

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011524\  
 Data File : BP019365.D  
 Acq On : 15 Jan 2024 10:09  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020748

Quant Time: Jan 15 11:46:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 09 03:05:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 113361   | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.569 | 136  | 465293   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.422 | 164  | 336717   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 869585   | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.280 | 240  | 940175   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.633 | 264  | 998053   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.217  | 96   | 20627    | 6.881  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 156381   | 18.039 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 185716   | 17.141 | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.116  | 67   | 116669   | 18.003 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.310  | 132  | 133541   | 17.942 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 149299   | 17.369 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 8.940  | 128  | 69574    | 17.773 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.663  | 143  | 80859    | 17.778 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.198 | 165  | 165831   | 18.047 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 205494   | 17.704 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.839 | 166  | 519395   | 17.460 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 550267   | 17.256 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 76725    | 16.796 | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.416 | 176  | 454492   | 18.661 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200  | 103316   | 16.093 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.275 | 188  | 767875   | 17.705 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.522 | 212  | 996310   | 16.251 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.480 | 264  | 960104   | 17.692 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 22943    | 7.388  | ng/uL  | 97       |
| 5) Pyridine                   | 3.652  | 79   | 156611   | 17.784 | ng/u1# | 87       |
| 6) Benzaldehyde               | 6.922  | 77   | 107351   | 22.727 | ng/u1  | 95       |
| 8) Phenol                     | 6.987  | 94   | 192184   | 17.607 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.210  | 93   | 153302   | 17.509 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.340  | 128  | 137380   | 17.858 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.234  | 108  | 143848   | 17.570 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.299  | 45   | 195109   | 18.728 | ng/u1  | 98       |
| 16) Acetophenone              | 8.604  | 105  | 252389   | 18.433 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.593  | 70   | 133868   | 18.765 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.563  | 108  | 156393   | 17.943 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.840  | 117  | 59802    | 17.211 | ng/u1  | 94       |
| 22) Nitrobenzene              | 8.987  | 77   | 207563   | 18.954 | ng/u1  | 98       |
| 23) Isophorone                | 9.510  | 82   | 379234   | 17.864 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.693  | 139  | 86243    | 18.051 | ng/u1  | 92       |
| 26) 2,4-Dimethylphenol        | 9.763  | 107  | 188381   | 18.287 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.993  | 93   | 215275   | 17.631 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.228 | 162  | 161668   | 18.256 | ng/u1  | 98       |
| 30) Naphthalene               | 10.616 | 128  | 470922   | 17.961 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.746 | 127  | 202330   | 17.817 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.893 | 225  | 137377   | 17.981 | ng/u1  | 99       |
| 34) Caprolactam               | 11.540 | 113  | 48952    | 17.627 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.881 | 107  | 185527   | 18.871 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.234 | 142  | 348633   | 18.275 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.457 | 142  | 345788   | 18.526 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 251314   | 17.223 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.575 | 237  | 142102   | 15.174 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.857 | 196  | 153205   | 17.062 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.934 | 196  | 165414   | 17.190 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.251 | 154  | 473496   | 17.022 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.292 | 162  | 379517   | 16.871 | ng/ul | 97       |
| 45) 2-Nitroaniline            | 13.516 | 65   | 121392   | 18.814 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.887 | 163  | 521449   | 17.637 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.016 | 165  | 105985   | 18.129 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.139 | 152  | 609505   | 17.451 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.345 | 138  | 91334    | 17.911 | ng/ul | 95       |
| 52) Acenaphthene              | 14.481 | 153  | 407388   | 17.802 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.563 | 184  | 59916    | 15.630 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.669 | 109  | 89214    | 18.085 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.822 | 168  | 604561   | 18.452 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 160114   | 19.519 | ng/ul | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232  | 166347   | 19.472 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.251 | 149  | 513574   | 18.563 | ng/ul | 99       |
| 61) Fluorene                  | 15.469 | 166  | 501797   | 18.698 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 299992   | 18.732 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.510 | 138  | 78785    | 19.929 | ng/ul | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198  | 111628   | 16.405 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.686 | 169  | 435298   | 16.981 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.363 | 248  | 203613   | 17.142 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.475 | 284  | 235499   | 17.204 | ng/ul | 98       |
| 70) Atrazine                  | 16.651 | 200  | 189890   | 16.994 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.828 | 266  | 141795   | 16.678 | ng/ul | 97       |
| 72) Phenanthrene              | 17.222 | 178  | 862736   | 17.662 | ng/ul | 99       |
| 74) Anthracene                | 17.310 | 178  | 880597   | 17.784 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.216 | 216  | 244025   | 15.156 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.739 | 250  | 258725   | 16.542 | ng/uL | 98       |
| 77) Carbazole                 | 17.592 | 167  | 753814   | 17.894 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.145 | 149  | 899439   | 17.840 | ng/ul | 99       |
| 80) Fluoranthene              | 19.198 | 202  | 1153294  | 15.915 | ng/ul | 99       |
| 82) Pyrene                    | 19.551 | 202  | 1194064  | 16.235 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 416362   | 16.500 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 391836   | 18.356 | ng/ul | 97       |
| 85) Benzo(a)anthracene        | 21.269 | 228  | 1271557  | 17.374 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 617204   | 17.040 | ng/ul | 99       |
| 87) Chrysene                  | 21.316 | 228  | 1164043  | 17.399 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.098 | 149  | 1061088  | 15.576 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.915 | 252  | 1226976  | 17.203 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.963 | 252  | 1203960  | 17.400 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.527 | 252  | 1129264  | 17.620 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.068 | 276  | 1210796  | 15.974 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.086 | 278  | 997815   | 15.902 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.821 | 276  | 966846   | 15.884 | ng/ul | 99       |

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

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