

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071123\  
 Data File : BP016187.D  
 Acq On : 11 Jul 2023 18:17  
 Operator : MA/JU  
 Sample : SSTD04098  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD040642

Quant Time: Jul 12 01:18:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 12 00:24:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 172237   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.781 | 136  | 815386   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.616 | 164  | 518395   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.381 | 188  | 1150639  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.474 | 240  | 1114895  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.986 | 264  | 1297121  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 74046    | 15.467 | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 488897   | 40.513 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.146  | 99   | 652199   | 44.256 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67   | 429557   | 47.114 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 500078   | 44.953 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.699  | 113  | 542071   | 46.562 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 9.152  | 128  | 254769   | 40.884 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.881  | 143  | 290459   | 39.937 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.428 | 165  | 511264   | 39.448 | ng/ul | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.951 | 131  | 729409   | 43.812 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 14.028 | 166  | 1640084  | 40.933 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.310 | 160  | 1852380  | 41.126 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 226285   | 42.796 | ng/ul | -0.02    |
| 60) Fluorene-d10              | 15.616 | 176  | 1346232  | 40.805 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.787 | 200  | 289175   | 40.865 | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.486 | 188  | 2108364  | 40.114 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.716 | 212  | 2511557  | 34.499 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.810 | 264  | 2640333  | 40.352 | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.322  | 88   | 82852    | 16.082 | ng/uL | 97       |
| 5) Pyridine                   | 3.752  | 79   | 521612   | 41.318 | ng/ul | 97       |
| 6) Benzaldehyde               | 7.116  | 77   | 445186   | 74.719 | ng/ul | 98       |
| 8) Phenol                     | 7.169  | 94   | 697281   | 45.595 | ng/ul | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.387  | 93   | 573020   | 47.094 | ng/ul | 97       |
| 12) 2-Chlorophenol            | 7.522  | 128  | 507695   | 42.957 | ng/ul | 98       |
| 13) 2-Methylphenol            | 8.428  | 108  | 529478   | 45.857 | ng/ul | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487  | 45   | 924602   | 55.636 | ng/ul | 98       |
| 16) Acetophenone              | 8.810  | 105  | 873430   | 45.640 | ng/ul | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.781  | 70   | 501098   | 47.144 | ng/ul | 99       |
| 18) 4-Methylphenol            | 8.769  | 108  | 579056   | 46.676 | ng/ul | 98       |
| 19) Hexachloroethane          | 9.028  | 117  | 216946   | 39.744 | ng/ul | 99       |
| 22) Nitrobenzene              | 9.193  | 77   | 724663   | 41.411 | ng/ul | 98       |
| 23) Isophorone                | 9.716  | 82   | 1403223  | 41.903 | ng/ul | 100      |
| 25) 2-Nitrophenol             | 9.910  | 139  | 312143   | 40.440 | ng/ul | 100      |
| 26) 2,4-Dimethylphenol        | 9.969  | 107  | 652651   | 38.464 | ng/ul | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93   | 834659   | 44.152 | ng/ul | 100      |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 504630   | 39.164 | ng/ul | 100      |
| 30) Naphthalene               | 10.828 | 128  | 1757974  | 39.660 | ng/ul | 99       |
| 32) 4-Chloroaniline           | 10.981 | 127  | 737899   | 42.660 | ng/ul | 99       |
| 33) Hexachlorobutadiene       | 11.093 | 225  | 310508   | 31.911 | ng/ul | 100      |
| 34) Caprolactam               | 11.793 | 113  | 189881m  | 48.177 | ng/ul |          |
| 35) 4-Chloro-3-methylphenol   | 12.110 | 107  | 608694   | 40.358 | ng/ul | 98       |
| 36) 2-Methylnaphthalene       | 12.446 | 142  | 1188507  | 40.730 | ng/ul | 100      |

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 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.663 | 142  | 1211708  | 40.706 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 621223   | 36.365 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.769 | 237  | 213102   | 41.698 | ng/ul  | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.075 | 196  | 415996   | 38.532 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.163 | 196  | 434257   | 37.922 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.451 | 154  | 1595502  | 38.858 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.498 | 162  | 1253500  | 38.753 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.740 | 65   | 445293   | 43.752 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 14.081 | 163  | 1644569  | 39.660 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.228 | 165  | 336717   | 40.031 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.340 | 152  | 2118729  | 42.691 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.575 | 138  | 331405   | 50.243 | ng/ul  | 97       |
| 52) Acenaphthene              | 14.681 | 153  | 1382176  | 40.162 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.810 | 184  | 174832   | 39.177 | ng/ul  | 99       |
| 55) 4-Nitrophenol             | 14.898 | 109  | 246663m  | 45.017 | ng/ul  |          |
| 56) Dibenzofuran              | 15.022 | 168  | 1876750  | 39.283 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.034 | 165  | 489978   | 42.747 | ng/ul  | 89       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.263 | 232  | 381052   | 38.741 | ng/ul  | 100      |
| 59) Diethylphthalate          | 15.434 | 149  | 1683600  | 40.121 | ng/ul  | 99       |
| 61) Fluorene                  | 15.669 | 166  | 1545404  | 39.880 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 749695   | 37.809 | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.751 | 138  | 298905   | 66.210 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.804 | 198  | 300153   | 41.923 | ng/ul# | 97       |
| 67) N-Nitrosodiphenylamine    | 15.881 | 169  | 1321552  | 38.366 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 465781   | 35.449 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.681 | 284  | 541163   | 34.905 | ng/ul  | 97       |
| 70) Atrazine                  | 16.845 | 200  | 502150   | 38.083 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 17.045 | 266  | 267214   | 35.911 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.428 | 178  | 2474695  | 39.589 | ng/ul  | 100      |
| 74) Anthracene                | 17.522 | 178  | 2539331  | 40.428 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.422 | 216  | 661034   | 35.306 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.940 | 250  | 600939   | 31.801 | ng/uL  | 100      |
| 77) Carbazole                 | 17.810 | 167  | 2303928  | 43.519 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.316 | 149  | 2986684  | 42.555 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.392 | 202  | 2944734  | 32.547 | ng/ul  | 99       |
| 82) Pyrene                    | 19.751 | 202  | 3106385  | 33.658 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.598 | 149  | 1401740  | 37.228 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.392 | 252  | 1055383  | 41.875 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.463 | 228  | 3040105  | 38.763 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 2077966  | 40.157 | ng/ul  | 100      |
| 87) Chrysene                  | 21.516 | 228  | 2986782  | 40.140 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.286 | 149  | 3630925  | 38.303 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.204 | 252  | 3095110  | 37.136 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.257 | 252  | 3243237  | 38.514 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.868 | 252  | 3040819  | 41.754 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.615 | 276  | 3642631  | 36.845 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.615 | 278  | 2976762  | 36.658 | ng/ul  | 100      |
| 96) Benzo(g,h,i)perylene      | 27.445 | 276  | 2872619  | 35.319 | ng/ul  | 99       |

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

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