

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090821\  
 Data File : BN016250.D  
 Acq On : 08 Sep 2021 19:45  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SICV214

Quant Time: Sep 08 20:14:25 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN090821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 08 19:47:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 172951   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.651 | 136  | 727674   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.492 | 164  | 482487   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 1004801  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.433 | 240  | 1014870  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.821 | 264  | 1055283  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 26207    | 7.907  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.705  | 84   | 180129   | 18.647 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.016  | 99   | 247833   | 18.992 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 134070   | 19.270 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 216772   | 19.599 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 204365   | 19.428 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.010  | 128  | 106427   | 20.044 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.734  | 143  | 119607   | 20.111 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 215138   | 19.822 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.787 | 131  | 291552   | 19.583 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.898 | 166  | 618939   | 19.981 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.187 | 160  | 797218   | 19.645 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 113530   | 19.021 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.486 | 176  | 543708   | 19.911 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 200  | 102013   | 18.612 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.339 | 188  | 858776   | 19.690 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.633 | 212  | 971289   | 20.185 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.663 | 264  | 1014514  | 19.635 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.328  | 88   | 28951    | 7.758  | ng/ul# | 86       |
| 5) Pyridine                   | 3.728  | 79   | 180989   | 18.849 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.987  | 77   | 153457   | 19.622 | ng/ul  | 98       |
| 8) Phenol                     | 7.046  | 94   | 252201   | 18.968 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.275  | 93   | 194273   | 19.258 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.410  | 128  | 217477   | 19.558 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.293  | 108  | 196208   | 19.092 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.381  | 45   | 256796   | 19.275 | ng/ul  | 99       |
| 16) Acetophenone              | 8.669  | 105  | 310795   | 19.432 | ng/ul  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.657  | 70   | 147782   | 19.944 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.622  | 108  | 215345   | 19.381 | ng/ul  | 95       |
| 19) Hexachloroethane          | 8.928  | 117  | 85961    | 19.576 | ng/ul  | 93       |
| 22) Nitrobenzene              | 9.052  | 77   | 218390   | 20.183 | ng/ul  | 98       |
| 23) Isophorone                | 9.575  | 82   | 415856   | 19.780 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.763  | 139  | 128609   | 20.259 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.828  | 107  | 230439   | 19.481 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.063 | 93   | 263904   | 19.828 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.299 | 162  | 212468   | 19.911 | ng/ul  | 97       |
| 30) Naphthalene               | 10.698 | 128  | 691168   | 19.464 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.816 | 127  | 298045   | 19.687 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.987 | 225  | 144186   | 20.261 | ng/ul  | 98       |
| 34) Caprolactam               | 11.569 | 113  | 69746    | 19.228 | ng/ul  | 89       |
| 35) 4-Chloro-3-methylphenol   | 11.945 | 107  | 218989   | 19.845 | ng/ul  | 98       |

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| 36) 2-Methylnaphthalene       | 12.316 | 142  | 479507   | 19.800 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.534 | 142  | 486397   | 19.648 | ng/ul | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.687 | 216  | 266184   | 19.640 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.663 | 237  | 149687   | 19.262 | ng/ul | 93       |
| 41) 2,4,6-Trichlorophenol     | 12.928 | 196  | 169226   | 19.483 | ng/ul | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.998 | 196  | 188544   | 20.064 | ng/ul | 93       |
| 43) 1,1'-Biphenyl             | 13.328 | 154  | 640701   | 19.670 | ng/ul | 96       |
| 44) 2-Chloronaphthalene       | 13.369 | 162  | 496608   | 19.233 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.569 | 65   | 132624   | 20.205 | ng/ul | 96       |
| 47) Dimethylphthalate         | 13.945 | 163  | 609704   | 19.685 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.069 | 165  | 130758   | 19.900 | ng/ul | 97       |
| 50) Acenaphthylene            | 14.210 | 152  | 817409   | 19.498 | ng/ul | 97       |
| 51) 3-Nitroaniline            | 14.398 | 138  | 138045   | 18.980 | ng/ul | 98       |
| 52) Acenaphthene              | 14.557 | 153  | 525434   | 19.639 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.610 | 184  | 61334    | 17.430 | ng/ul | 93       |
| 55) 4-Nitrophenol             | 14.710 | 109  | 79501    | 19.924 | ng/ul | 94       |
| 56) Dibenzofuran              | 14.892 | 168  | 766702   | 19.831 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 191354   | 20.207 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.122 | 232  | 157665   | 20.467 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.310 | 149  | 614698   | 20.064 | ng/ul | 97       |
| 61) Fluorene                  | 15.539 | 166  | 618625   | 19.826 | ng/ul | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 315348   | 19.884 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.557 | 138  | 146541   | 19.372 | ng/ul | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.622 | 198  | 96221    | 18.575 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 535432   | 19.599 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.428 | 248  | 194038   | 19.832 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.545 | 284  | 228216   | 20.036 | ng/ul | 96       |
| 70) Atrazine                  | 16.698 | 200  | 204477   | 19.952 | ng/ul | 96       |
| 71) Pentachlorophenol         | 16.892 | 266  | 105371   | 18.136 | ng/ul | 100      |
| 72) Phenanthrene              | 17.281 | 178  | 1002599  | 19.930 | ng/ul | 99       |
| 74) Anthracene                | 17.375 | 178  | 1007977  | 19.495 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.292 | 216  | 270642   | 19.080 | ng/uL | 95       |
| 76) Pentachlorobenzene        | 14.810 | 250  | 270077   | 19.244 | ng/uL | 98       |
| 77) Carbazole                 | 17.645 | 167  | 909668   | 19.789 | ng/ul | 98       |
| 78) Di-n-butylphthalate       | 18.210 | 149  | 1070364  | 19.903 | ng/ul | 100      |
| 80) Fluoranthene              | 19.298 | 202  | 1184654  | 20.022 | ng/ul | 99       |
| 82) Pyrene                    | 19.663 | 202  | 1215107  | 19.936 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.563 | 149  | 484433   | 19.825 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 440298   | 21.511 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 1188176  | 19.554 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 717279   | 20.103 | ng/ul | 96       |
| 87) Chrysene                  | 21.469 | 228  | 1143797  | 19.313 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.263 | 149  | 1252140  | 19.686 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.092 | 252  | 1257954  | 20.142 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.139 | 252  | 1142236  | 19.905 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.710 | 252  | 1179325  | 19.542 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.298 | 276  | 1343165  | 19.764 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.304 | 278  | 1141708  | 19.516 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 27.051 | 276  | 1154107  | 20.034 | ng/ul | 98       |

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

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