

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080421\  
 Data File : BG049637.D  
 Acq On : 4 Aug 2021 14:32  
 Operator : CG/JU  
 Sample : SST08019  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 15:08:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 04 13:55:58 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.042  | 152  | 30058    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.862 | 136  | 125960   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.692 | 164  | 83596    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.447 | 188  | 180542   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.730 | 240  | 166146   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.008 | 264  | 168950   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.425  | 96   | 20339    | 30.957 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.848  | 84   | 154710   | 81.984 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.202  | 99   | 215831   | 81.158 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.367  | 67   | 120680   | 80.123 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.572  | 132  | 160255   | 84.066 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.759  | 113  | 166033   | 82.828 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 9.217  | 128  | 80630    | 83.259 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.940  | 143  | 95796    | 84.415 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.486 | 165  | 173566   | 84.094 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.003 | 131  | 224775   | 78.142 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.099 | 166  | 517402   | 80.799 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.393 | 160  | 612190   | 82.310 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.904 | 143  | 84370    | 80.006 | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.691 | 176  | 441131   | 79.963 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.820 | 200  | 100151   | 89.519 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.447 | 188  | 180542   | 21.516 | ng/ul  | -0.09    |
| 81) Pyrene-d10                | 19.832 | 212  | 726199   | 85.480 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.784 | 264  | 744574   | 83.850 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.460  | 88   | 20825    | 23.190 | ng/uL  | 90       |
| 5) Pyridine                   | 3.866  | 79   | 169291   | 83.868 | ng/ul  | 95       |
| 6) Benzaldehyde               | 7.173  | 77   | 114891   | 72.400 | ng/ul# | 82       |
| 8) Phenol                     | 7.226  | 94   | 214908   | 82.725 | ng/ul# | 92       |
| 10) Bis(2-Chloroethyl)ether   | 7.461  | 93   | 144656   | 80.824 | ng/ul  | 92       |
| 12) 2-Chlorophenol            | 7.608  | 128  | 157178   | 85.644 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.483  | 108  | 162783   | 82.214 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.577  | 45   | 163650   | 78.026 | ng/ul# | 93       |
| 16) Acetophenone              | 8.877  | 105  | 269062   | 83.398 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.871  | 70   | 142144   | 85.442 | ng/ul  | 92       |
| 18) 4-Methylphenol            | 8.824  | 108  | 173874   | 83.474 | ng/ul  | 84       |
| 19) Hexachloroethane          | 9.129  | 117  | 70867    | 85.715 | ng/ul  | 91       |
| 22) Nitrobenzene              | 9.258  | 77   | 229190   | 79.263 | ng/ul  | 99       |
| 23) Isophorone                | 9.793  | 82   | 393914   | 81.300 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.975  | 139  | 92604    | 86.710 | ng/ul# | 91       |
| 26) 2,4-Dimethylphenol        | 10.028 | 107  | 210806   | 82.822 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.263 | 93   | 197186   | 81.597 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.510 | 162  | 159421   | 79.014 | ng/ul  | 96       |
| 30) Naphthalene               | 10.915 | 128  | 507749   | 78.257 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 11.027 | 127  | 214736   | 78.479 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.197 | 225  | 128332   | 83.194 | ng/ul  | 97       |
| 34) Caprolactam               | 11.808 | 113  | 25541    | 37.221 | ng/ul  | 94       |
| 35) 4-Chloro-3-methylphenol   | 12.149 | 107  | 189636   | 83.534 | ng/ul  | 92       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080421\  
 Data File : BG049637.D  
 Acq On : 4 Aug 2021 14:32  
 Operator : CG/JU  
 Sample : SST08019  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 15:08:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 04 13:55:58 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.525 | 142  | 385606   | 81.202  | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.742 | 142  | 379086   | 79.000  | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.889 | 216  | 208891   | 84.074  | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.865 | 237  | 139133   | 92.936  | ng/ul  | 91       |
| 41) 2,4,6-Trichlorophenol     | 13.130 | 196  | 138923   | 90.986  | ng/ul# | 92       |
| 42) 2,4,5-Trichlorophenol     | 13.206 | 196  | 143141   | 87.784  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.529 | 154  | 481071   | 80.812  | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.576 | 162  | 380998   | 82.248  | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.776 | 65   | 142657   | 86.779  | ng/ul  | 98       |
| 47) Dimethylphthalate         | 14.146 | 163  | 493988   | 79.326  | ng/ul  | 97       |
| 48) 2,6-Dinitrotoluene        | 14.275 | 165  | 106529   | 85.718  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.422 | 152  | 567117   | 79.844  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.604 | 138  | 95026    | 76.664  | ng/ul# | 88       |
| 52) Acenaphthene              | 14.763 | 153  | 405437   | 79.588  | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.810 | 184  | 67128    | 108.413 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.921 | 109  | 113044   | 79.055  | ng/ul  | 95       |
| 56) Dibenzofuran              | 15.098 | 168  | 552004   | 80.249  | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.062 | 165  | 147418   | 83.682  | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.321 | 232  | 127513   | 86.172  | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.509 | 149  | 503454   | 78.116  | ng/ul  | 96       |
| 61) Fluorene                  | 15.750 | 166  | 449246   | 76.932  | ng/ul  | 93       |
| 62) 4-Chlorophenyl-phenyle... | 15.732 | 204  | 247273   | 81.345  | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.773 | 138  | 89190    | 72.562  | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.832 | 198  | 90881    | 88.246  | ng/ul# | 96       |
| 67) N-Nitrosodiphenylamine    | 15.949 | 169  | 387325   | 81.860  | ng/ul  | 95       |
| 68) 4-Bromophenyl-phenylether | 16.631 | 248  | 170663   | 84.896  | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.754 | 284  | 188364   | 82.816  | ng/ul  | 95       |
| 70) Atrazine                  | 16.901 | 200  | 161160   | 74.576  | ng/ul  | 91       |
| 71) Pentachlorophenol         | 17.101 | 266  | 101164   | 96.060  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.494 | 178  | 722436   | 76.864  | ng/ul  | 99       |
| 74) Anthracene                | 17.582 | 178  | 708996   | 74.440  | ng/ul  | 95       |
| 75) 1,2,3,4-Tetrachloroben... | 13.494 | 216  | 212465   | 86.605  | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 15.015 | 250  | 224428   | 86.463  | ng/ul  | 96       |
| 77) Carbazole                 | 17.853 | 167  | 643534   | 75.575  | ng/ul  | 96       |
| 78) Di-n-butylphthalate       | 18.399 | 149  | 788491   | 74.464  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.497 | 202  | 872101   | 84.542  | ng/ul  | 99       |
| 82) Pyrene                    | 19.868 | 202  | 831992   | 81.235  | ng/ul  | 100      |
| 83) Butylbenzylphthalate      | 20.737 | 149  | 350375   | 87.870  | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.624 | 252  | 294039   | 77.023  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.712 | 228  | 827700   | 81.482  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.601 | 149  | 506886   | 85.658  | ng/ul  | 99       |
| 87) Chrysene                  | 21.777 | 228  | 777492   | 79.967  | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.834 | 149  | 831226   | 83.698  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.968 | 252  | 886575   | 83.723  | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 24.038 | 252  | 846821   | 81.711  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.867 | 252  | 756579   | 82.356  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.773 | 276  | 991264   | 84.567  | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.838 | 278  | 818865   | 84.419  | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.960 | 276  | 820656   | 84.209  | ng/ul  | 97       |

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

Instrument :  
BNA\_G  
ClientSampleId :

Quant Time: Aug 04 15:08:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 04 13:55:58 2021  
Response via : Initial Calibration

