

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022822\  
 Data File : BM034094.D  
 Acq On : 28 Feb 2022 12:47  
 Operator : CG/JU  
 Sample : SSTD02034  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020034

Quant Time: Feb 28 14:01:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 28 13:57:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.995  | 152  | 167673   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.813 | 136  | 663827   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.636 | 164  | 482703   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.371 | 188  | 1054343  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.547 | 240  | 1084092  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.994 | 264  | 986812   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.372  | 96   | 28518    | 6.708  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.796  | 84   | 184996   | 15.590 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.148  | 99   | 225656   | 16.064 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.319  | 67   | 128858   | 15.047 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.525  | 132  | 202985   | 18.036 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.701  | 113  | 195741   | 17.585 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.160  | 128  | 100004   | 18.775 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.889  | 143  | 113455   | 19.724 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.425 | 165  | 230864   | 22.179 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.942 | 131  | 283428   | 19.718 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.042 | 166  | 722276   | 20.024 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.330 | 160  | 883038   | 19.984 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.807 | 143  | 119771   | 19.435 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.624 | 176  | 623518   | 20.702 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.730 | 200  | 126192   | 19.065 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.471 | 188  | 1014041  | 20.083 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.759 | 212  | 1173635  | 18.337 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.835 | 264  | 990134   | 19.103 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.407  | 88   | 27599    | 5.949  | ng/uL# | 79       |
| 5) Pyridine                   | 3.813  | 79   | 188662   | 15.403 | ng/ul# | 79       |
| 6) Benzaldehyde               | 7.125  | 77   | 153661   | 18.117 | ng/ul# | 78       |
| 8) Phenol                     | 7.172  | 94   | 220498   | 15.307 | ng/ul# | 85       |
| 10) Bis(2-Chloroethyl)ether   | 7.413  | 93   | 177406   | 15.592 | ng/ul# | 85       |
| 12) 2-Chlorophenol            | 7.560  | 128  | 202654   | 17.187 | ng/ul# | 81       |
| 13) 2-Methylphenol            | 8.436  | 108  | 175359   | 16.117 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.536  | 45   | 195727   | 12.779 | ng/ul# | 88       |
| 16) Acetophenone              | 8.819  | 105  | 306739   | 17.359 | ng/ul# | 85       |
| 17) N-Nitroso-di-n-propyla... | 8.813  | 70   | 146087   | 16.284 | ng/ul# | 88       |
| 18) 4-Methylphenol            | 8.766  | 108  | 191279   | 16.479 | ng/ul  | 94       |
| 19) Hexachloroethane          | 9.089  | 117  | 83515    | 16.324 | ng/ul# | 65       |
| 22) Nitrobenzene              | 9.201  | 77   | 213290   | 16.175 | ng/ul# | 86       |
| 23) Isophorone                | 9.730  | 82   | 399826   | 16.894 | ng/ul# | 91       |
| 25) 2-Nitrophenol             | 9.919  | 139  | 117871   | 19.099 | ng/ul# | 75       |
| 26) 2,4-Dimethylphenol        | 9.978  | 107  | 235814   | 17.517 | ng/ul  | 91       |
| 27) Bis(2-Chloroethoxy)met... | 10.219 | 93   | 240855   | 16.370 | ng/ul# | 98       |
| 29) 2,4-Dichlorophenol        | 10.454 | 162  | 219661   | 21.121 | ng/ul# | 91       |
| 30) Naphthalene               | 10.866 | 128  | 656983   | 17.892 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.966 | 127  | 280517   | 19.220 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.160 | 225  | 166978   | 21.697 | ng/ul  | 99       |
| 34) Caprolactam               | 11.724 | 113  | 58759    | 19.852 | ng/ul# | 60       |
| 35) 4-Chloro-3-methylphenol   | 12.083 | 107  | 210680   | 17.678 | ng/ul# | 74       |
| 36) 2-Methylnaphthalene       | 12.472 | 142  | 485537   | 20.070 | ng/ul  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.689 | 142  | 493080   | 19.883 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.836 | 216  | 308157   | 20.073 | ng/ul# | 97       |
| 40) Hexachlorocyclopentadiene | 12.824 | 237  | 194703   | 17.192 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.071 | 196  | 194066   | 20.300 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.136 | 196  | 212489   | 20.953 | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.471 | 154  | 696280   | 17.994 | ng/ul# | 96       |
| 44) 2-Chloronaphthalene       | 13.513 | 162  | 540425   | 18.524 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.707 | 65   | 124261   | 14.474 | ng/ul# | 66       |
| 47) Dimethylphthalate         | 14.089 | 163  | 697561   | 19.254 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.201 | 165  | 139168   | 20.126 | ng/ul# | 84       |
| 50) Acenaphthylene            | 14.360 | 152  | 866630   | 18.395 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.524 | 138  | 133575   | 19.567 | ng/ul# | 74       |
| 52) Acenaphthene              | 14.701 | 153  | 571871   | 18.541 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.730 | 184  | 81428    | 19.298 | ng/ul# | 71       |
| 55) 4-Nitrophenol             | 14.824 | 109  | 111539   | 18.749 | ng/ul# | 78       |
| 56) Dibenzofuran              | 15.030 | 168  | 841926   | 19.397 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.983 | 165  | 204472   | 20.725 | ng/ul# | 72       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.254 | 232  | 185150   | 22.191 | ng/ul# | 88       |
| 59) Diethylphthalate          | 15.448 | 149  | 708979   | 19.214 | ng/ul  | 99       |
| 61) Fluorene                  | 15.677 | 166  | 704830   | 20.290 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.671 | 204  | 377214   | 21.259 | ng/ul  | 89       |
| 63) 4-Nitroaniline            | 15.683 | 138  | 143605   | 21.808 | ng/ul# | 81       |
| 66) 4,6-Dinitro-2-methylph... | 15.748 | 198  | 124439   | 18.816 | ng/ul# | 80       |
| 67) N-Nitrosodiphenylamine    | 15.883 | 169  | 607452   | 18.566 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.565 | 248  | 227939   | 20.009 | ng/ul# | 91       |
| 69) Hexachlorobenzene         | 16.683 | 284  | 274234   | 21.053 | ng/ul# | 92       |
| 70) Atrazine                  | 16.830 | 200  | 243846   | 19.807 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.024 | 266  | 168033   | 20.113 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.418 | 178  | 1119033  | 18.875 | ng/ul  | 99       |
| 74) Anthracene                | 17.506 | 178  | 1147600  | 19.260 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.442 | 216  | 323181   | 17.539 | ng/ul  | 96       |
| 76) Pentachlorobenzene        | 14.954 | 250  | 321422   | 19.567 | ng/ul  | 99       |
| 77) Carbazole                 | 17.771 | 167  | 992142   | 18.812 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.342 | 149  | 1190817  | 18.158 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.424 | 202  | 1360283  | 17.755 | ng/ul# | 91       |
| 82) Pyrene                    | 19.789 | 202  | 1396233  | 17.831 | ng/ul# | 88       |
| 83) Butylbenzylphthalate      | 20.683 | 149  | 495302   | 15.525 | ng/ul# | 76       |
| 84) 3,3'-Dichlorobenzidine    | 21.459 | 252  | 449069   | 20.816 | ng/ul# | 95       |
| 85) Benzo(a)anthracene        | 21.530 | 228  | 1309341  | 18.643 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.459 | 149  | 750619   | 16.133 | ng/ul  | 100      |
| 87) Chrysene                  | 21.583 | 228  | 1274924  | 18.576 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.406 | 149  | 1160730  | 16.244 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.247 | 252  | 1259887  | 18.795 | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 23.294 | 252  | 1178132  | 19.144 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 23.888 | 252  | 1190885  | 18.788 | ng/ul# | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.553 | 276  | 1305567  | 17.819 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.571 | 278  | 1134746  | 17.894 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 27.335 | 276  | 1095255  | 17.779 | ng/ul# | 95       |

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

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