

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011023\  
 Data File : BP013420.D  
 Acq On : 10 Jan 2023 09:21  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020741

Quant Time: Jan 10 23:18:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010523.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 06 01:03:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 480727   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.728 | 136  | 1940052  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.563 | 164  | 1209716  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.321 | 188  | 2624584  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.409 | 240  | 2698039  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.874 | 264  | 3055309  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.310  | 96   | 94019    | 7.602  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 647506   | 18.771 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.075  | 99   | 738134   | 18.504 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.245  | 67   | 510801   | 20.298 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.445  | 132  | 592863   | 19.929 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 571690   | 18.811 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.087  | 128  | 271690   | 19.668 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.810  | 143  | 300828   | 19.894 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.345 | 165  | 590623   | 19.599 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.869 | 131  | 776429   | 18.289 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.969 | 166  | 1674545  | 19.000 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 1900662  | 19.482 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.763 | 143  | 274982   | 17.045 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.557 | 176  | 1465852  | 18.829 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200  | 293299   | 17.624 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.421 | 188  | 2248852  | 19.385 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.657 | 212  | 2736214  | 18.640 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.709 | 264  | 2814724  | 18.755 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.346  | 88   | 101363   | 7.442  | ng/uL  | 99       |
| 5) Pyridine                   | 3.757  | 79   | 651568   | 18.679 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.051  | 77   | 299793   | 19.705 | ng/u1  | 95       |
| 8) Phenol                     | 7.104  | 94   | 766669   | 18.577 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.340  | 93   | 651964   | 19.979 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.475  | 128  | 605725   | 19.546 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.363  | 108  | 546857   | 18.452 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.445  | 45   | 1053160  | 20.914 | ng/u1  | 98       |
| 16) Acetophenone              | 8.745  | 105  | 940192   | 19.602 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.728  | 70   | 478178   | 20.852 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.692  | 108  | 614206   | 18.854 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.998  | 117  | 257736   | 20.641 | ng/u1  | 95       |
| 22) Nitrobenzene              | 9.128  | 77   | 711821   | 19.742 | ng/u1  | 99       |
| 23) Isophorone                | 9.657  | 82   | 1253410  | 19.864 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.839  | 139  | 326249   | 19.844 | ng/u1  | 95       |
| 26) 2,4-Dimethylphenol        | 9.898  | 107  | 657524   | 19.170 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.134 | 93   | 843861   | 20.237 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.375 | 162  | 586030   | 19.437 | ng/u1  | 99       |
| 30) Naphthalene               | 10.781 | 128  | 1953337  | 18.927 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.892 | 127  | 791993   | 18.555 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 431233   | 19.918 | ng/u1  | 98       |
| 34) Caprolactam               | 11.681 | 113  | 143787   | 16.030 | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.016 | 107  | 560909   | 19.277 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.386 | 142  | 1281293  | 19.413 | ng/u1  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011023\  
 Data File : BP013420.D  
 Acq On : 10 Jan 2023 09:21  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020741

Quant Time: Jan 10 23:18:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010523.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 06 01:03:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.604 | 142  | 1315098  | 19.209 | ng/u1 | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 788196   | 19.005 | ng/u1 | 99       |
| 40) Hexachlorocyclopentadiene | 12.728 | 237  | 459450   | 18.415 | ng/u1 | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.992 | 196  | 473191   | 19.396 | ng/u1 | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.069 | 196  | 508117   | 19.139 | ng/u1 | 98       |
| 43) 1,1'-Biphenyl             | 13.392 | 154  | 1768121  | 19.252 | ng/u1 | 100      |
| 44) 2-Chloronaphthalene       | 13.439 | 162  | 1389774  | 18.753 | ng/u1 | 100      |
| 45) 2-Nitroaniline            | 13.645 | 65   | 346365   | 19.313 | ng/u1 | 98       |
| 47) Dimethylphthalate         | 14.016 | 163  | 1686781  | 19.156 | ng/u1 | 99       |
| 48) 2,6-Dinitrotoluene        | 14.139 | 165  | 296183   | 19.424 | ng/u1 | 96       |
| 50) Acenaphthylene            | 14.286 | 152  | 2076294  | 19.311 | ng/u1 | 100      |
| 51) 3-Nitroaniline            | 14.474 | 138  | 256303   | 15.869 | ng/u1 | 97       |
| 52) Acenaphthene              | 14.627 | 153  | 1442030  | 18.739 | ng/u1 | 100      |
| 53) 2,4-Dinitrophenol         | 14.680 | 184  | 177881   | 15.672 | ng/u1 | 99       |
| 55) 4-Nitrophenol             | 14.780 | 109  | 214131   | 17.463 | ng/u1 | 100      |
| 56) Dibenzofuran              | 14.963 | 168  | 2056945  | 18.611 | ng/u1 | 99       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 440293   | 19.425 | ng/u1 | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 440218   | 19.008 | ng/u1 | 94       |
| 59) Diethylphthalate          | 15.380 | 149  | 1603590  | 19.457 | ng/u1 | 99       |
| 61) Fluorene                  | 15.610 | 166  | 1672886  | 18.962 | ng/u1 | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 891623   | 19.354 | ng/u1 | 96       |
| 63) 4-Nitroaniline            | 15.633 | 138  | 244299   | 16.360 | ng/u1 | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 295594   | 17.995 | ng/u1 | 96       |
| 67) N-Nitrosodiphenylamine    | 15.821 | 169  | 1370491  | 19.307 | ng/u1 | 99       |
| 68) 4-Bromophenyl-phenylether | 16.504 | 248  | 534400   | 19.657 | ng/u1 | 98       |
| 69) Hexachlorobenzene         | 16.621 | 284  | 624325   | 19.046 | ng/u1 | 98       |
| 70) Atrazine                  | 16.780 | 200  | 509136   | 18.762 | ng/u1 | 99       |
| 71) Pentachlorophenol         | 16.968 | 266  | 347428   | 17.807 | ng/u1 | 99       |
| 72) Phenanthrene              | 17.363 | 178  | 2633856  | 18.876 | ng/u1 | 100      |
| 74) Anthracene                | 17.457 | 178  | 2652207  | 19.243 | ng/u1 | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.363 | 216  | 773379   | 19.512 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.880 | 250  | 749786   | 19.430 | ng/uL | 98       |
| 77) Carbazole                 | 17.727 | 167  | 2265289  | 18.975 | ng/u1 | 99       |
| 78) Di-n-butylphthalate       | 18.268 | 149  | 2594101  | 22.157 | ng/u1 | 99       |
| 80) Fluoranthene              | 19.327 | 202  | 3132148  | 18.642 | ng/u1 | 100      |
| 82) Pyrene                    | 19.680 | 202  | 3345603  | 18.793 | ng/u1 | 97       |
| 83) Butylbenzylphthalate      | 20.551 | 149  | 1150794  | 21.303 | ng/u1 | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.327 | 252  | 997188   | 20.055 | ng/u1 | 99       |
| 85) Benzo(a)anthracene        | 21.392 | 228  | 3407201  | 19.069 | ng/u1 | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 1773033  | 23.563 | ng/u1 | 100      |
| 87) Chrysene                  | 21.451 | 228  | 3301438  | 18.957 | ng/u1 | 99       |
| 89) Di-n-octyl phthalate      | 22.251 | 149  | 2984547  | 22.790 | ng/u1 | 100      |
| 90) Benzo(b)fluoranthene      | 23.115 | 252  | 3686057  | 19.077 | ng/u1 | 100      |
| 91) Benzo(k)fluoranthene      | 23.168 | 252  | 3430056  | 18.604 | ng/u1 | 100      |
| 93) Benzo(a)pyrene            | 23.762 | 252  | 3204176  | 18.887 | ng/u1 | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.444 | 276  | 4358407  | 18.541 | ng/u1 | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.456 | 278  | 3650865  | 18.618 | ng/u1 | 99       |
| 96) Benzo(g,h,i)perylene      | 27.233 | 276  | 3538334  | 18.301 | ng/u1 | 98       |

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

