

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041923\  
 Data File : BP014745.D  
 Acq On : 19 Apr 2023 23:57  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020679

Quant Time: Apr 20 03:58:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.152  | 152  | 251635   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.981 | 136  | 1031768  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.781 | 164  | 637711   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.534 | 188  | 1408991  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.604 | 240  | 1421125  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.174 | 264  | 1583210  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.487  | 96   | 54118    | 8.548  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.917  | 84   | 379084   | 21.992 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.287  | 99   | 450313   | 20.698 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.469  | 67   | 270065   | 20.121 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.675  | 132  | 357101   | 22.101 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.852  | 113  | 353658   | 20.851 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.322  | 128  | 162734   | 25.171 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.052 | 143  | 162592   | 27.844 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.587 | 165  | 354193   | 22.339 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.105 | 131  | 509643   | 21.060 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.181 | 166  | 1050815  | 20.810 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.475 | 160  | 1241983  | 21.224 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.951 | 143  | 193566   | 24.100 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.769 | 176  | 902878   | 20.838 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 136864   | 24.003 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.628 | 188  | 1439925  | 21.154 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.845 | 212  | 1698174  | 20.860 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.010 | 264  | 1723509  | 21.004 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.523  | 88   | 57630    | 8.428  | ng/uL  | 96       |
| 5) Pyridine                   | 3.934  | 79   | 384409   | 22.227 | ng/u1  | 93       |
| 6) Benzaldehyde               | 7.275  | 77   | 261099   | 24.263 | ng/u1  | 96       |
| 8) Phenol                     | 7.316  | 94   | 469630   | 20.680 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.564  | 93   | 374191   | 20.322 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.705  | 128  | 371334   | 21.977 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.581  | 108  | 350404   | 20.616 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.687  | 45   | 457280   | 19.451 | ng/u1  | 98       |
| 16) Acetophenone              | 8.981  | 105  | 585146   | 20.740 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.963  | 70   | 274796   | 20.025 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.916  | 108  | 383116   | 20.744 | ng/u1  | 97       |
| 19) Hexachloroethane          | 9.252  | 117  | 149837   | 21.052 | ng/u1  | 93       |
| 22) Nitrobenzene              | 9.363  | 77   | 403652   | 22.977 | ng/u1  | 98       |
| 23) Isophorone                | 9.893  | 82   | 804984   | 20.294 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 10.081 | 139  | 188624   | 27.196 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 10.128 | 107  | 412693   | 21.340 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.375 | 93   | 499847   | 20.339 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.616 | 162  | 351390   | 21.958 | ng/u1  | 98       |
| 30) Naphthalene               | 11.034 | 128  | 1206053  | 20.857 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.134 | 127  | 515343   | 21.021 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.316 | 225  | 230101   | 20.328 | ng/u1  | 96       |
| 34) Caprolactam               | 11.887 | 113  | 110280   | 22.758 | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.234 | 107  | 362831   | 21.694 | ng/u1  | 95       |
| 36) 2-Methylnaphthalene       | 12.622 | 142  | 790345   | 20.474 | ng/u1  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041923\  
 Data File : BP014745.D  
 Acq On : 19 Apr 2023 23:57  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020679

Quant Time: Apr 20 03:58:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.840 | 142  | 790784   | 20.663 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.987 | 216  | 446455   | 20.804 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.969 | 237  | 256309   | 21.108 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.216 | 196  | 275432   | 22.660 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.287 | 196  | 307240   | 23.365 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.622 | 154  | 1071984  | 20.730 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.663 | 162  | 851331   | 21.069 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.857 | 65   | 204097   | 26.683 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 14.228 | 163  | 1057597  | 20.793 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.345 | 165  | 184863   | 26.647 | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.504 | 152  | 1330224  | 20.974 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.675 | 138  | 203706   | 25.816 | ng/ul# | 95       |
| 52) Acenaphthene              | 14.845 | 153  | 910909   | 21.065 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol         | 14.875 | 184  | 85051    | 25.337 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.963 | 109  | 152275   | 23.113 | ng/ul  | 94       |
| 56) Dibenzofuran              | 15.181 | 168  | 1267650  | 20.829 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.128 | 165  | 273599   | 26.878 | ng/ul  | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.398 | 232  | 258895   | 23.185 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.587 | 149  | 1040167  | 21.076 | ng/ul  | 99       |
| 61) Fluorene                  | 15.828 | 166  | 1056166  | 21.260 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.816 | 204  | 523020   | 20.589 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.834 | 138  | 222962   | 28.271 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.892 | 198  | 143387   | 23.622 | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 16.028 | 169  | 882341   | 21.015 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.716 | 248  | 323607   | 20.493 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.834 | 284  | 373018   | 20.359 | ng/ul  | 100      |
| 70) Atrazine                  | 16.975 | 200  | 318836   | 21.381 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 17.169 | 266  | 216866   | 21.744 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.575 | 178  | 1655868  | 20.852 | ng/ul  | 100      |
| 74) Anthracene                | 17.663 | 178  | 1705438  | 21.184 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.587 | 216  | 455142   | 20.687 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 15.098 | 250  | 443801   | 20.451 | ng/ul  | 98       |
| 77) Carbazole                 | 17.922 | 167  | 1542840  | 21.831 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.463 | 149  | 1727374  | 21.529 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.516 | 202  | 1980477  | 20.910 | ng/ul  | 99       |
| 82) Pyrene                    | 19.869 | 202  | 2090115  | 20.854 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.728 | 149  | 664136   | 24.272 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.510 | 252  | 697100   | 21.910 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.586 | 228  | 2109784  | 21.358 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.492 | 149  | 1054728  | 22.851 | ng/ul  | 100      |
| 87) Chrysene                  | 21.639 | 228  | 1990061  | 21.280 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.474 | 149  | 1735300  | 20.258 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.380 | 252  | 2186893  | 21.205 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.439 | 252  | 2125384  | 20.606 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 24.063 | 252  | 1948391  | 21.272 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.892 | 276  | 2539460  | 21.302 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.915 | 278  | 2121889  | 21.254 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.733 | 276  | 2031534  | 21.307 | ng/ul  | 98       |

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

