

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010824\  
 Data File : BP019301.D  
 Acq On : 08 Jan 2024 17:19  
 Operator : MA/JU  
 Sample : SSTD00576  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD005644

Quant Time: Jan 09 02:58:21 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  | 128832   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.581 | 136  | 513051   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 380912   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 877058   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 724307   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.645 | 264  | 770263   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.223  | 96   | 6755     | 1.791  | 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         | 7.322  | 132  | 36794    | 3.950  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 18577    | 4.189  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 19637    | 4.097  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 43386    | 4.483  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 154234   | 4.584  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 157326   | 4.309  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.422 | 176  | 128341   | 4.415  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.286 | 188  | 197715   | 4.317  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.528 | 212  | 222933   | 5.050  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.492 | 264  | 182464   | 4.121  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.258  | 88   | 6358     | 1.533  | ng/uL# | 95       |
| 12) 2-Chlorophenol            | 7.352  | 128  | 38030    | 3.989  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.599  | 70   | 37333    | 5.558  | ng/u1# | 92       |
| 19) Hexachloroethane          | 8.852  | 117  | 18277    | 4.571  | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.993  | 77   | 52233    | 4.821  | ng/u1  | 98       |
| 23) Isophorone                | 9.516  | 82   | 106900   | 5.471  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.705  | 139  | 21546    | 4.210  | ng/u1  | 92       |
| 26) 2,4-Dimethylphenol        | 9.775  | 107  | 50408    | 5.595  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.005 | 93   | 62679    | 4.854  | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.246 | 162  | 42217    | 4.464  | ng/u1  | 98       |
| 30) Naphthalene               | 10.628 | 128  | 132479   | 4.283  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.904 | 225  | 39135    | 5.376  | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.899 | 107  | 48180    | 5.189  | ng/u1  | 94       |
| 36) 2-Methylnaphthalene       | 12.246 | 142  | 97592    | 4.679  | ng/u1  | 100      |
| 37) 1-Methylnaphthalene       | 12.463 | 142  | 97158    | 4.620  | ng/u1  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.616 | 216  | 71726    | 4.572  | ng/u1  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.869 | 196  | 41818    | 4.467  | ng/u1  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.946 | 196  | 45085    | 4.536  | ng/u1  | 98       |
| 43) 1,1'-Biphenyl             | 13.263 | 154  | 140612   | 4.232  | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.304 | 162  | 112302   | 4.212  | ng/u1  | 98       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 28272    | 4.417  | ng/u1  | 97       |
| 47) Dimethylphthalate         | 13.893 | 163  | 152875   | 4.603  | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.022 | 165  | 25530    | 4.183  | ng/u1  | 90       |
| 50) Acenaphthylene            | 14.151 | 152  | 176229   | 4.290  | ng/u1  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010824\  
 Data File : BP019301.D  
 Acq On : 08 Jan 2024 17:19  
 Operator : MA/JU  
 Sample : SST00576  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST005644

Quant Time: Jan 09 02:58:21 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) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.493 | 153  | 117547   | 4.223 | ng/ul | 99       |
| 56) Dibenzofuran              | 14.828 | 168  | 174042   | 4.378 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 38732    | 4.315 | ng/ul | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 41394    | 4.767 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.257 | 149  | 146784   | 4.558 | ng/ul | 99       |
| 61) Fluorene                  | 15.481 | 166  | 142023   | 4.463 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.475 | 204  | 85658    | 4.929 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.698 | 169  | 120300   | 4.494 | ng/ul | 98       |
| 68) 4-Bromophenyl-phenylether | 16.375 | 248  | 54848    | 5.031 | ng/ul | 93       |
| 69) Hexachlorobenzene         | 16.487 | 284  | 64050    | 4.808 | ng/ul | 98       |
| 72) Phenanthrene              | 17.228 | 178  | 224896   | 4.231 | ng/ul | 99       |
| 74) Anthracene                | 17.316 | 178  | 229603   | 4.339 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.222 | 216  | 70604    | 4.630 | ng/uL | 97       |
| 76) Pentachlorobenzene        | 14.745 | 250  | 72645    | 4.794 | ng/uL | 99       |
| 78) Di-n-butylphthalate       | 18.151 | 149  | 221918   | 4.065 | ng/ul | 99       |
| 80) Fluoranthene              | 19.204 | 202  | 265834   | 5.248 | ng/ul | 99       |
| 82) Pyrene                    | 19.557 | 202  | 275086   | 5.183 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.439 | 149  | 86030    | 4.538 | ng/ul | 92       |
| 85) Benzo(a)anthracene        | 21.275 | 228  | 266504   | 4.657 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 127027   | 4.551 | ng/ul | 97       |
| 87) Chrysene                  | 21.327 | 228  | 248607   | 4.659 | ng/ul | 99       |
| 90) Benzo(b)fluoranthene      | 22.927 | 252  | 254311   | 4.700 | ng/ul | 98       |
| 91) Benzo(k)fluoranthene      | 22.974 | 252  | 244974   | 4.608 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.539 | 252  | 228192   | 4.481 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.086 | 276  | 276874   | 4.241 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.104 | 278  | 231041   | 4.254 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.839 | 276  | 227488   | 4.349 | ng/ul | 99       |

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

