

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057238.D  
 Acq On : 29 Apr 2023 5:50  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD020466

Quant Time: May 01 00:28:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.379  | 152  | 14885    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.216 | 136  | 61981    | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.988 | 164  | 51054    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.725 | 188  | 128768   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 22.037 | 240  | 118714   | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 25.544 | 264  | 123924   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.656  | 96   | 2512     | 7.426  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.096  | 84   | 19790    | 18.558 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.509  | 99   | 28661    | 20.360 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.680  | 67   | 16430    | 19.844 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.903  | 132  | 19278    | 20.781 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.078  | 113  | 22646    | 21.167 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.554  | 128  | 10717    | 21.712 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.288 | 143  | 12436    | 21.589 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.828 | 165  | 24693    | 22.219 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.345 | 131  | 33208    | 22.545 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.377 | 166  | 84761    | 20.953 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.688 | 160  | 97472    | 21.438 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.170 | 143  | 11670    | 19.818 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.974 | 176  | 81211    | 21.550 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.086 | 200  | 16221    | 21.261 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.825 | 188  | 129044   | 21.955 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.092 | 212  | 151979   | 21.568 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.297 | 264  | 136686   | 21.649 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.697  | 88   | 2841     | 7.920  | ng/uL  | 86       |
| 5) Pyridine                   | 4.120  | 79   | 21354    | 18.996 | ng/u1  | 93       |
| 6) Benzaldehyde               | 7.504  | 77   | 8729     | 20.303 | ng/u1# | 77       |
| 8) Phenol                     | 7.539  | 94   | 28740    | 20.256 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.774  | 93   | 21306    | 20.064 | ng/u1  | 95       |
| 12) 2-Chlorophenol            | 7.938  | 128  | 20684    | 21.228 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.814  | 108  | 21865    | 19.885 | ng/u1  | 94       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.896  | 45   | 26855    | 19.615 | ng/u1# | 95       |
| 16) Acetophenone              | 9.207  | 105  | 37646    | 20.448 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 9.178  | 70   | 21029    | 19.877 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 9.143  | 108  | 23967    | 20.137 | ng/u1  | 96       |
| 19) Hexachloroethane          | 9.477  | 117  | 9124     | 22.381 | ng/u1  | 95       |
| 22) Nitrobenzene              | 9.595  | 77   | 32283    | 21.964 | ng/u1  | 96       |
| 23) Isophorone                | 10.118 | 82   | 58833    | 21.038 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 10.317 | 139  | 13079    | 22.416 | ng/u1  | 93       |
| 26) 2,4-Dimethylphenol        | 10.359 | 107  | 28505    | 21.536 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.594 | 93   | 30361    | 20.886 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.852 | 162  | 24339    | 23.073 | ng/u1  | 97       |
| 30) Naphthalene               | 11.269 | 128  | 74527    | 21.900 | ng/u1  | 97       |
| 32) 4-Chloroaniline           | 11.369 | 127  | 34300    | 22.349 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.539 | 225  | 20854    | 23.308 | ng/u1  | 96       |
| 34) Caprolactam               | 12.109 | 113  | 8026     | 22.601 | ng/u1  | 90       |
| 35) 4-Chloro-3-methylphenol   | 12.462 | 107  | 27572    | 22.717 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.843 | 142  | 54979    | 22.030 | ng/u1  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057238.D  
 Acq On : 29 Apr 2023 5:50  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD020466

Quant Time: May 01 00:28:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 13.061 | 142  | 55890    | 22.272 | ng/ul# | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 13.202 | 216  | 41057    | 22.130 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 13.178 | 237  | 15553    | 16.799 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.437 | 196  | 24752    | 22.907 | ng/ul  | 91       |
| 42) 2,4,5-Trichlorophenol     | 13.513 | 196  | 27007    | 23.280 | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.824 | 154  | 80688    | 20.713 | ng/ul# | 96       |
| 44) 2-Chloronaphthalene       | 13.877 | 162  | 64841    | 21.467 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 14.071 | 65   | 20487    | 22.467 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.424 | 163  | 85201    | 20.973 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.553 | 165  | 17802    | 21.294 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.717 | 152  | 96883    | 20.969 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.888 | 138  | 12410    | 20.950 | ng/ul  | 98       |
| 52) Acenaphthene              | 15.052 | 153  | 69037    | 20.971 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 15.099 | 184  | 8536     | 19.173 | ng/ul  | 88       |
| 55) 4-Nitrophenol             | 15.187 | 109  | 14307    | 21.433 | ng/ul  | 97       |
| 56) Dibenzofuran              | 15.387 | 168  | 101720   | 21.398 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.340 | 165  | 26341    | 22.009 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.610 | 232  | 24500    | 23.241 | ng/ul# | 98       |
| 59) Diethylphthalate          | 15.769 | 149  | 87404    | 21.177 | ng/ul  | 99       |
| 61) Fluorene                  | 16.027 | 166  | 85747    | 21.331 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 16.010 | 204  | 50645    | 21.586 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 16.045 | 138  | 9756     | 17.391 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 16.104 | 198  | 16554    | 21.293 | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 16.221 | 169  | 72499    | 21.554 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.903 | 248  | 34371    | 22.332 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 17.032 | 284  | 36731    | 22.664 | ng/ul  | 98       |
| 70) Atrazine                  | 17.149 | 200  | 33004    | 22.077 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 17.378 | 266  | 14617    | 19.512 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.772 | 178  | 142999   | 21.325 | ng/ul  | 99       |
| 74) Anthracene                | 17.860 | 178  | 143749   | 21.341 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.801 | 216  | 42589    | 21.990 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 15.305 | 250  | 44023    | 22.331 | ng/uL  | 98       |
| 77) Carbazole                 | 18.125 | 167  | 119202   | 21.176 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.647 | 149  | 138644   | 21.539 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.758 | 202  | 176982   | 21.144 | ng/ul  | 98       |
| 82) Pyrene                    | 20.122 | 202  | 176974   | 20.885 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.974 | 149  | 58809    | 21.672 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.913 | 252  | 63479    | 24.077 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 22.013 | 228  | 180594   | 21.509 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.861 | 149  | 84050    | 21.296 | ng/ul  | 97       |
| 87) Chrysene                  | 22.084 | 228  | 169717   | 21.425 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 23.159 | 149  | 141158   | 20.627 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.416 | 252  | 188485   | 21.964 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 24.492 | 252  | 177740   | 21.289 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.379 | 252  | 156451   | 21.117 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.591 | 276  | 199822   | 21.576 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 29.650 | 278  | 166206   | 21.643 | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 30.866 | 276  | 160268   | 21.383 | ng/ul  | 97       |

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

