

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102221\  
 Data File : BG050690.D  
 Acq On : 22 Oct 2021 15:15  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:46:55 PM

Quant Time: Oct 22 16:05:08 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.252  | 152  | 51203    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.078 | 136  | 208613   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.874 | 164  | 133341   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 287178   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.919 | 240  | 258318   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.332 | 264  | 262177   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.790  | 112  | 260014   | 75.945 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.394  | 99   | 377058   | 76.067 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.427  | 82   | 373179   | 74.051 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.360 | 330  | 92858    | 73.011 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.499 | 172  | 648075   | 73.149 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.203 | 244  | 1005522  | 75.859 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.658  | 88   | 67344    | 37.979 | ng    | 94       |
| 3) Pyridine                   | 4.069  | 79   | 175779   | 36.288 | ng    | # 94     |
| 4) n-Nitrosodimethylamine     | 3.981  | 42   | 85883    | 37.622 | ng    | # 48     |
| 6) Aniline                    | 7.577  | 93   | 212894   | 36.966 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.812  | 128  | 125901   | 38.193 | ng    | 89       |
| 9) Benzaldehyde               | 7.383  | 77   | 122195   | 38.972 | ng    | 88       |
| 10) Phenol                    | 7.424  | 94   | 181786   | 37.718 | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.665  | 93   | 138306   | 36.767 | ng    | 86       |
| 12) 1,3-Dichlorobenzene       | 8.141  | 146  | 141675   | 37.231 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.287  | 146  | 142037   | 37.025 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.611  | 146  | 133883   | 36.538 | ng    | 94       |
| 15) Benzyl Alcohol            | 8.487  | 79   | 151181   | 38.594 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.775  | 45   | 222764   | 36.311 | ng    | 86       |
| 17) 2-Methylphenol            | 8.687  | 107  | 120500   | 37.998 | ng    | 93       |
| 18) Hexachloroethane          | 9.345  | 117  | 55094    | 37.945 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 9.057  | 70   | 129392   | 35.813 | ng    | # 88     |
| 20) 3+4-Methylphenols         | 9.016  | 107  | 170214   | 38.133 | ng    | 97       |
| 22) Acetophenone              | 9.081  | 105  | 212939   | 35.904 | ng    | # 96     |
| 24) Nitrobenzene              | 9.468  | 77   | 183806   | 36.682 | ng    | 97       |
| 25) Isophorone                | 9.985  | 82   | 322672   | 36.099 | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.185 | 139  | 75265    | 40.907 | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 10.226 | 122  | 118257   | 37.201 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.467 | 93   | 186262   | 36.444 | ng    | 92       |
| 29) 2,4-Dichlorophenol        | 10.714 | 162  | 124229   | 38.343 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.937 | 180  | 138103   | 37.523 | ng    | 92       |
| 31) Naphthalene               | 11.131 | 128  | 411890   | 36.887 | ng    | 98       |
| 32) Benzoic acid              | 10.379 | 122  | 87380    | 37.037 | ng    | # 73     |
| 33) 4-Chloroaniline           | 11.231 | 127  | 168505   | 35.967 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.401 | 225  | 86651    | 37.502 | ng    | 95       |
| 35) Caprolactam               | 12.007 | 113  | 45946    | 37.053 | ng    | # 66     |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107  | 149070   | 36.810 | ng    | # 88     |
| 37) 2-Methylnaphthalene       | 12.718 | 142  | 280012   | 36.344 | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.935 | 142  | 269959   | 36.134 | ng    | 91       |
| 40) 1,2,4,5-Tetrachloroben... | 13.076 | 216  | 146814   | 37.285 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.052 | 237  | 86850    | 38.164 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 13.311 | 196  | 105964   | 38.189 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102221\  
 Data File : BG050690.D  
 Acq On : 22 Oct 2021 15:15  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:46:55 PM

Quant Time: Oct 22 16:05:08 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.381 | 196  | 110907   | 38.231 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.711 | 154  | 358758   | 36.887 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.758 | 162  | 278856   | 37.340 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.957 | 65   | 118622   | 39.929 | ng    | 94       |
| 49) Acenaphthylene            | 14.598 | 152  | 448916   | 36.686 | ng    | 98       |
| 50) Dimethylphthalate         | 14.316 | 163  | 366402   | 36.354 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.445 | 165  | 77478    | 38.380 | ng    | 88       |
| 52) Acenaphthene              | 14.938 | 154  | 287352m  | 36.544 | ng    |          |
| 53) 3-Nitroaniline            | 14.774 | 138  | 90477    | 37.890 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 43511    | 34.743 | ng    | 88       |
| 55) Dibenzofuran              | 15.268 | 168  | 442784   | 36.409 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.068 | 139  | 70350    | 36.625 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 15.226 | 165  | 109313   | 38.417 | ng    | 93       |
| 58) Fluorene                  | 15.914 | 166  | 339733   | 36.370 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232  | 89958    | 35.599 | ng    | 94       |
| 60) Diethylphthalate          | 15.667 | 149  | 378080   | 35.703 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.902 | 204  | 186340   | 36.458 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.937 | 138  | 92991    | 37.430 | ng    | # 66     |
| 63) Azobenzene                | 16.196 | 77   | 437073   | 35.655 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.990 | 198  | 66401    | 38.496 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 302154   | 37.029 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.795 | 248  | 109288   | 37.766 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.919 | 284  | 108577   | 37.751 | ng    | 93       |
| 69) Atrazine                  | 17.054 | 200  | 119674   | 37.231 | ng    | 98       |
| 70) Pentachlorophenol         | 17.259 | 266  | 73119    | 37.345 | ng    | 93       |
| 71) Phenanthrene              | 17.659 | 178  | 555819   | 36.729 | ng    | 99       |
| 72) Anthracene                | 17.753 | 178  | 555140   | 36.916 | ng    | 98       |
| 73) Carbazole                 | 18.017 | 167  | 556987   | 37.163 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.552 | 149  | 679344   | 38.624 | ng    | # 97     |
| 75) Fluoranthene              | 19.656 | 202  | 677670   | 36.429 | ng    | 96       |
| 77) Benzidine                 | 19.827 | 184  | 294727   | 35.202 | ng    | 97       |
| 78) Pyrene                    | 20.021 | 202  | 682159   | 37.220 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.884 | 149  | 317766   | 40.990 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.895 | 228  | 654712   | 38.304 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.801 | 252  | 218103   | 38.502 | ng    | # 96     |
| 83) Chrysene                  | 21.971 | 228  | 614201   | 38.201 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.772 | 149  | 445932   | 40.484 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 23.047 | 149  | 750027   | 40.825 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.263 | 276  | 707136   | 38.724 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 24.245 | 252  | 629669   | 39.216 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 24.316 | 252  | 594585   | 37.641 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.174 | 252  | 526201   | 38.545 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.333 | 278  | 585429   | 38.760 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 30.497 | 276  | 573583   | 38.774 | ng    | # 91     |

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

