

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092521\  
 Data File : BM032145.D  
 Acq On : 25 Sep 2021 09:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020063

Quant Time: Sep 26 00:17:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM092421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 25 01:15:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.666  | 152  | 413591   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.460 | 136  | 1736346  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.313 | 164  | 1097248  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.036 | 188  | 2171138  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.200 | 240  | 1864714  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.371 | 264  | 1644529  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 2.990  | 96   | 79374    | 8.103  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.413  | 84   | 564556   | 20.303 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.848  | 99   | 657709   | 20.034 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.989  | 67   | 399339   | 20.230 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.201  | 132  | 523815   | 20.552 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.389  | 113  | 521214   | 20.303 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.819  | 128  | 221081   | 21.318 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.542  | 143  | 238081   | 21.711 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.089 | 165  | 531302   | 21.194 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.589 | 131  | 729333   | 21.526 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.713 | 166  | 1527780  | 21.430 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.001 | 160  | 1938746  | 21.405 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.512 | 143  | 243591   | 21.004 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.301 | 176  | 1307138  | 21.488 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.412 | 200  | 203777   | 19.860 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.136 | 188  | 1960509  | 21.641 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.418 | 212  | 2065190  | 21.049 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.230 | 264  | 1672479  | 21.670 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.025  | 88   | 85977    | 7.989  | ng/uL  | 97       |
| 5) Pyridine                   | 3.431  | 79   | 556798   | 20.195 | ng/u1  | 98       |
| 6) Benzaldehyde               | 6.789  | 77   | 421340   | 22.780 | ng/u1  | 97       |
| 8) Phenol                     | 6.872  | 94   | 673613   | 20.239 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.084  | 93   | 552638   | 20.840 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.237  | 128  | 543826   | 20.455 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.125  | 108  | 515193   | 20.453 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.195  | 45   | 719395   | 19.711 | ng/u1  | 99       |
| 16) Acetophenone              | 8.483  | 105  | 837426   | 21.523 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.472  | 70   | 412525   | 20.787 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.454  | 108  | 561915   | 21.224 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.760  | 117  | 216447   | 19.835 | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.860  | 77   | 563500   | 21.066 | ng/u1  | 99       |
| 23) Isophorone                | 9.383  | 82   | 1143436  | 20.535 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.578  | 139  | 276445   | 22.067 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.648  | 107  | 619248   | 20.756 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.866  | 93   | 750812   | 21.093 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.113 | 162  | 523872   | 21.242 | ng/u1  | 99       |
| 30) Naphthalene               | 10.507 | 128  | 1780914  | 20.895 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.613 | 127  | 748924   | 21.668 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.819 | 225  | 348851   | 20.577 | ng/u1  | 98       |
| 34) Caprolactam               | 11.342 | 113  | 152820   | 20.316 | ng/u1  | 92       |
| 35) 4-Chloro-3-methylphenol   | 11.754 | 107  | 563629   | 21.220 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.124 | 142  | 1228255  | 21.467 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.348 | 142  | 1246545  | 21.405 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.507 | 216  | 656938   | 20.974 | ng/ul | 97       |
| 40) Hexachlorocyclopentadiene | 12.501 | 237  | 344655   | 20.533 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.742 | 196  | 411503   | 21.005 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.813 | 196  | 441811   | 21.244 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.142 | 154  | 1644446  | 21.162 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.183 | 162  | 1240280  | 21.156 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.383 | 65   | 285429   | 21.539 | ng/ul | 93       |
| 47) Dimethylphthalate         | 13.760 | 163  | 1517078  | 21.330 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.871 | 165  | 264076   | 22.361 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.030 | 152  | 2053587  | 21.587 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.207 | 138  | 281984   | 21.832 | ng/ul | 97       |
| 52) Acenaphthene              | 14.377 | 153  | 1317130  | 21.284 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.407 | 184  | 118945   | 18.424 | ng/ul | 92       |
| 55) 4-Nitrophenol             | 14.524 | 109  | 203598   | 21.523 | ng/ul | 95       |
| 56) Dibenzofuran              | 14.707 | 168  | 1907257  | 21.473 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 14.660 | 165  | 377931   | 22.942 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.942 | 232  | 363752   | 21.440 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.124 | 149  | 1497922  | 21.545 | ng/ul | 100      |
| 61) Fluorene                  | 15.354 | 166  | 1491872  | 21.647 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.348 | 204  | 754508   | 21.651 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.365 | 138  | 259733   | 22.943 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.424 | 198  | 204676   | 20.208 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.560 | 169  | 1288958  | 21.301 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.236 | 248  | 428644   | 20.676 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.371 | 284  | 526420   | 20.887 | ng/ul | 98       |
| 70) Atrazine                  | 16.501 | 200  | 458647   | 21.442 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.701 | 266  | 296009   | 20.447 | ng/ul | 99       |
| 72) Phenanthrene              | 17.083 | 178  | 2336765  | 21.558 | ng/ul | 99       |
| 74) Anthracene                | 17.171 | 178  | 2346276  | 21.597 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.113 | 216  | 679935   | 20.316 | ng/ul | 100      |
| 76) Pentachlorobenzene        | 14.642 | 250  | 673790   | 20.791 | ng/ul | 99       |
| 77) Carbazole                 | 17.436 | 167  | 2087362  | 22.715 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 17.995 | 149  | 2366070  | 22.411 | ng/ul | 99       |
| 80) Fluoranthene              | 19.089 | 202  | 2587937  | 21.256 | ng/ul | 99       |
| 82) Pyrene                    | 19.447 | 202  | 2659166  | 21.298 | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.336 | 149  | 827022   | 23.035 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.118 | 252  | 696545   | 22.523 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.183 | 228  | 2279222  | 21.694 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.106 | 149  | 1203136  | 22.637 | ng/ul | 98       |
| 87) Chrysene                  | 21.236 | 228  | 2250492  | 21.258 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 21.959 | 149  | 1825738  | 21.849 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.718 | 252  | 2069455  | 21.307 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.765 | 252  | 2026513  | 22.016 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.271 | 252  | 1962045  | 21.394 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.518 | 276  | 1956193  | 20.928 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 25.524 | 278  | 1671229  | 21.558 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.182 | 276  | 1693017  | 20.434 | ng/ul | 100      |

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

