

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
 Data File : BN033853.D  
 Acq On : 11 Sep 2024 08:48  
 Operator : JU/RC  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD020313

Quant Time: Sep 11 11:12:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 11 01:58:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.499  | 152  | 137712   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.257 | 136  | 627036   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.140 | 164  | 431564   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.892 | 188  | 945386   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.127 | 240  | 1013859  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.910 | 264  | 1296268  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.117  | 96   | 26218    | 7.769  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.499  | 84   | 197720   | 19.711 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.687  | 99   | 244564   | 20.010 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.846  | 67   | 154335   | 20.353 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.034  | 132  | 194413   | 20.208 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.205  | 113  | 202283   | 20.115 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.640  | 128  | 99772    | 19.963 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.352  | 143  | 99724    | 19.404 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.887  | 165  | 191716   | 19.808 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.399 | 131  | 298561   | 20.375 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.563 | 166  | 639756   | 19.836 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.828 | 160  | 704399   | 19.414 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.357 | 143  | 132601   | 20.033 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.139 | 176  | 533714   | 19.526 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.269 | 200  | 99406    | 17.635 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 16.992 | 188  | 860489   | 19.360 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.298 | 212  | 1047007  | 18.535 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.721 | 264  | 1275746  | 19.159 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.146  | 88   | 28234    | 7.931  | ng/uL  | 98       |
| 5) Pyridine                   | 3.522  | 79   | 205840   | 20.053 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.652  | 77   | 161647   | 25.056 | ng/u1  | 96       |
| 8) Phenol                     | 6.716  | 94   | 257070   | 20.202 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 6.940  | 93   | 201066   | 20.330 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.069  | 128  | 199667   | 20.252 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 7.940  | 108  | 191301   | 20.114 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.016  | 45   | 303702   | 20.822 | ng/u1  | 100      |
| 16) Acetophenone              | 8.310  | 105  | 327115   | 20.534 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.305  | 70   | 164214   | 20.816 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.269  | 108  | 216588   | 20.462 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.557  | 117  | 82482    | 19.835 | ng/u1  | 94       |
| 22) Nitrobenzene              | 8.681  | 77   | 248734   | 19.884 | ng/u1  | 98       |
| 23) Isophorone                | 9.204  | 82   | 466126   | 20.206 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.381  | 139  | 112861   | 19.622 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.457  | 107  | 241107   | 20.375 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.693  | 93   | 280336   | 19.751 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 9.910  | 162  | 193392   | 19.734 | ng/u1  | 98       |
| 30) Naphthalene               | 10.304 | 128  | 673630   | 19.640 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.422 | 127  | 287048   | 19.879 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.599 | 225  | 120382   | 19.147 | ng/u1  | 98       |
| 34) Caprolactam               | 11.193 | 113  | 73406    | 18.813 | ng/u1  | 87       |
| 35) 4-Chloro-3-methylphenol   | 11.557 | 107  | 235649   | 20.425 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 11.928 | 142  | 472308   | 19.992 | ng/u1  | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.151 | 142  | 478390   | 20.004 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.304 | 216  | 238225   | 19.121 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.293 | 237  | 128456   | 16.757 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.557 | 196  | 157580   | 19.079 | ng/ul | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.628 | 196  | 180761   | 19.924 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 12.963 | 154  | 617900   | 18.991 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 12.998 | 162  | 483682   | 19.083 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.210 | 65   | 162471   | 19.836 | ng/ul | 96       |
| 47) Dimethylphthalate         | 13.610 | 163  | 641586   | 19.518 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.722 | 165  | 129784   | 20.051 | ng/ul | 98       |
| 50) Acenaphthylene            | 13.857 | 152  | 774840   | 19.516 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.051 | 138  | 146094   | 20.424 | ng/ul | 98       |
| 52) Acenaphthene              | 14.204 | 153  | 547305   | 19.309 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.257 | 184  | 64597    | 16.968 | ng/ul | 93       |
| 55) 4-Nitrophenol             | 14.375 | 109  | 114872   | 20.435 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.545 | 168  | 745400   | 19.230 | ng/ul | 97       |
| 57) 2,4-Dinitrotoluene        | 14.516 | 165  | 198683   | 20.361 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.775 | 232  | 150405   | 19.978 | ng/ul | 99       |
| 59) Diethylphthalate          | 14.992 | 149  | 672184   | 19.569 | ng/ul | 99       |
| 61) Fluorene                  | 15.198 | 166  | 622967   | 19.647 | ng/ul | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.198 | 204  | 293496   | 19.097 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.222 | 138  | 163167   | 22.168 | ng/ul | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.281 | 198  | 114405   | 18.277 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.416 | 169  | 548500   | 19.362 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.098 | 248  | 179142   | 18.661 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.198 | 284  | 215721   | 19.360 | ng/ul | 99       |
| 70) Atrazine                  | 16.381 | 200  | 199238   | 19.411 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.551 | 266  | 137443   | 18.520 | ng/ul | 98       |
| 72) Phenanthrene              | 16.933 | 178  | 1009276  | 19.361 | ng/ul | 99       |
| 74) Anthracene                | 17.028 | 178  | 1044415  | 19.621 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 12.922 | 216  | 243096   | 18.476 | ng/uL | 97       |
| 76) Pentachlorobenzene        | 14.463 | 250  | 250130   | 18.671 | ng/uL | 100      |
| 77) Carbazole                 | 17.304 | 167  | 979959   | 20.003 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 17.886 | 149  | 1193099  | 19.158 | ng/ul | 100      |
| 80) Fluoranthene              | 18.963 | 202  | 1202060  | 18.202 | ng/ul | 99       |
| 82) Pyrene                    | 19.328 | 202  | 1290956  | 18.184 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.263 | 149  | 590340   | 18.542 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.051 | 252  | 463692   | 20.361 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.116 | 228  | 1378362  | 19.068 | ng/ul | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.069 | 149  | 886467   | 19.023 | ng/ul | 99       |
| 87) Chrysene                  | 21.169 | 228  | 1316319  | 19.085 | ng/ul | 98       |
| 89) Di-n-octyl phthalate      | 22.133 | 149  | 1534339  | 17.789 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.039 | 252  | 1496918  | 18.941 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.092 | 252  | 1454659  | 18.658 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.780 | 252  | 1474054  | 19.744 | ng/ul | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.992 | 276  | 1966505  | 21.258 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.051 | 278  | 1584985  | 21.197 | ng/ul | 97       |
| 96) Benzo(g,h,i)perylene      | 27.956 | 276  | 1522621  | 21.203 | ng/ul | 99       |

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

