

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051022\  
 Data File : BM034965.D  
 Acq On : 10 May 2022 15:43  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV039

Quant Time: May 10 18:08:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 182269   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136  | 825020   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.557 | 164  | 547396   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 1080888  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.474 | 240  | 804103   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.856 | 264  | 701690   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.363  | 96   | 34316    | 7.877  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.775  | 84   | 225594   | 18.786 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99   | 304325   | 19.300 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.251  | 67   | 195779   | 19.781 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.451  | 132  | 249701   | 20.152 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 255629   | 19.884 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.081  | 128  | 125586   | 19.861 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.804  | 143  | 137386   | 20.144 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.339 | 165  | 257740   | 20.193 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.857 | 131  | 376070   | 20.693 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.963 | 166  | 801862   | 19.424 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.245 | 160  | 1009866  | 19.278 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.739 | 143  | 133274   | 18.894 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.545 | 176  | 677257   | 19.446 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200  | 118210   | 17.355 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.392 | 188  | 1004792  | 19.107 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.680 | 212  | 1005922  | 20.034 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.703 | 264  | 708851   | 19.329 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.399  | 88   | 34003    | 7.838  | ng/uL  | 97       |
| 5) Pyridine                   | 3.799  | 79   | 242885   | 19.164 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.057  | 77   | 186771   | 21.224 | ng/u1  | 96       |
| 8) Phenol                     | 7.110  | 94   | 304845   | 19.422 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.340  | 93   | 246040   | 19.804 | ng/u1  | 95       |
| 12) 2-Chlorophenol            | 7.487  | 128  | 252992   | 20.020 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.363  | 108  | 233574   | 19.633 | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 394151   | 19.405 | ng/u1  | 99       |
| 16) Acetophenone              | 8.745  | 105  | 404350   | 20.263 | ng/u1  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.734  | 70   | 218464   | 20.526 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.692  | 108  | 258816   | 19.912 | ng/u1  | 99       |
| 19) Hexachloroethane          | 9.010  | 117  | 106282   | 19.826 | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.122  | 77   | 299101   | 19.062 | ng/u1  | 98       |
| 23) Isophorone                | 9.651  | 82   | 578445   | 20.064 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.834  | 139  | 148038   | 20.201 | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.898  | 107  | 301105   | 19.646 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.133 | 93   | 348790   | 19.517 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 251190   | 20.229 | ng/u1  | 99       |
| 30) Naphthalene               | 10.775 | 128  | 849809   | 19.606 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.881 | 127  | 373969   | 20.562 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.069 | 225  | 162565   | 19.974 | ng/u1  | 96       |
| 34) Caprolactam               | 11.639 | 113  | 74526    | 20.071 | ng/u1  | 87       |
| 35) 4-Chloro-3-methylphenol   | 12.004 | 107  | 267692   | 20.054 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.386 | 142  | 601351   | 20.066 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.604 | 142  | 608310   | 20.074 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 308047   | 19.134 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.739 | 237  | 195056   | 17.469 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.992 | 196  | 199298   | 19.445 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.057 | 196  | 217404   | 19.800 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.392 | 154  | 819578   | 18.846 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.433 | 162  | 628674   | 18.982 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.627 | 65   | 181741   | 19.330 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 14.010 | 163  | 800943   | 19.637 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.127 | 165  | 154608   | 19.957 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.274 | 152  | 1010671  | 19.205 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.451 | 138  | 101526   | 14.312 | ng/ul  | 88       |
| 52) Acenaphthene              | 14.616 | 153  | 673030   | 19.134 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.657 | 184  | 77553    | 17.161 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.751 | 109  | 117219   | 18.898 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.951 | 168  | 928408   | 19.165 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 224423   | 20.537 | ng/ul  | 91       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.174 | 232  | 175034   | 20.331 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.374 | 149  | 818750   | 19.598 | ng/ul  | 99       |
| 61) Fluorene                  | 15.598 | 166  | 765374   | 19.313 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 377995   | 19.637 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 86672    | 13.727 | ng/ul  | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.674 | 198  | 120473   | 17.864 | ng/ul# | 96       |
| 67) N-Nitrosodiphenylamine    | 15.804 | 169  | 649499   | 18.664 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.486 | 248  | 216398   | 19.253 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 243106   | 19.115 | ng/ul  | 96       |
| 70) Atrazine                  | 16.757 | 200  | 232782   | 18.819 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.945 | 266  | 140427   | 17.788 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.339 | 178  | 1148675  | 18.894 | ng/ul  | 100      |
| 74) Anthracene                | 17.427 | 178  | 1166946  | 18.977 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 318190   | 18.396 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.874 | 250  | 298193   | 18.821 | ng/ul  | 99       |
| 77) Carbazole                 | 17.692 | 167  | 1016655  | 18.806 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.268 | 149  | 1302733  | 19.432 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.351 | 202  | 1199859  | 19.878 | ng/ul  | 98       |
| 82) Pyrene                    | 19.709 | 202  | 1211031  | 19.647 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.609 | 149  | 483383   | 19.603 | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.392 | 252  | 255172   | 16.817 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.456 | 228  | 996376   | 19.072 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.397 | 149  | 703595   | 19.256 | ng/ul  | 100      |
| 87) Chrysene                  | 21.509 | 228  | 966041   | 18.988 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.315 | 149  | 1064207  | 18.218 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 924921   | 19.623 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.180 | 252  | 849834   | 18.935 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.750 | 252  | 870007   | 19.362 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 979372   | 19.053 | ng/ul# | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.344 | 278  | 851789   | 19.329 | ng/ul# | 95       |
| 96) Benzo(g,h,i)perylene      | 27.079 | 276  | 808915   | 18.946 | ng/ul# | 92       |

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

