

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051123\  
 Data File : BP015066.D  
 Acq On : 11 May 2023 16:43  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SICV617

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023  
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 23:08:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 11 23:06:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.140  | 152  | 304218   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.975 | 136  | 1376668  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.781 | 164  | 879697   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.539 | 188  | 1896998  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.616 | 240  | 1717964  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.192 | 264  | 1989380  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.440  | 96   | 66617    | 8.508  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.881  | 84   | 479381   | 21.599 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.293  | 99   | 591880   | 20.955 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.458  | 67   | 354608   | 21.737 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.663  | 132  | 447822   | 21.563 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.852  | 113  | 483978   | 21.503 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.316  | 128  | 235564   | 21.776 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.046 | 143  | 260240   | 21.620 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.587 | 165  | 472038   | 21.733 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.110 | 131  | 725500   | 22.576 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.187 | 166  | 1459273  | 21.952 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.481 | 160  | 1673971  | 22.018 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.975 | 143  | 275929   | 21.377 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.775 | 176  | 1231339  | 21.952 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.892 | 200  | 253066   | 21.168 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.633 | 188  | 1926761  | 22.181 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.857 | 212  | 2123357  | 21.311 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.021 | 264  | 2080033  | 21.063 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.475  | 88   | 70612    | 8.393  | ng/uL  | 96       |
| 5) Pyridine                   | 3.899  | 79   | 491729   | 21.303 | ng/u1  | 99       |
| 6) Benzaldehyde               | 7.269  | 77   | 157637   | 20.304 | ng/u1  | 98       |
| 8) Phenol                     | 7.316  | 94   | 615434   | 21.248 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.552  | 93   | 506757   | 21.868 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.699  | 128  | 475209   | 21.633 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.587  | 108  | 480190   | 21.451 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.675  | 45   | 644391   | 22.195 | ng/u1  | 99       |
| 16) Acetophenone              | 8.975  | 105  | 802135   | 22.835 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.957  | 70   | 410691   | 22.292 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.916  | 108  | 540004   | 21.917 | ng/u1  | 98       |
| 19) Hexachloroethane          | 9.234  | 117  | 193388   | 21.561 | ng/u1  | 95       |
| 22) Nitrobenzene              | 9.363  | 77   | 584377   | 21.872 | ng/u1  | 100      |
| 23) Isophorone                | 9.893  | 82   | 1194631  | 21.753 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 10.081 | 139  | 291494   | 22.084 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 10.134 | 107  | 582084   | 22.099 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.369 | 93   | 733542   | 21.953 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.616 | 162  | 476353   | 21.712 | ng/u1  | 99       |
| 30) Naphthalene               | 11.028 | 128  | 1649360  | 22.037 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.134 | 127  | 755252   | 22.866 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.304 | 225  | 283604   | 21.448 | ng/u1  | 98       |
| 34) Caprolactam               | 11.910 | 113  | 175460m  | 21.212 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.246 | 107  | 542516   | 21.900 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.622 | 142  | 1110163  | 22.014 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.840 | 142  | 1122525  | 22.166 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.987 | 216  | 573859   | 21.812 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.963 | 237  | 345432   | 20.264 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.222 | 196  | 393880   | 21.201 | ng/ul | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.293 | 196  | 431156   | 21.404 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.616 | 154  | 1513601  | 22.176 | ng/ul | 98       |
| 44) 2-Chloronaphthalene       | 13.663 | 162  | 1177699  | 22.095 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.863 | 65   | 343458   | 22.520 | ng/ul | 93       |
| 47) Dimethylphthalate         | 14.234 | 163  | 1504852  | 21.737 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.357 | 165  | 303417   | 22.122 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.504 | 152  | 1881650  | 22.181 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.687 | 138  | 240325   | 19.459 | ng/ul | 99       |
| 52) Acenaphthene              | 14.845 | 153  | 1276279  | 22.028 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.892 | 184  | 175999   | 19.327 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.987 | 109  | 210901   | 22.214 | ng/ul | 99       |
| 56) Dibenzofuran              | 15.181 | 168  | 1765671  | 21.910 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.145 | 165  | 442331   | 22.287 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.404 | 232  | 366104   | 21.535 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.592 | 149  | 1513599  | 21.921 | ng/ul | 100      |
| 61) Fluorene                  | 15.828 | 166  | 1434363  | 22.148 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.816 | 204  | 688199   | 21.749 | ng/ul | 96       |
| 63) 4-Nitroaniline            | 15.845 | 138  | 210904   | 19.775 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.910 | 198  | 268800   | 21.786 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 16.034 | 169  | 1240870  | 22.246 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.716 | 248  | 417955   | 21.390 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.839 | 284  | 500692   | 21.684 | ng/ul | 98       |
| 70) Atrazine                  | 16.981 | 200  | 456300   | 22.132 | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.181 | 266  | 301436   | 20.870 | ng/ul | 99       |
| 72) Phenanthrene              | 17.581 | 178  | 2286772  | 22.137 | ng/ul | 100      |
| 74) Anthracene                | 17.669 | 178  | 2327546  | 22.282 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.587 | 216  | 587109   | 21.828 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 15.098 | 250  | 592164   | 21.927 | ng/ul | 99       |
| 77) Carbazole                 | 17.933 | 167  | 2116585  | 23.108 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.469 | 149  | 2594842  | 21.998 | ng/ul | 100      |
| 80) Fluoranthene              | 19.527 | 202  | 2619777  | 21.572 | ng/ul | 98       |
| 82) Pyrene                    | 19.880 | 202  | 2751130  | 21.937 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.733 | 149  | 1188595  | 21.378 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.522 | 252  | 851850   | 22.577 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.598 | 228  | 2594902  | 21.845 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.498 | 149  | 1708230  | 21.341 | ng/ul | 100      |
| 87) Chrysene                  | 21.657 | 228  | 2483977  | 21.875 | ng/ul | 98       |
| 89) Di-n-octyl phthalate      | 22.474 | 149  | 2954685  | 21.686 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.398 | 252  | 2670867  | 21.178 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.451 | 252  | 2646365  | 21.853 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.074 | 252  | 2375978  | 21.314 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.927 | 276  | 2919742  | 20.229 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.945 | 278  | 2413794  | 20.372 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.768 | 276  | 2341172  | 19.891 | ng/ul | 99       |

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

