 18) Hexachloroethane          | 9.448  | 117  | 15589    | 20.285  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 9.148  | 70   | 37351    | 25.356  | ng    | 96       |
| 20) 3+4-Methylphenols         | 9.095  | 107  | 50720    | 22.178  | ng    | 96       |
| 22) Acetophenone              | 9.172  | 105  | 67219    | 21.579  | ng    | # 99     |
| 24) Nitrobenzene              | 9.559  | 77   | 44455    | 19.512  | ng    | 99       |
| 25) Isophorone                | 10.082 | 82   | 94669    | 21.927  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.282 | 139  | 15634    | 13.033  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.317 | 122  | 36734    | 21.691  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.564 | 93   | 49060    | 20.175  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.811 | 162  | 40379    | 19.974  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 11.034 | 180  | 48313    | 20.738  | ng    | 98       |
| 31) Naphthalene               | 11.234 | 128  | 140026   | 20.318  | ng    | 99       |
| 32) Benzoic acid              | 10.394 | 122  | 19440    | 42.154  | ng    | 96       |
| 33) 4-Chloroaniline           | 11.322 | 127  | 58216    | 20.729  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.510 | 225  | 30901    | 19.971  | ng    | 96       |
| 35) Caprolactam               | 12.068 | 113  | 13687    | 18.580  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.409 | 107  | 45604    | 21.123  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.809 | 142  | 102306   | 20.837  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 13.026 | 142  | 99838    | 20.791  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 13.167 | 216  | 55614    | 20.230  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.149 | 237  | 27161    | 101.584 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.390 | 196  | 35187    | 22.278  | ng    | 96       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.461 | 196  | 40555    | 22.362 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.796 | 154  | 131690   | 20.762 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.843 | 162  | 106914   | 21.561 | ng    | 97       |
| 48) 2-Nitroaniline            | 14.031 | 65   | 23031    | 15.828 | ng    | 95       |
| 49) Acenaphthylene            | 14.683 | 152  | 173510   | 20.706 | ng    | 100      |
| 50) Dimethylphthalate         | 14.395 | 163  | 145297   | 20.410 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.512 | 165  | 22940    | 15.157 | ng    | 98       |
| 52) Acenaphthene              | 15.018 | 154  | 107766   | 20.873 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.842 | 138  | 27517    | 16.758 | ng    | # 92     |
| 54) 2,4-Dinitrophenol         | 15.041 | 184  | 11457    | 31.096 | ng    | # 44     |
| 55) Dibenzofuran              | 15.347 | 168  | 176170   | 21.720 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.118 | 139  | 20966    | 23.018 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.294 | 165  | 30105    | 13.984 | ng    | # 86     |
| 58) Fluorene                  | 15.993 | 166  | 141633   | 20.574 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.564 | 232  | 36482    | 23.868 | ng    | 96       |
| 60) Diethylphthalate          | 15.746 | 149  | 151175   | 21.270 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.981 | 204  | 74691    | 21.473 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.993 | 138  | 30202    | 17.661 | ng    | 91       |
| 63) Azobenzene                | 16.269 | 77   | 142306   | 24.480 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 16.052 | 198  | 16146    | 15.227 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 16.187 | 169  | 127052   | 20.950 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.874 | 248  | 49884    | 19.941 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.992 | 284  | 56785    | 19.761 | ng    | 99       |
| 69) Atrazine                  | 17.121 | 200  | 47813    | 20.771 | ng    | 98       |
| 70) Pentachlorophenol         | 17.327 | 266  | 30674    | 54.332 | ng    | 94       |
| 71) Phenanthrene              | 17.732 | 178  | 245381   | 21.241 | ng    | 97       |
| 72) Anthracene                | 17.820 | 178  | 242857   | 21.551 | ng    | 97       |
| 73) Carbazole                 | 18.079 | 167  | 230017   | 22.292 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.625 | 149  | 275620   | 21.537 | ng    | 98       |
| 75) Fluoranthene              | 19.718 | 202  | 319878   | 21.862 | ng    | 97       |
| 77) Benzidine                 | 19.883 | 184  | 110434   | 18.425 | ng    | 99       |
| 78) Pyrene                    | 20.077 | 202  | 327698   | 20.606 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.952 | 149  | 113708   | 18.401 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.968 | 228  | 320853   | 20.622 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.869 | 252  | 106019   | 19.644 | ng    | 99       |
| 83) Chrysene                  | 22.039 | 228  | 299961   | 20.140 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.863 | 149  | 170021   | 19.182 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.161 | 149  | 279105   | 18.213 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.430 | 276  | 389540   | 20.020 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.342 | 252  | 317382   | 20.559 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 24.419 | 252  | 322440   | 20.690 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.282 | 252  | 269894   | 20.304 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.513 | 278  | 322548   | 20.138 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 30.676 | 276  | 315669   | 19.549 | ng    | # 94     |

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

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