

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032458.D  
 Acq On : 12 Oct 2021 14:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020074

Quant Time: Oct 12 15:13:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 12 09:54:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.607  | 152  | 265968   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.401 | 136  | 1222851  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.260 | 164  | 831939   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.983 | 188  | 1722618  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.153 | 240  | 1680871  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.300 | 264  | 1737335  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 2.954  | 96   | 47826    | 7.209  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.384  | 84   | 356982   | 19.049 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.801  | 99   | 436547   | 19.302 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.937  | 67   | 255465   | 19.673 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.148  | 132  | 343530   | 19.894 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.342  | 113  | 362415   | 19.840 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.766  | 128  | 174537   | 20.229 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.489  | 143  | 192449   | 20.693 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.031 | 165  | 372736   | 20.133 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.536 | 131  | 521677   | 19.104 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.666 | 166  | 1147641  | 19.933 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.948 | 160  | 1424987  | 20.373 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.466 | 143  | 216709   | 19.166 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.248 | 176  | 970156   | 19.868 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.365 | 200  | 187649   | 19.114 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.083 | 188  | 1508383  | 20.116 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.371 | 212  | 1683784  | 19.912 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.159 | 264  | 1754001  | 20.160 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 2.990  | 88   | 50982    | 7.061  | ng/uL  | 99       |
| 5) Pyridine                   | 3.402  | 79   | 349928   | 18.881 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.737  | 77   | 271451   | 25.497 | ng/u1  | 99       |
| 8) Phenol                     | 6.825  | 94   | 448304   | 19.567 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.031  | 93   | 354866   | 19.684 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.178  | 128  | 357807   | 20.057 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.072  | 108  | 349315   | 19.882 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.148  | 45   | 445741   | 19.966 | ng/u1  | 99       |
| 16) Acetophenone              | 8.431  | 105  | 572296   | 21.385 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.419  | 70   | 293144   | 22.185 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.401  | 108  | 385502   | 20.934 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.695  | 117  | 146577   | 20.654 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.807  | 77   | 404585   | 19.751 | ng/u1  | 97       |
| 23) Isophorone                | 9.325  | 82   | 830879   | 21.024 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.519  | 139  | 208833   | 20.550 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.595  | 107  | 437061   | 20.115 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.813  | 93   | 519282   | 19.813 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.060 | 162  | 364610   | 20.006 | ng/u1  | 98       |
| 30) Naphthalene               | 10.448 | 128  | 1219849  | 19.464 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.560 | 127  | 530753   | 19.359 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.754 | 225  | 227091   | 19.314 | ng/u1  | 98       |
| 34) Caprolactam               | 11.301 | 113  | 128907   | 19.621 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.701 | 107  | 416531   | 20.770 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.066 | 142  | 854813   | 20.054 | ng/u1  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032458.D  
 Acq On : 12 Oct 2021 14:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020074

Quant Time: Oct 12 15:13:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 12 09:54:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.289 | 142  | 875419   | 20.168 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.448 | 216  | 447671   | 19.515 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.436 | 237  | 261167   | 19.538 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.689 | 196  | 303020   | 20.626 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.760 | 196  | 331189   | 20.543 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.089 | 154  | 1177129  | 19.735 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.124 | 162  | 887435   | 19.521 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.330 | 65   | 254854   | 20.992 | ng/ul | 93       |
| 47) Dimethylphthalate         | 13.713 | 163  | 1143828  | 19.836 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.824 | 165  | 228170   | 21.233 | ng/ul | 96       |
| 50) Acenaphthylene            | 13.977 | 152  | 1500250  | 20.272 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.154 | 138  | 244791   | 21.793 | ng/ul | 98       |
| 52) Acenaphthene              | 14.324 | 153  | 962055   | 19.687 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.360 | 184  | 124399   | 17.998 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.483 | 109  | 173788   | 19.045 | ng/ul | 95       |
| 56) Dibenzofuran              | 14.654 | 168  | 1400648  | 19.778 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.613 | 165  | 331871   | 20.894 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.889 | 232  | 283576   | 21.659 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.077 | 149  | 1151453  | 20.017 | ng/ul | 100      |
| 61) Fluorene                  | 15.301 | 166  | 1102744  | 20.265 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.295 | 204  | 551828   | 20.077 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.318 | 138  | 250286   | 24.104 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.383 | 198  | 186884   | 19.368 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.507 | 169  | 981055   | 20.412 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.183 | 248  | 335699   | 20.220 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.318 | 284  | 378934   | 19.815 | ng/ul | 99       |
| 70) Atrazine                  | 16.454 | 200  | 361012   | 19.874 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.654 | 266  | 235517   | 20.430 | ng/ul | 99       |
| 72) Phenanthrene              | 17.030 | 178  | 1783302  | 20.057 | ng/ul | 100      |
| 74) Anthracene                | 17.118 | 178  | 1821188  | 20.391 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.060 | 216  | 476780   | 19.713 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.589 | 250  | 476440   | 19.835 | ng/ul | 99       |
| 77) Carbazole                 | 17.383 | 167  | 1656205  | 20.792 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 17.942 | 149  | 1959692  | 21.295 | ng/ul | 100      |
| 80) Fluoranthene              | 19.036 | 202  | 2089788  | 20.030 | ng/ul | 99       |
| 82) Pyrene                    | 19.400 | 202  | 2150441  | 20.063 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.289 | 149  | 873838   | 21.485 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.071 | 252  | 688710   | 22.597 | ng/ul | 97       |
| 85) Benzo(a)anthracene        | 21.136 | 228  | 2008933  | 19.819 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.059 | 149  | 1235855  | 21.858 | ng/ul | 99       |
| 87) Chrysene                  | 21.189 | 228  | 1996403  | 20.003 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 21.906 | 149  | 2218015  | 22.416 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.659 | 252  | 2187761  | 20.698 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.700 | 252  | 1904607  | 19.867 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.206 | 252  | 2008574  | 20.085 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.418 | 276  | 2086463  | 18.876 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 25.424 | 278  | 1809345  | 19.076 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.071 | 276  | 1753866  | 18.132 | ng/ul | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032458.D  
 Acq On : 12 Oct 2021 14:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020074

Quant Time: Oct 12 15:13:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 12 09:54:27 2021  
 Response via : Initial Calibration

