

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM034987.D  
 Acq On : 11 May 2022 16:18  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020122

Quant Time: May 12 03:28:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 218247   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136  | 947202   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.551 | 164  | 576880   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 1030006  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.468 | 240  | 755593   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.850 | 264  | 730723   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.363  | 96   | 46048    | 8.827  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.775  | 84   | 303326   | 21.095 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99   | 411173   | 21.778 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.251  | 67   | 259644   | 21.909 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.451  | 132  | 340945   | 22.980 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 341923   | 22.212 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.075  | 128  | 166161   | 22.888 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.804  | 143  | 184341   | 23.542 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.339 | 165  | 339717   | 23.182 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.857 | 131  | 457279   | 21.916 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.963 | 166  | 967320   | 22.234 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.245 | 160  | 1266206  | 22.937 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.739 | 143  | 154562   | 20.792 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.539 | 176  | 800218   | 21.802 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200  | 132431   | 20.404 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.392 | 188  | 1118561  | 22.321 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.680 | 212  | 1059027  | 22.446 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.697 | 264  | 867963   | 22.727 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.399  | 88   | 44716    | 8.609  | ng/uL  | 93       |
| 5) Pyridine                   | 3.799  | 79   | 319255   | 21.037 | ng/u1  | 99       |
| 6) Benzaldehyde               | 7.057  | 77   | 269827   | 25.607 | ng/u1  | 99       |
| 8) Phenol                     | 7.110  | 94   | 413615   | 22.008 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.340  | 93   | 326696   | 21.961 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.487  | 128  | 344213   | 22.749 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.363  | 108  | 316166   | 22.194 | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 527895   | 21.705 | ng/u1  | 99       |
| 16) Acetophenone              | 8.739  | 105  | 526709   | 22.044 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.734  | 70   | 285993   | 22.441 | ng/u1  | 94       |
| 18) 4-Methylphenol            | 8.692  | 108  | 345134   | 22.176 | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.004  | 117  | 144619   | 22.530 | ng/u1  | 92       |
| 22) Nitrobenzene              | 9.122  | 77   | 402496   | 22.342 | ng/u1  | 98       |
| 23) Isophorone                | 9.651  | 82   | 754636   | 22.798 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.833  | 139  | 197817   | 23.512 | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.898  | 107  | 401972   | 22.845 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.133 | 93   | 452225   | 22.040 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 330135   | 23.157 | ng/u1  | 97       |
| 30) Naphthalene               | 10.775 | 128  | 1096011  | 22.025 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.880 | 127  | 459434   | 22.002 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.069 | 225  | 214185   | 22.922 | ng/u1  | 98       |
| 34) Caprolactam               | 11.645 | 113  | 93072    | 21.833 | ng/u1  | 94       |
| 35) 4-Chloro-3-methylphenol   | 12.004 | 107  | 348642   | 22.749 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.380 | 142  | 762840   | 22.172 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.598 | 142  | 772424   | 22.201 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 387835   | 22.859 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.739 | 237  | 251332   | 21.358 | ng/ul  | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.986 | 196  | 255434   | 23.648 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.057 | 196  | 272091   | 23.514 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.392 | 154  | 1020220  | 22.260 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.433 | 162  | 787479   | 22.562 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.627 | 65   | 224854   | 22.693 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 14.010 | 163  | 950898   | 22.122 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.121 | 165  | 187971   | 23.024 | ng/ul  | 89       |
| 50) Acenaphthylene            | 14.274 | 152  | 1247349  | 22.491 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.451 | 138  | 139500   | 18.660 | ng/ul# | 92       |
| 52) Acenaphthene              | 14.616 | 153  | 815285   | 21.994 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.651 | 184  | 95615    | 20.076 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.751 | 109  | 136911   | 20.945 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.951 | 168  | 1119338  | 21.925 | ng/ul  | 95       |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 260134   | 22.589 | ng/ul  | 91       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.174 | 232  | 206549   | 22.766 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.374 | 149  | 947565   | 21.522 | ng/ul  | 99       |
| 61) Fluorene                  | 15.598 | 166  | 907911   | 21.739 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 445054   | 21.939 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 116445   | 17.500 | ng/ul  | 87       |
| 66) 4,6-Dinitro-2-methylph... | 15.668 | 198  | 133672   | 20.800 | ng/ul  | 93       |
| 67) N-Nitrosodiphenylamine    | 15.804 | 169  | 757286   | 22.837 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.486 | 248  | 246130   | 22.980 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 275591   | 22.740 | ng/ul  | 97       |
| 70) Atrazine                  | 16.757 | 200  | 250314   | 21.236 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.945 | 266  | 159895   | 21.255 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.333 | 178  | 1275738  | 22.020 | ng/ul  | 99       |
| 74) Anthracene                | 17.427 | 178  | 1302951  | 22.236 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 390421   | 23.687 | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 14.874 | 250  | 353758   | 23.431 | ng/ul  | 99       |
| 77) Carbazole                 | 17.692 | 167  | 1106109  | 21.471 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.268 | 149  | 1358059  | 21.258 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.345 | 202  | 1272096  | 22.428 | ng/ul# | 96       |
| 82) Pyrene                    | 19.709 | 202  | 1286427  | 22.210 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.609 | 149  | 507382   | 21.897 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.386 | 252  | 302233   | 21.197 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.450 | 228  | 1094681  | 22.299 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 724851   | 21.112 | ng/ul  | 98       |
| 87) Chrysene                  | 21.503 | 228  | 1058521  | 22.142 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.309 | 149  | 1141120  | 18.759 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.127 | 252  | 1079070  | 21.984 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.174 | 252  | 1031763  | 22.075 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.744 | 252  | 1056345  | 22.575 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.315 | 276  | 1242893  | 23.220 | ng/ul# | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.338 | 278  | 1057829  | 23.051 | ng/ul# | 96       |
| 96) Benzo(g,h,i)perylene      | 27.074 | 276  | 1046573  | 23.538 | ng/ul# | 94       |

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

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