

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092421\  
 Data File : BM032139.D  
 Acq On : 24 Sep 2021 20:11  
 Operator : CG/JU  
 Sample : SSTD04035  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD040042

Quant Time: Sep 25 00:20:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM092421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 25 00:18:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.666  | 152  | 435658   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.466 | 136  | 1847477  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.319 | 164  | 1125293  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.042 | 188  | 2110690  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.200 | 240  | 1612962  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.371 | 264  | 1508101  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 2.990  | 96   | 166660   | 15.761 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.413  | 84   | 1214018  | 36.213 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.854  | 99   | 1426737  | 35.835 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.995  | 67   | 861523   | 35.950 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.207  | 132  | 1123565  | 39.509 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.401  | 113  | 1116564  | 34.694 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.825  | 128  | 495970   | 47.131 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.548  | 143  | 538305   | 53.944 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.095 | 165  | 1126996  | 41.793 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.595 | 131  | 1504103  | 37.700 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.719 | 166  | 3002969  | 38.203 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.007 | 160  | 3884892  | 39.225 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.519 | 143  | 499817   | 39.428 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.307 | 176  | 2538724  | 38.897 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.418 | 200  | 420314   | 54.475 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.142 | 188  | 3628546  | 39.993 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.424 | 212  | 3571349  | 45.603 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.236 | 264  | 3052199  | 41.215 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.025  | 88   | 181642   | 15.179 | ng/uL  | 99       |
| 5) Pyridine                   | 3.431  | 79   | 1191381  | 36.187 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.790  | 77   | 887938   | 37.841 | ng/u1  | 98       |
| 8) Phenol                     | 6.878  | 94   | 1450229  | 35.770 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.084  | 93   | 1163952  | 36.830 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.237  | 128  | 1162601  | 39.309 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.131  | 108  | 1107749  | 35.664 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.207  | 45   | 1591050  | 38.782 | ng/u1  | 99       |
| 16) Acetophenone              | 8.489  | 105  | 1743960  | 35.003 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.484  | 70   | 872371   | 31.436 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.460  | 108  | 1182591  | 35.468 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.760  | 117  | 474998   | 38.844 | ng/u1  | 99       |
| 22) Nitrobenzene              | 8.866  | 77   | 1232070  | 41.330 | ng/u1  | 99       |
| 23) Isophorone                | 9.389  | 82   | 2480687  | 33.789 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.584  | 139  | 602284   | 52.223 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.654  | 107  | 1311957  | 37.342 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.872  | 93   | 1553062  | 37.025 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.119 | 162  | 1098077  | 41.590 | ng/u1  | 99       |
| 30) Naphthalene               | 10.513 | 128  | 3658061  | 40.201 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.619 | 127  | 1535743  | 37.614 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.825 | 225  | 730843   | 42.313 | ng/u1  | 99       |
| 34) Caprolactam               | 11.354 | 113  | 330693   | 29.316 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.760 | 107  | 1172387  | 35.608 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.130 | 142  | 2471135  | 38.597 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.348 | 142  | 2508726  | 38.495 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.513 | 216  | 1320870  | 43.889 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.507 | 237  | 743150   | 41.552 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.748 | 196  | 857476   | 43.982 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.819 | 196  | 910429   | 44.401 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.148 | 154  | 3270082  | 41.638 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.189 | 162  | 2486227  | 41.726 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.383 | 65   | 637489   | 47.550 | ng/ul | 99       |
| 47) Dimethylphthalate         | 13.766 | 163  | 2966704  | 37.875 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.877 | 165  | 569425   | 51.330 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.036 | 152  | 4023638  | 39.730 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.213 | 138  | 585548   | 45.284 | ng/ul | 96       |
| 52) Acenaphthene              | 14.383 | 153  | 2577113  | 39.060 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.413 | 184  | 271298   | 47.179 | ng/ul | 91       |
| 55) 4-Nitrophenol             | 14.530 | 109  | 405550   | 33.408 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.713 | 168  | 3671275  | 39.521 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.666 | 165  | 775491   | 48.001 | ng/ul | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.948 | 232  | 736522   | 42.608 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.136 | 149  | 2903366  | 35.579 | ng/ul | 99       |
| 61) Fluorene                  | 15.360 | 166  | 2800923  | 37.396 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.354 | 204  | 1437217  | 39.173 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.371 | 138  | 522225   | 38.984 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 419604   | 52.627 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.566 | 169  | 2462766  | 42.164 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.236 | 248  | 868154   | 43.586 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.371 | 284  | 1000369  | 44.800 | ng/ul | 99       |
| 70) Atrazine                  | 16.507 | 200  | 876270   | 38.842 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.707 | 266  | 597816   | 46.677 | ng/ul | 99       |
| 72) Phenanthrene              | 17.083 | 178  | 4259204  | 40.004 | ng/ul | 99       |
| 74) Anthracene                | 17.177 | 178  | 4320214  | 39.754 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.119 | 216  | 1382630  | 49.927 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.648 | 250  | 1319960  | 48.294 | ng/ul | 99       |
| 77) Carbazole                 | 17.436 | 167  | 3771889  | 38.294 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 17.995 | 149  | 4458347  | 36.167 | ng/ul | 99       |
| 80) Fluoranthene              | 19.089 | 202  | 4474536  | 45.171 | ng/ul | 99       |
| 82) Pyrene                    | 19.453 | 202  | 4491523  | 44.873 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.342 | 149  | 1480902  | 37.723 | ng/ul | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.118 | 252  | 1220468  | 35.861 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.183 | 228  | 3767836  | 38.631 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.112 | 149  | 2205596  | 37.010 | ng/ul | 98       |
| 87) Chrysene                  | 21.236 | 228  | 3701552  | 39.242 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 21.959 | 149  | 3491000  | 41.109 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.724 | 252  | 3718616  | 41.891 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.765 | 252  | 3459157  | 42.462 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.277 | 252  | 3548538  | 41.317 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.530 | 276  | 3852043  | 38.883 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.530 | 278  | 3303987  | 39.328 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.194 | 276  | 3369728  | 39.619 | ng/ul | 99       |

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

