

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011921\  
 Data File : BM028453.D  
 Acq On : 19 Jan 2021 10:56  
 Operator : CG/JU  
 Sample : SSTD01013  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD010013

Quant Time: Jan 19 12:32:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 19 12:22:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 31049    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.904 | 136  | 124365   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.722 | 164  | 70039    | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 138012   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.568 | 240  | 121655   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.880 | 264  | 119242   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.328  | 96   | 2995     | 3.91  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 19804    | 9.08  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99   | 25300    | 9.63  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.399  | 67   | 16221    | 10.00 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.605  | 132  | 21990    | 9.98  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.793  | 113  | 19980    | 9.42  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.257  | 128  | 9729     | 9.66  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143  | 10199    | 9.55  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.516 | 165  | 19845    | 9.88  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.034 | 131  | 24683    | 8.99  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 55341    | 10.46 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.416 | 160  | 66286    | 9.86  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.904 | 143  | 8968     | 8.80  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.704 | 176  | 46700    | 9.97  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.822 | 200  | 7025     | 7.86  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 66630    | 9.77  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.810 | 212  | 67498    | 9.66  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.733 | 264  | 63029    | 9.85  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.370  | 88   | 3172     | 4.03  | ng/uL  | 91       |
| 5) Pyridine                   | 3.811  | 79   | 20258    | 9.23  | ng/ul  | 99       |
| 6) Benzaldehyde               | 7.211  | 77   | 11948    | 11.73 | ng/ul  | 98       |
| 8) Phenol                     | 7.258  | 94   | 25612    | 9.62  | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.493  | 93   | 21451    | 9.88  | ng/ul  | 95       |
| 12) 2-Chlorophenol            | 7.634  | 128  | 21877    | 9.64  | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.522  | 108  | 19170    | 9.50  | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.610  | 45   | 36376    | 10.14 | ng/ul  | 99       |
| 16) Acetophenone              | 8.916  | 105  | 31382    | 9.70  | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.893  | 70   | 15378    | 9.64  | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.852  | 108  | 20326    | 9.37  | ng/ul  | 96       |
| 19) Hexachloroethane          | 9.169  | 117  | 9645     | 9.96  | ng/ul  | 99       |
| 22) Nitrobenzene              | 9.299  | 77   | 24465    | 9.94  | ng/ul  | 96       |
| 23) Isophorone                | 9.822  | 82   | 42283    | 10.17 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 10.010 | 139  | 11296    | 9.58  | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 10.063 | 107  | 22717    | 9.85  | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.304 | 93   | 27856    | 10.13 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.546 | 162  | 19511    | 9.92  | ng/ul  | 98       |
| 30) Naphthalene               | 10.951 | 128  | 69599    | 9.89  | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 11.057 | 127  | 24390    | 9.10  | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.228 | 225  | 13561    | 10.52 | ng/ul  | 98       |
| 34) Caprolactam               | 11.828 | 113  | 5229     | 8.85  | ng/ul  | 95       |
| 35) 4-Chloro-3-methylphenol   | 12.169 | 107  | 19985    | 9.83  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.557 | 142  | 46692    | 9.93  | ng/ul  | 98       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.775 | 142  | 44988    | 9.93  | ng/ul | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.922 | 216  | 23380    | 9.92  | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.893 | 237  | 9271     | 6.76  | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 13.157 | 196  | 14593    | 9.96  | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.228 | 196  | 15382    | 9.68  | ng/ul | 95       |
| 43) 1,1'-Biphenyl             | 13.557 | 154  | 59787    | 10.00 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.604 | 162  | 46238    | 9.76  | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.804 | 65   | 12366    | 9.46  | ng/ul | 98       |
| 47) Dimethylphthalate         | 14.169 | 163  | 56299    | 10.25 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.292 | 165  | 10737    | 9.85  | ng/ul | 95       |
| 50) Acenaphthylene            | 14.445 | 152  | 67847    | 9.81  | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.622 | 138  | 9886     | 9.52  | ng/ul | 99       |
| 52) Acenaphthene              | 14.781 | 153  | 49576    | 9.99  | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.834 | 184  | 4375     | 6.69  | ng/ul | 95       |
| 55) 4-Nitrophenol             | 14.916 | 109  | 7561     | 9.56  | ng/ul | 93       |
| 56) Dibenzofuran              | 15.116 | 168  | 65821    | 9.84  | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.081 | 165  | 14351    | 9.38  | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.339 | 232  | 12550    | 9.78  | ng/ul | 95       |
| 59) Diethylphthalate          | 15.522 | 149  | 58177    | 10.69 | ng/ul | 100      |
| 61) Fluorene                  | 15.757 | 166  | 54763    | 9.83  | ng/ul | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.751 | 204  | 27509    | 10.19 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.775 | 138  | 9477     | 10.45 | ng/ul | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.839 | 198  | 7746     | 8.03  | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.963 | 169  | 44681    | 9.81  | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.639 | 248  | 16245    | 10.14 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.757 | 284  | 18717    | 10.16 | ng/ul | 97       |
| 70) Atrazine                  | 16.898 | 200  | 15777    | 9.99  | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.098 | 266  | 9289     | 8.72  | ng/ul | 96       |
| 72) Phenanthrene              | 17.486 | 178  | 82862    | 9.86  | ng/ul | 99       |
| 74) Anthracene                | 17.580 | 178  | 83581    | 9.78  | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.522 | 216  | 22694    | 9.81  | ng/uL | 99       |
| 76) Pentachlorobenzene        | 15.034 | 250  | 22618    | 10.06 | ng/uL | 98       |
| 77) Carbazole                 | 17.845 | 167  | 69554    | 9.47  | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.386 | 149  | 95294    | 11.19 | ng/ul | 99       |
| 80) Fluoranthene              | 19.480 | 202  | 89035    | 9.70  | ng/ul | 99       |
| 82) Pyrene                    | 19.839 | 202  | 91930    | 9.69  | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.710 | 149  | 40314    | 11.47 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 28598    | 11.21 | ng/ul | 96       |
| 85) Benzo(a)anthracene        | 21.557 | 228  | 82520    | 10.14 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 62912    | 13.04 | ng/ul | 99       |
| 87) Chrysene                  | 21.604 | 228  | 79808    | 9.90  | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.362 | 149  | 101807   | 11.91 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.180 | 252  | 79890    | 9.97  | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.227 | 252  | 77381    | 9.77  | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.780 | 252  | 71599    | 9.86  | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.239 | 276  | 84168    | 9.89  | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.250 | 278  | 71892    | 9.96  | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.968 | 276  | 70589    | 9.76  | ng/ul | 98       |

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

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