

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010824\  
 Data File : BP019303.D  
 Acq On : 08 Jan 2024 19:35  
 Operator : MA/JU  
 Sample : SST02078  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST020646

Quant Time: Jan 09 01:56:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 09 01:51:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 130833   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.581 | 136  | 498139   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 311548   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 663273   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 593293   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.639 | 264  | 698255   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.222  | 96   | 28627    | 7.473  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 205770   | 21.401 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 247830   | 21.123 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 154737   | 22.797 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 180018   | 19.032 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 192956   | 21.124 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 89797    | 20.853 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 104532   | 22.462 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 207426   | 22.072 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.728 | 131  | 242758   | 21.001 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 578800   | 21.033 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 649345   | 21.747 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 78115    | 16.810 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.422 | 176  | 468868   | 19.722 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 200  | 92748    | 21.330 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.286 | 188  | 695758   | 20.086 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.528 | 212  | 792484   | 21.917 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.486 | 264  | 782980   | 19.508 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.258  | 88   | 30898    | 7.336  | ng/uL  | 100      |
| 5) Pyridine                   | 3.664  | 79   | 210206   | 21.538 | ng/u1  | 100      |
| 6) Benzaldehyde               | 6.934  | 77   | 139504   | 25.608 | ng/u1  | 100      |
| 8) Phenol                     | 6.999  | 94   | 250136   | 21.584 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.216  | 93   | 207128   | 22.090 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.352  | 128  | 186577   | 19.273 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.246  | 108  | 183946   | 21.457 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.310  | 45   | 251667   | 22.752 | ng/u1  | 100      |
| 16) Acetophenone              | 8.616  | 105  | 315639   | 23.072 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.599  | 70   | 166350   | 24.385 | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.575  | 108  | 199120   | 21.578 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.852  | 117  | 84263    | 20.751 | ng/u1  | 100      |
| 22) Nitrobenzene              | 8.993  | 77   | 252772   | 24.027 | ng/u1  | 100      |
| 23) Isophorone                | 9.522  | 82   | 468161   | 24.678 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.704  | 139  | 111435   | 22.426 | ng/u1  | 100      |
| 26) 2,4-Dimethylphenol        | 9.775  | 107  | 233893   | 26.737 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.004 | 93   | 275238   | 21.951 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.240 | 162  | 200586   | 21.842 | ng/u1  | 100      |
| 30) Naphthalene               | 10.628 | 128  | 593581   | 19.764 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.757 | 127  | 236552   | 21.327 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.904 | 225  | 176481   | 24.971 | ng/u1  | 100      |
| 34) Caprolactam               | 11.546 | 113  | 52158    | 21.502 | ng/u1  | 100      |
| 35) 4-Chloro-3-methylphenol   | 11.893 | 107  | 212257   | 23.546 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.246 | 142  | 423700   | 20.924 | ng/u1  | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.463 | 142  | 412364   | 20.194 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.616 | 216  | 306526   | 23.889 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.587 | 237  | 179982   | 25.271 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.863 | 196  | 186191   | 24.315 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.945 | 196  | 196378   | 24.159 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.263 | 154  | 574744   | 21.148 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.304 | 162  | 466720   | 21.402 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.522 | 65   | 130188   | 24.868 | ng/ul | 100      |
| 47) Dimethylphthalate         | 13.893 | 163  | 579681   | 21.340 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.022 | 165  | 114528   | 22.945 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.151 | 152  | 711346   | 21.174 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.351 | 138  | 96291    | 19.733 | ng/ul | 100      |
| 52) Acenaphthene              | 14.492 | 153  | 445315   | 19.558 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.569 | 184  | 58979    | 18.341 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.681 | 109  | 84687    | 22.804 | ng/ul | 100      |
| 56) Dibenzofuran              | 14.828 | 168  | 638776   | 19.645 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 152197   | 20.733 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 159733   | 22.492 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.257 | 149  | 514755   | 19.545 | ng/ul | 100      |
| 61) Fluorene                  | 15.481 | 166  | 509953   | 19.595 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.475 | 204  | 302807   | 21.306 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.522 | 138  | 75140    | 15.305 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.575 | 198  | 100213   | 21.767 | ng/ul | 100      |
| 67) N-Nitrosodiphenylamine    | 15.698 | 169  | 428866   | 21.186 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.375 | 248  | 194795   | 23.629 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.481 | 284  | 219315   | 21.769 | ng/ul | 100      |
| 70) Atrazine                  | 16.657 | 200  | 169123   | 29.604 | ng/ul | 100      |
| 71) Pentachlorophenol         | 16.839 | 266  | 123593   | 20.895 | ng/ul | 100      |
| 72) Phenanthrene              | 17.228 | 178  | 790881   | 19.676 | ng/ul | 100      |
| 74) Anthracene                | 17.316 | 178  | 799893   | 19.989 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.222 | 216  | 292899   | 25.398 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.745 | 250  | 268466   | 23.427 | ng/uL | 100      |
| 77) Carbazole                 | 17.598 | 167  | 652227   | 19.595 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.151 | 149  | 787075   | 19.066 | ng/ul | 100      |
| 80) Fluoranthene              | 19.204 | 202  | 942582   | 22.718 | ng/ul | 100      |
| 82) Pyrene                    | 19.557 | 202  | 944804   | 21.734 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.433 | 149  | 315075   | 20.291 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.210 | 252  | 296868   | 20.002 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.269 | 228  | 963767   | 20.560 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 454042   | 19.857 | ng/ul | 100      |
| 87) Chrysene                  | 21.322 | 228  | 876348   | 20.049 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.104 | 149  | 773787   | 19.379 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.921 | 252  | 972621   | 19.831 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.968 | 252  | 963633   | 19.995 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.539 | 252  | 918129   | 19.889 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.086 | 276  | 1210535  | 20.456 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.098 | 278  | 998990   | 20.293 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.833 | 276  | 982478   | 20.717 | ng/ul | 100      |

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

