

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122721\  
 Data File : BP008547.D  
 Acq On : 27 Dec 2021 10:03  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020732

Quant Time: Dec 27 11:13:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 14:48:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 560877   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.704 | 136  | 2351173  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.534 | 164  | 1625768  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.281 | 188  | 3553302  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.363 | 240  | 3546065  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.792 | 264  | 3045207  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.352  | 96   | 103614   | 8.327  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.758  | 84   | 731351   | 21.002 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.058  | 99   | 924862   | 20.670 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67   | 517679   | 20.370 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.434  | 132  | 756633   | 21.257 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 743550   | 20.715 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 360341   | 21.659 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.781  | 143  | 340396   | 22.314 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.322 | 165  | 806639   | 21.541 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.834 | 131  | 1115945  | 21.589 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.945 | 166  | 2558969  | 21.303 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 3191693  | 21.250 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.716 | 143  | 423337   | 22.233 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.528 | 176  | 2236184  | 21.442 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 200  | 314926   | 20.134 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.381 | 188  | 3580968  | 21.267 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212  | 4157909  | 19.568 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.633 | 264  | 3329459  | 21.243 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.387  | 88   | 113064   | 8.404  | ng/uL  | 99       |
| 5) Pyridine                   | 3.775  | 79   | 757498   | 21.200 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.034  | 77   | 587283   | 23.027 | ng/u1  | 96       |
| 8) Phenol                     | 7.087  | 94   | 961487   | 20.913 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.322  | 93   | 757315   | 20.582 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.463  | 128  | 791090   | 21.295 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.340  | 108  | 735528   | 20.649 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 857870   | 20.240 | ng/u1  | 99       |
| 16) Acetophenone              | 8.722  | 105  | 1195832  | 21.536 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.710  | 70   | 586579   | 21.225 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.669  | 108  | 806109   | 21.137 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.993  | 117  | 310047   | 20.502 | ng/u1  | 99       |
| 22) Nitrobenzene              | 9.099  | 77   | 818309   | 21.316 | ng/u1  | 99       |
| 23) Isophorone                | 9.628  | 82   | 1681956  | 20.892 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.816  | 139  | 399461   | 22.754 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.875  | 107  | 873803   | 21.061 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93   | 1049437  | 20.855 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 806609   | 21.475 | ng/u1  | 98       |
| 30) Naphthalene               | 10.757 | 128  | 2613289  | 20.998 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.857 | 127  | 1144497  | 21.835 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 540650   | 20.760 | ng/u1  | 99       |
| 34) Caprolactam               | 11.616 | 113  | 248981   | 23.265 | ng/u1  | 92       |
| 35) 4-Chloro-3-methylphenol   | 11.981 | 107  | 803005   | 21.806 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.363 | 142  | 1872375  | 21.262 | ng/u1  | 98       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.581 | 142  | 1922441  | 21.443 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.734 | 216  | 1086033  | 20.696 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.722 | 237  | 633267   | 18.032 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.969 | 196  | 654311   | 21.958 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.034 | 196  | 734800   | 22.660 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.369 | 154  | 2597982  | 20.614 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.410 | 162  | 2019479  | 20.783 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.604 | 65   | 440820   | 22.571 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.992 | 163  | 2574283  | 21.481 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.104 | 165  | 487248   | 22.872 | ng/ul  | 92       |
| 50) Acenaphthylene            | 14.251 | 152  | 3266001  | 21.251 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.428 | 138  | 514770   | 23.449 | ng/ul# | 98       |
| 52) Acenaphthene              | 14.598 | 153  | 2118506  | 21.110 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.628 | 184  | 184979   | 20.572 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.728 | 109  | 295767   | 22.341 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.934 | 168  | 3135339  | 21.366 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.887 | 165  | 709115   | 24.058 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 576342   | 22.880 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.357 | 149  | 2515103  | 21.486 | ng/ul  | 99       |
| 61) Fluorene                  | 15.581 | 166  | 2535783  | 21.690 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.581 | 204  | 1322479  | 21.326 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.586 | 138  | 523386   | 26.012 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 333608   | 20.157 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.786 | 169  | 2228872  | 20.512 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248  | 778140   | 19.094 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.592 | 284  | 974127   | 20.531 | ng/ul  | 99       |
| 70) Atrazine                  | 16.745 | 200  | 842228   | 20.426 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.933 | 266  | 495567   | 20.434 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.328 | 178  | 4133697  | 21.122 | ng/ul  | 100      |
| 74) Anthracene                | 17.416 | 178  | 4198861  | 21.396 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.334 | 216  | 1178293  | 19.548 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.857 | 250  | 1103014  | 19.934 | ng/ul  | 98       |
| 77) Carbazole                 | 17.680 | 167  | 3747554  | 22.410 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.245 | 149  | 4271640  | 21.878 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.286 | 202  | 4977053  | 19.700 | ng/ul  | 98       |
| 82) Pyrene                    | 19.639 | 202  | 5084717  | 19.974 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.516 | 149  | 1800701  | 20.870 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 1582471  | 21.069 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.351 | 228  | 4845565  | 21.166 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 2793901  | 21.333 | ng/ul  | 98       |
| 87) Chrysene                  | 21.398 | 228  | 4649490  | 21.035 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.221 | 149  | 4272861  | 22.035 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.051 | 252  | 4492207  | 22.262 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.104 | 252  | 4165845  | 21.390 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.686 | 252  | 4097321  | 21.212 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 3985191  | 18.709 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.345 | 278  | 3457051  | 18.704 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.104 | 276  | 3224983  | 18.319 | ng/ul  | 99       |

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

