

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121523\  
 Data File : BM043353.D  
 Acq On : 15 Dec 2023 12:15  
 Operator : MA/JU  
 Sample : SSTD00575  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD005041

Quant Time: Dec 15 14:26:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 15 14:02:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 353830   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.798 | 136  | 1639647  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.621 | 164  | 982631   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.362 | 188  | 1895019  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.538 | 240  | 1336989  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.962 | 264  | 1297031  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 24826    | 2.538  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/u1  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/u1  |          |
| 11) 2-Chlorophenol-d4         | 7.516  | 132  | 165761   | 5.817  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 9.163  | 128  | 83517    | 5.649  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.880  | 143  | 83346    | 5.752  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.416 | 165  | 150812   | 4.914  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 14.039 | 166  | 481822   | 5.423  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.315 | 160  | 558714   | 5.396  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.609 | 176  | 396801   | 5.197  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.462 | 188  | 563615   | 5.320  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.750 | 212  | 540276   | 5.908  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.803 | 264  | 418500   | 5.339  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 27733    | 2.602  | ng/uL  | 95       |
| 12) 2-Chlorophenol            | 7.545  | 128  | 170738   | 5.912  | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.804  | 70   | 157997   | 6.060  | ng/u1  | 97       |
| 19) Hexachloroethane          | 9.069  | 117  | 73636    | 6.005  | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.204  | 77   | 210909   | 5.874  | ng/u1  | 98       |
| 23) Isophorone                | 9.727  | 82   | 442463   | 5.906  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.916  | 139  | 89929    | 5.702  | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.969  | 107  | 147204   | 4.829  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.216 | 93   | 264034   | 5.948  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.445 | 162  | 149766   | 5.042  | ng/u1  | 99       |
| 30) Naphthalene               | 10.851 | 128  | 580181   | 5.547  | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.121 | 225  | 76709    | 4.307  | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.080 | 107  | 178593   | 5.603  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.457 | 142  | 393345   | 5.306  | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.674 | 142  | 400180   | 5.320  | ng/u1  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 158114   | 4.741  | ng/u1  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.057 | 196  | 109986   | 5.169  | ng/u1  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.127 | 196  | 116151   | 5.043  | ng/u1  | 99       |
| 43) 1,1'-Biphenyl             | 13.463 | 154  | 509116   | 5.610  | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.504 | 162  | 393436   | 5.593  | ng/u1  | 99       |
| 45) 2-Nitroaniline            | 13.710 | 65   | 122319   | 6.240  | ng/u1  | 94       |
| 47) Dimethylphthalate         | 14.086 | 163  | 482903   | 5.536  | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.210 | 165  | 82891    | 5.110  | ng/u1  | 94       |
| 50) Acenaphthylene            | 14.345 | 152  | 652248   | 5.555  | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.686 | 153  | 435462   | 5.621 | ng/ul | 100      |
| 56) Dibenzofuran              | 15.021 | 168  | 566892   | 5.424 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.992 | 165  | 121781   | 5.283 | ng/ul | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232  | 89212    | 4.752 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.445 | 149  | 495869   | 5.648 | ng/ul | 99       |
| 61) Fluorene                  | 15.668 | 166  | 478750   | 5.337 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.662 | 204  | 203530   | 4.712 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.880 | 169  | 386329   | 5.739 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.562 | 248  | 118418   | 5.057 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.656 | 284  | 136826   | 4.953 | ng/ul | 93       |
| 72) Phenanthrene              | 17.409 | 178  | 694798   | 5.634 | ng/ul | 99       |
| 74) Anthracene                | 17.498 | 178  | 696137   | 5.608 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.421 | 216  | 157622   | 5.058 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.933 | 250  | 157233   | 5.005 | ng/uL | 97       |
| 78) Di-n-butylphthalate       | 18.339 | 149  | 769195   | 5.778 | ng/ul | 99       |
| 80) Fluoranthene              | 19.415 | 202  | 676753   | 6.373 | ng/ul | 99       |
| 82) Pyrene                    | 19.780 | 202  | 703746   | 6.369 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.686 | 149  | 294081   | 6.505 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.527 | 228  | 598936   | 5.638 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.462 | 149  | 414071   | 6.004 | ng/ul | 97       |
| 87) Chrysene                  | 21.580 | 228  | 537135   | 5.643 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.221 | 252  | 517922   | 5.393 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.274 | 252  | 526082   | 5.525 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.850 | 252  | 471384   | 5.311 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.479 | 276  | 552983   | 5.432 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.503 | 278  | 455593   | 5.366 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 27.250 | 276  | 437631   | 5.649 | ng/ul | 98       |

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

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