

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101223\  
 Data File : BG059433.D  
 Acq On : 12 Oct 2023 12:59  
 Operator : MA/JU  
 Sample : SSTD01044  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010407

Quant Time: Oct 12 14:56:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 12 14:55:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.217  | 152  | 38699    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.061 | 136  | 173610   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.857 | 164  | 105353   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.606 | 188  | 248478   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.907 | 240  | 253316   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.386 | 264  | 282395   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.523  | 96   | 4423     | 4.398  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.958  | 84   | 32817    | 12.182 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.348  | 99   | 34741    | 9.749  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.536  | 67   | 23757    | 11.527 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.736  | 132  | 28306    | 11.196 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.911  | 113  | 27805    | 9.874  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.410  | 128  | 12659    | 10.147 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.133 | 143  | 12442    | 9.699  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.662 | 165  | 28236    | 11.783 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.208 | 131  | 41676    | 10.837 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.246 | 166  | 88531    | 12.013 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.557 | 160  | 108015   | 12.317 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.039 | 143  | 11904    | 9.071  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.844 | 176  | 86026    | 12.379 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.950 | 200  | 11521    | 8.757  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.706 | 188  | 126146   | 11.883 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.980 | 212  | 152246   | 11.853 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.139 | 264  | 155014   | 12.296 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.558  | 88   | 5703     | 5.228  | ng/uL# | 73       |
| 5) Pyridine                   | 3.975  | 79   | 30040    | 10.982 | ng/u1  | 96       |
| 6) Benzaldehyde               | 7.365  | 77   | 21181    | 13.473 | ng/u1# | 80       |
| 8) Phenol                     | 7.377  | 94   | 37445    | 10.449 | ng/u1# | 90       |
| 10) Bis(2-Chloroethyl)ether   | 7.636  | 93   | 31519    | 11.473 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.771  | 128  | 27913    | 10.601 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.652  | 108  | 26508    | 9.905  | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.717  | 45   | 67438    | 11.454 | ng/u1  | 99       |
| 16) Acetophenone              | 9.058  | 105  | 43185    | 10.214 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 9.022  | 70   | 20361    | 9.856  | ng/u1# | 98       |
| 18) 4-Methylphenol            | 8.981  | 108  | 29113    | 9.954  | ng/u1  | 96       |
| 19) Hexachloroethane          | 9.298  | 117  | 12273    | 12.719 | ng/u1# | 76       |
| 22) Nitrobenzene              | 9.463  | 77   | 30176    | 10.956 | ng/u1# | 82       |
| 23) Isophorone                | 9.962  | 82   | 65871    | 11.251 | ng/u1# | 95       |
| 25) 2-Nitrophenol             | 10.174 | 139  | 14240    | 10.583 | ng/u1# | 76       |
| 26) 2,4-Dimethylphenol        | 10.192 | 107  | 31218    | 11.271 | ng/u1  | 87       |
| 27) Bis(2-Chloroethoxy)met... | 10.450 | 93   | 43529    | 12.051 | ng/u1# | 94       |
| 29) 2,4-Dichlorophenol        | 10.691 | 162  | 26384    | 10.826 | ng/u1  | 95       |
| 30) Naphthalene               | 11.108 | 128  | 99087    | 11.498 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 11.232 | 127  | 40574    | 11.269 | ng/u1  | 93       |
| 33) Hexachlorobutadiene       | 11.337 | 225  | 18801    | 12.449 | ng/u1  | 96       |
| 34) Caprolactam               | 12.007 | 113  | 8810     | 10.035 | ng/u1  | 85       |
| 35) 4-Chloro-3-methylphenol   | 12.313 | 107  | 26534    | 10.414 | ng/u1  | 92       |
| 36) 2-Methylnaphthalene       | 12.695 | 142  | 66434    | 11.630 | ng/u1  | 97       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.918 | 142  | 65642    | 11.235 | ng/ul# | 89       |
| 39) 1,2,4,5-Tetrachloroben... | 13.041 | 216  | 33058    | 12.133 | ng/ul# | 96       |
| 40) Hexachlorocyclopentadiene | 12.994 | 237  | 16147    | 10.100 | ng/ul  | 87       |
| 41) 2,4,6-Trichlorophenol     | 13.288 | 196  | 19592    | 10.916 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.288 | 196  | 16129    | 8.267  | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.687 | 154  | 92399    | 12.237 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.740 | 162  | 72907    | 12.777 | ng/ul  | 94       |
| 45) 2-Nitroaniline            | 13.964 | 65   | 17719    | 10.128 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.299 | 163  | 89085    | 11.963 | ng/ul# | 96       |
| 48) 2,6-Dinitrotoluene        | 14.445 | 165  | 14575    | 10.238 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.586 | 152  | 110824   | 11.764 | ng/ul# | 95       |
| 51) 3-Nitroaniline            | 14.780 | 138  | 14752    | 9.881  | ng/ul# | 81       |
| 52) Acenaphthene              | 14.921 | 153  | 76103    | 11.882 | ng/ul  | 91       |
| 53) 2,4-Dinitrophenol         | 14.986 | 184  | 4452     | 4.335  | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 15.062 | 109  | 8352     | 9.344  | ng/ul# | 54       |
| 56) Dibenzofuran              | 15.250 | 168  | 104906   | 11.905 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.221 | 165  | 20640    | 9.906  | ng/ul# | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.462 | 232  | 20652    | 11.513 | ng/ul# | 85       |
| 59) Diethylphthalate          | 15.644 | 149  | 88719    | 12.112 | ng/ul  | 99       |
| 61) Fluorene                  | 15.897 | 166  | 87406    | 11.704 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.879 | 204  | 44428    | 12.152 | ng/ul  | 90       |
| 63) 4-Nitroaniline            | 15.944 | 138  | 15169    | 10.869 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.973 | 198  | 12117    | 8.651  | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 16.102 | 169  | 72202    | 11.948 | ng/ul  | 93       |
| 68) 4-Bromophenyl-phenylether | 16.778 | 248  | 27309    | 11.930 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.872 | 284  | 31732    | 12.104 | ng/ul  | 98       |
| 70) Atrazine                  | 17.036 | 200  | 27060    | 11.291 | ng/ul  | 93       |
| 71) Pentachlorophenol         | 17.230 | 266  | 13422    | 9.269  | ng/ul# | 87       |
| 72) Phenanthrene              | 17.648 | 178  | 153968   | 12.020 | ng/ul  | 99       |
| 74) Anthracene                | 17.742 | 178  | 161790   | 12.455 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.652 | 216  | 36147    | 12.740 | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 15.150 | 250  | 35190    | 12.123 | ng/ul  | 96       |
| 77) Carbazole                 | 18.018 | 167  | 131020   | 12.069 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.523 | 149  | 154193   | 12.066 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.645 | 202  | 182336   | 11.439 | ng/ul# | 97       |
| 82) Pyrene                    | 20.009 | 202  | 193179   | 11.502 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.861 | 149  | 61070    | 10.282 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.801 | 252  | 61865    | 11.261 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.890 | 228  | 196643   | 11.827 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.713 | 149  | 90734    | 10.303 | ng/ul  | 94       |
| 87) Chrysene                  | 21.960 | 228  | 183102   | 11.809 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 23.006 | 149  | 146552   | 10.183 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.252 | 252  | 189778   | 12.004 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.334 | 252  | 193650   | 11.966 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.215 | 252  | 184225   | 12.280 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.387 | 276  | 166796   | 9.668  | ng/ul# | 93       |
| 95) Dibenzo(a,h)anthracene    | 29.469 | 278  | 93765    | 6.762  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 30.662 | 276  | 85229    | 6.175  | ng/ul# | 90       |

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

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