

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012521\  
 Data File : BM028535.D  
 Acq On : 25 Jan 2021 18:43  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020019

Quant Time: Jan 25 19:19:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 25 12:52:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 27511    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.810 | 136  | 110087   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 63172    | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.362 | 188  | 125991   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.497 | 240  | 122862   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.768 | 264  | 121986   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 5403     | 8.24  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 38736    | 20.67 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.145  | 99   | 47538    | 20.63 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.316  | 67   | 29119    | 19.99 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.516  | 132  | 41534    | 21.09 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 39281    | 20.97 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.163  | 128  | 19374    | 21.51 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.886  | 143  | 21582    | 22.25 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.428 | 165  | 38963    | 21.38 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.945 | 131  | 53975    | 22.15 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.039 | 166  | 105115   | 20.76 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.333 | 160  | 131035   | 21.25 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.827 | 143  | 19741    | 22.21 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.621 | 176  | 89961    | 21.12 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200  | 17510    | 21.63 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.462 | 188  | 134483   | 21.47 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.733 | 212  | 141195   | 20.23 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.627 | 264  | 146613   | 21.88 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.310  | 88   | 5685     | 8.10  | ng/uL  | 94       |
| 5) Pyridine                   | 3.740  | 79   | 38708    | 20.60 | ng/ul  | 97       |
| 6) Benzaldehyde               | 7.122  | 77   | 14794    | 16.02 | ng/ul  | 99       |
| 8) Phenol                     | 7.175  | 94   | 47985    | 20.56 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.410  | 93   | 39376    | 20.28 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.551  | 128  | 41956    | 20.99 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.439  | 108  | 37360    | 21.01 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.522  | 45   | 63044    | 18.96 | ng/ul# | 97       |
| 16) Acetophenone              | 8.828  | 105  | 59144    | 20.62 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.810  | 70   | 29295    | 20.65 | ng/ul  | 91       |
| 18) 4-Methylphenol            | 8.769  | 108  | 39828    | 20.94 | ng/ul  | 98       |
| 19) Hexachloroethane          | 9.075  | 117  | 18026    | 20.44 | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.210  | 77   | 45671    | 20.62 | ng/ul  | 96       |
| 23) Isophorone                | 9.733  | 82   | 81550    | 21.15 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.922  | 139  | 23470    | 22.34 | ng/ul  | 94       |
| 26) 2,4-Dimethylphenol        | 9.975  | 107  | 43938    | 21.28 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.216 | 93   | 51943    | 20.70 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.451 | 162  | 38020    | 21.56 | ng/ul  | 100      |
| 30) Naphthalene               | 10.857 | 128  | 132472   | 21.06 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.969 | 127  | 52455    | 22.12 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.133 | 225  | 24610    | 20.58 | ng/ul  | 100      |
| 34) Caprolactam               | 11.745 | 113  | 11766    | 22.69 | ng/ul  | 99       |
| 35) 4-Chloro-3-methylphenol   | 12.086 | 107  | 39411    | 21.89 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.463 | 142  | 90982    | 21.48 | ng/ul  | 100      |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.680 | 142  | 86444    | 21.20 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.827 | 216  | 44554    | 20.53 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.804 | 237  | 19741    | 17.68 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.069 | 196  | 28794    | 21.23 | ng/ul | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.139 | 196  | 30925    | 21.22 | ng/ul | 97       |
| 43) 1,1'-Biphenyl             | 13.469 | 154  | 114461   | 20.70 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.516 | 162  | 89560    | 20.79 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.721 | 65   | 25373    | 21.33 | ng/ul | 90       |
| 47) Dimethylphthalate         | 14.086 | 163  | 108253   | 20.88 | ng/ul | 98       |
| 48) 2,6-Dinitrotoluene        | 14.216 | 165  | 22559    | 22.02 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.357 | 152  | 135218   | 21.44 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.539 | 138  | 17523    | 18.81 | ng/ul | 99       |
| 52) Acenaphthene              | 14.698 | 153  | 95688    | 21.05 | ng/ul | 97       |
| 53) 2,4-Dinitrophenol         | 14.757 | 184  | 11649    | 20.80 | ng/ul | 92       |
| 55) 4-Nitrophenol             | 14.845 | 109  | 15147    | 21.36 | ng/ul | 91       |
| 56) Dibenzofuran              | 15.033 | 168  | 128684   | 21.13 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.998 | 165  | 31594    | 22.90 | ng/ul | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232  | 25399    | 21.44 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.445 | 149  | 108523   | 20.34 | ng/ul | 100      |
| 61) Fluorene                  | 15.680 | 166  | 108378   | 21.39 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.668 | 204  | 52313    | 20.70 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.698 | 138  | 13558    | 16.69 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.762 | 198  | 18693    | 21.51 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.880 | 169  | 89124    | 21.03 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 31458    | 20.50 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.674 | 284  | 35766    | 20.57 | ng/ul | 98       |
| 70) Atrazine                  | 16.821 | 200  | 31805    | 20.29 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.015 | 266  | 19822    | 20.16 | ng/ul | 94       |
| 72) Phenanthrene              | 17.404 | 178  | 164372   | 21.31 | ng/ul | 100      |
| 74) Anthracene                | 17.498 | 178  | 170321   | 21.72 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.439 | 216  | 43579    | 20.16 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.951 | 250  | 42579    | 20.15 | ng/uL | 98       |
| 77) Carbazole                 | 17.762 | 167  | 145747   | 21.96 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.309 | 149  | 185873   | 20.31 | ng/ul | 100      |
| 80) Fluoranthene              | 19.403 | 202  | 184374   | 19.95 | ng/ul | 100      |
| 82) Pyrene                    | 19.762 | 202  | 190526   | 20.12 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.639 | 149  | 83642    | 19.48 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.415 | 252  | 52722    | 20.84 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.486 | 228  | 177068   | 21.08 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.397 | 149  | 124392   | 18.71 | ng/ul | 100      |
| 87) Chrysene                  | 21.533 | 228  | 171735   | 21.00 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.280 | 149  | 212615   | 18.53 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.086 | 252  | 182307   | 21.81 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.133 | 252  | 171734   | 21.07 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.674 | 252  | 164196   | 21.70 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.085 | 276  | 198548   | 22.22 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.091 | 278  | 168880   | 22.23 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 26.791 | 276  | 166949   | 22.17 | ng/ul | 98       |

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

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