

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030822\  
 Data File : BM034144.D  
 Acq On : 08 Mar 2022 09:55  
 Operator : CG/JU  
 Sample : SSTD01040  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD010040

Quant Time: Mar 08 11:31:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 08 11:29:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.990  | 152  | 150036   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.807 | 136  | 611203   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.630 | 164  | 421398   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.371 | 188  | 908309   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.542 | 240  | 920308   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.983 | 264  | 872533   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.372  | 96   | 14146    | 4.347  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.790  | 84   | 94951    | 11.104 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.143  | 99   | 117216   | 10.939 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.313  | 67   | 67360    | 11.323 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.519  | 132  | 101809   | 11.021 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.695  | 113  | 96767    | 10.610 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.154  | 128  | 49049    | 10.624 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.878  | 143  | 50945    | 9.708  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.419 | 165  | 109463   | 10.307 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.937 | 131  | 142078   | 10.608 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.036 | 166  | 338987   | 10.632 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.325 | 160  | 422630   | 10.884 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.801 | 143  | 52834    | 9.674  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.619 | 176  | 301802   | 10.952 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.724 | 200  | 52032    | 8.774  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.466 | 188  | 474644   | 10.806 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.754 | 212  | 554161   | 11.170 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.824 | 264  | 480771   | 10.812 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.408  | 88   | 16368    | 5.125  | ng/uL# | 67       |
| 5) Pyridine                   | 3.813  | 79   | 100218   | 11.484 | ng/ul# | 68       |
| 6) Benzaldehyde               | 7.119  | 77   | 76901    | 12.637 | ng/ul# | 76       |
| 8) Phenol                     | 7.166  | 94   | 120001   | 11.471 | ng/ul# | 80       |
| 10) Bis(2-Chloroethyl)ether   | 7.407  | 93   | 97247    | 11.801 | ng/ul# | 82       |
| 12) 2-Chlorophenol            | 7.554  | 128  | 107527   | 11.728 | ng/ul# | 76       |
| 13) 2-Methylphenol            | 8.431  | 108  | 92174    | 11.211 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.531  | 45   | 86521    | 9.622  | ng/ul# | 76       |
| 16) Acetophenone              | 8.813  | 105  | 161503   | 11.386 | ng/ul# | 81       |
| 17) N-Nitroso-di-n-propyla... | 8.801  | 70   | 74965    | 11.587 | ng/ul# | 76       |
| 18) 4-Methylphenol            | 8.754  | 108  | 101962   | 11.435 | ng/ul  | 94       |
| 19) Hexachloroethane          | 9.084  | 117  | 44740    | 11.653 | ng/ul# | 67       |
| 22) Nitrobenzene              | 9.195  | 77   | 113742   | 11.485 | ng/ul# | 85       |
| 23) Isophorone                | 9.725  | 82   | 203617   | 11.152 | ng/ul# | 93       |
| 25) 2-Nitrophenol             | 9.913  | 139  | 57485    | 10.610 | ng/ul# | 69       |
| 26) 2,4-Dimethylphenol        | 9.972  | 107  | 120129   | 11.071 | ng/ul  | 89       |
| 27) Bis(2-Chloroethoxy)met... | 10.207 | 93   | 129380   | 11.688 | ng/ul# | 97       |
| 29) 2,4-Dichlorophenol        | 10.448 | 162  | 111688   | 10.950 | ng/ul  | 95       |
| 30) Naphthalene               | 10.854 | 128  | 348092   | 11.364 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.960 | 127  | 146293   | 11.049 | ng/ul  | 97       |
| 33) Hexachlorobutadiene       | 11.154 | 225  | 86523    | 11.045 | ng/ul  | 93       |
| 34) Caprolactam               | 11.713 | 113  | 29418    | 10.621 | ng/ul# | 46       |
| 35) 4-Chloro-3-methylphenol   | 12.078 | 107  | 106575   | 11.159 | ng/ul# | 72       |
| 36) 2-Methylnaphthalene       | 12.466 | 142  | 252195   | 11.279 | ng/ul  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030822\  
 Data File : BM034144.D  
 Acq On : 08 Mar 2022 09:55  
 Operator : CG/JU  
 Sample : SSTD01040  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD010040

Quant Time: Mar 08 11:31:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 08 11:29:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.683 | 142  | 259658   | 11.456 | ng/ul# | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.831 | 216  | 159454   | 11.390 | ng/ul# | 96       |
| 40) Hexachlorocyclopentadiene | 12.819 | 237  | 95925    | 10.047 | ng/ul# | 97       |
| 41) 2,4,6-Trichlorophenol     | 13.066 | 196  | 93826    | 10.972 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.131 | 196  | 103002   | 10.951 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.466 | 154  | 349524   | 11.253 | ng/ul# | 97       |
| 44) 2-Chloronaphthalene       | 13.507 | 162  | 278474   | 11.539 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.701 | 65   | 60308    | 11.101 | ng/ul# | 68       |
| 47) Dimethylphthalate         | 14.078 | 163  | 344978   | 11.177 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.195 | 165  | 64512    | 10.680 | ng/ul# | 84       |
| 50) Acenaphthylene            | 14.348 | 152  | 426815   | 11.192 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.519 | 138  | 63867    | 10.870 | ng/ul# | 73       |
| 52) Acenaphthene              | 14.689 | 153  | 284808   | 11.253 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.725 | 184  | 30083    | 7.507  | ng/ul# | 71       |
| 55) 4-Nitrophenol             | 14.819 | 109  | 48631    | 9.783  | ng/ul# | 73       |
| 56) Dibenzofuran              | 15.025 | 168  | 424434   | 11.419 | ng/ul  | 92       |
| 57) 2,4-Dinitrotoluene        | 14.977 | 165  | 94290    | 10.743 | ng/ul# | 66       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.248 | 232  | 87405    | 10.739 | ng/ul# | 87       |
| 59) Diethylphthalate          | 15.442 | 149  | 329816   | 10.703 | ng/ul  | 98       |
| 61) Fluorene                  | 15.672 | 166  | 340954   | 10.999 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.666 | 204  | 186584   | 11.254 | ng/ul# | 87       |
| 63) 4-Nitroaniline            | 15.672 | 138  | 62869    | 10.459 | ng/ul# | 76       |
| 66) 4,6-Dinitro-2-methylph... | 15.736 | 198  | 53803    | 9.284  | ng/ul# | 84       |
| 67) N-Nitrosodiphenylamine    | 15.877 | 169  | 291369   | 11.048 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.560 | 248  | 103445   | 10.439 | ng/ul# | 89       |
| 69) Hexachlorobenzene         | 16.677 | 284  | 137873   | 11.472 | ng/ul# | 89       |
| 70) Atrazine                  | 16.824 | 200  | 108747   | 10.047 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.018 | 266  | 75415    | 9.636  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.413 | 178  | 550824   | 11.180 | ng/ul  | 99       |
| 74) Anthracene                | 17.501 | 178  | 556269   | 11.149 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.436 | 216  | 170674   | 11.904 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.948 | 250  | 160074   | 11.287 | ng/uL  | 99       |
| 77) Carbazole                 | 17.765 | 167  | 473332   | 10.885 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.336 | 149  | 513867   | 10.137 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.418 | 202  | 653499   | 11.401 | ng/ul# | 93       |
| 82) Pyrene                    | 19.783 | 202  | 678944   | 11.466 | ng/ul# | 91       |
| 83) Butylbenzylphthalate      | 20.677 | 149  | 207296   | 9.928  | ng/ul# | 77       |
| 84) 3,3'-Dichlorobenzidine    | 21.453 | 252  | 182540   | 9.357  | ng/ul# | 95       |
| 85) Benzo(a)anthracene        | 21.524 | 228  | 653898   | 11.623 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.453 | 149  | 298447   | 9.271  | ng/ul# | 98       |
| 87) Chrysene                  | 21.577 | 228  | 631511   | 11.432 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.395 | 149  | 467518   | 8.706  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.236 | 252  | 653373   | 11.809 | ng/ul# | 97       |
| 91) Benzo(k)fluoranthene      | 23.289 | 252  | 587797   | 11.285 | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 23.877 | 252  | 603168   | 11.386 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.536 | 276  | 636315   | 10.793 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.553 | 278  | 551924   | 10.815 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.318 | 276  | 535884   | 10.763 | ng/ul# | 96       |

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

