

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
 Data File : BP014000.D  
 Acq On : 09 Mar 2023 04:34  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020770

Quant Time: Mar 10 00:12:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 09 01:10:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 131093   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.904 | 136  | 543334   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.716 | 164  | 360723   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.475 | 188  | 931520   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.551 | 240  | 1118430  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.086 | 264  | 1256588  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.434  | 96   | 29546    | 8.516  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.869  | 84   | 193155   | 20.106 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99   | 236554   | 20.448 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.399  | 67   | 142426   | 21.110 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.605  | 132  | 182284   | 20.681 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.787  | 113  | 197140   | 20.862 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.252  | 128  | 93284    | 21.518 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143  | 110762   | 21.344 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.522 | 165  | 206944   | 21.193 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.040 | 131  | 265749   | 20.565 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 615018   | 20.090 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.410 | 160  | 687216   | 21.191 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.910 | 143  | 111934   | 20.748 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.710 | 176  | 555182   | 21.398 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.828 | 200  | 134007   | 19.034 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.569 | 188  | 946324   | 20.927 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 1265545  | 20.516 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.921 | 264  | 1413235  | 21.143 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.470  | 88   | 30270    | 8.081  | ng/uL  | 91       |
| 5) Pyridine                   | 3.887  | 79   | 192904   | 19.801 | ng/u1  | 96       |
| 6) Benzaldehyde               | 7.210  | 77   | 144834   | 25.161 | ng/u1  | 100      |
| 8) Phenol                     | 7.258  | 94   | 247632   | 20.757 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.493  | 93   | 191987   | 21.005 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.640  | 128  | 185595   | 20.900 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.522  | 108  | 184680   | 20.818 | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.610  | 45   | 213986   | 21.679 | ng/u1  | 98       |
| 16) Acetophenone              | 8.910  | 105  | 324237   | 21.240 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.893  | 70   | 168185   | 21.535 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.852  | 108  | 205366   | 21.047 | ng/u1  | 95       |
| 19) Hexachloroethane          | 9.169  | 117  | 80620    | 20.729 | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.299  | 77   | 252421   | 21.766 | ng/u1  | 99       |
| 23) Isophorone                | 9.822  | 82   | 476305   | 21.328 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 10.010 | 139  | 114683   | 21.442 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 10.063 | 107  | 253282   | 21.635 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.304 | 93   | 268514   | 20.786 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.546 | 162  | 199916   | 20.755 | ng/u1  | 97       |
| 30) Naphthalene               | 10.957 | 128  | 616124   | 20.650 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.063 | 127  | 267381   | 20.563 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.234 | 225  | 154087   | 20.103 | ng/u1  | 96       |
| 34) Caprolactam               | 11.846 | 113  | 35033    | 11.202 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.175 | 107  | 231870   | 20.818 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.551 | 142  | 416359   | 19.896 | ng/u1  | 99       |

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 ClientSampleId :  
 SSTD020770

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.769 | 142  | 417168   | 19.833 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.916 | 216  | 272337   | 20.878 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.893 | 237  | 174194   | 18.649 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.151 | 196  | 170691   | 20.830 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.228 | 196  | 187599   | 20.861 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.551 | 154  | 584259   | 21.038 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.598 | 162  | 472619   | 21.427 | ng/ul | 98       |
| 45) 2-Nitroaniline            | 13.804 | 65   | 140322   | 21.510 | ng/ul | 98       |
| 47) Dimethylphthalate         | 14.169 | 163  | 631574   | 20.843 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.292 | 165  | 126659   | 21.142 | ng/ul | 97       |
| 50) Acenaphthylene            | 14.440 | 152  | 726217   | 21.338 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.622 | 138  | 115079   | 21.695 | ng/ul | 99       |
| 52) Acenaphthene              | 14.781 | 153  | 494171   | 20.770 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.828 | 184  | 84050    | 18.787 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.928 | 109  | 126168   | 21.651 | ng/ul | 95       |
| 56) Dibenzofuran              | 15.116 | 168  | 719175   | 20.777 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.081 | 165  | 187550   | 20.953 | ng/ul | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.339 | 232  | 191945   | 22.310 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.528 | 149  | 676077   | 21.997 | ng/ul | 100      |
| 61) Fluorene                  | 15.763 | 166  | 626244   | 21.827 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.751 | 204  | 341005   | 21.533 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.787 | 138  | 131135   | 24.051 | ng/ul | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.845 | 198  | 133093   | 19.815 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.969 | 169  | 548939   | 20.865 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.651 | 248  | 234370   | 20.812 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.775 | 284  | 283125   | 21.335 | ng/ul | 99       |
| 70) Atrazine                  | 16.922 | 200  | 234152   | 20.635 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.116 | 266  | 174467   | 20.113 | ng/ul | 99       |
| 72) Phenanthrene              | 17.516 | 178  | 1057510  | 20.814 | ng/ul | 100      |
| 74) Anthracene                | 17.604 | 178  | 1095892  | 21.273 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.522 | 216  | 276118   | 19.314 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 15.034 | 250  | 292276   | 19.681 | ng/ul | 98       |
| 77) Carbazole                 | 17.875 | 167  | 968227   | 21.308 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.404 | 149  | 1191426  | 20.980 | ng/ul | 99       |
| 80) Fluoranthene              | 19.469 | 202  | 1433040  | 20.382 | ng/ul | 99       |
| 82) Pyrene                    | 19.822 | 202  | 1519551  | 20.718 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.674 | 149  | 601887   | 20.352 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.457 | 252  | 597700   | 20.876 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.533 | 228  | 1646018  | 20.924 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 896758   | 20.282 | ng/ul | 100      |
| 87) Chrysene                  | 21.586 | 228  | 1567423  | 20.907 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.398 | 149  | 1572945  | 19.838 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.304 | 252  | 1799516  | 21.491 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.357 | 252  | 1690150  | 21.168 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.974 | 252  | 1546820  | 21.239 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.756 | 276  | 1952597  | 20.253 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.774 | 278  | 1619660  | 20.213 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.580 | 276  | 1532131  | 19.882 | ng/ul | 99       |

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

