

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122321\  
 Data File : BP008517.D  
 Acq On : 23 Dec 2021 09:23  
 Operator : CG/JU  
 Sample : SSTD01037  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD010644

Quant Time: Dec 23 11:59:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 11:56:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 490740   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.710 | 136  | 1988327  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.534 | 164  | 1340773  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.280 | 188  | 2751294  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.363 | 240  | 2400255  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.798 | 264  | 2112142  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.352  | 96   | 46920    | 4.174  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.758  | 84   | 323900   | 10.313 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.057  | 99   | 405164   | 10.010 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.234  | 67   | 237397   | 10.312 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.434  | 132  | 331959   | 10.304 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 320752   | 9.775  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 145545   | 10.568 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.787  | 143  | 122126   | 9.890  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.322 | 165  | 336062   | 10.539 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.834 | 131  | 484002   | 10.953 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.945 | 166  | 1093010  | 10.892 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 1377105  | 10.910 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.710 | 143  | 145597   | 9.735  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.528 | 176  | 950869   | 11.034 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 92721    | 8.314  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.380 | 188  | 1466831  | 11.130 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212  | 1574071  | 10.453 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.633 | 264  | 1145496  | 10.498 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.387  | 88   | 51895    | 4.301  | ng/uL  | 98       |
| 5) Pyridine                   | 3.775  | 79   | 340386   | 10.528 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.040  | 77   | 269792   | 11.525 | ng/u1  | 96       |
| 8) Phenol                     | 7.087  | 94   | 426670   | 10.292 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.328  | 93   | 342419   | 10.348 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.469  | 128  | 350635   | 10.546 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.346  | 108  | 321203   | 9.883  | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 404556   | 10.418 | ng/u1  | 99       |
| 16) Acetophenone              | 8.722  | 105  | 538152   | 10.704 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.710  | 70   | 268184   | 10.338 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.669  | 108  | 351105   | 10.117 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.993  | 117  | 143173   | 10.659 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.099  | 77   | 351788   | 10.887 | ng/u1  | 98       |
| 23) Isophorone                | 9.628  | 82   | 745957   | 10.347 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.816  | 139  | 146129   | 10.259 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.875  | 107  | 382749   | 10.592 | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93   | 466877   | 10.711 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 342572   | 10.887 | ng/u1  | 99       |
| 30) Naphthalene               | 10.757 | 128  | 1173587  | 11.173 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.857 | 127  | 497649   | 11.164 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 238171   | 11.035 | ng/u1  | 98       |
| 34) Caprolactam               | 11.610 | 113  | 90844    | 12.040 | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.981 | 107  | 335098   | 10.465 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.363 | 142  | 827089   | 10.960 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.581 | 142  | 848898   | 11.084 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.734 | 216  | 467751   | 11.005 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.722 | 237  | 281324   | 9.706  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.969 | 196  | 255185   | 11.008 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.034 | 196  | 281189   | 11.534 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.375 | 154  | 1154883  | 11.089 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.410 | 162  | 887079   | 11.095 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.604 | 65   | 158694   | 10.091 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 13.992 | 163  | 1088725  | 10.883 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.098 | 165  | 173763   | 10.397 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.257 | 152  | 1423895  | 11.126 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.422 | 138  | 179772   | 10.192 | ng/ul  | 93       |
| 52) Acenaphthene              | 14.598 | 153  | 925010   | 11.134 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.628 | 184  | 54865    | 8.674  | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.722 | 109  | 109949   | 10.312 | ng/ul  | 98       |
| 56) Dibenzofuran              | 14.934 | 168  | 1349246  | 11.214 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.886 | 165  | 241576   | 10.484 | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 207580   | 10.443 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.357 | 149  | 1064551  | 10.772 | ng/ul  | 99       |
| 61) Fluorene                  | 15.581 | 166  | 1093901  | 11.307 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.581 | 204  | 570942   | 11.284 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.586 | 138  | 183725   | 11.295 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.645 | 198  | 101071   | 8.491  | ng/ul# | 94       |
| 67) N-Nitrosodiphenylamine    | 15.786 | 169  | 944046   | 11.070 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248  | 338920   | 10.649 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.592 | 284  | 396346   | 10.890 | ng/ul  | 99       |
| 70) Atrazine                  | 16.739 | 200  | 332977   | 10.350 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.933 | 266  | 164143   | 9.121  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.328 | 178  | 1711780  | 11.282 | ng/ul  | 99       |
| 74) Anthracene                | 17.416 | 178  | 1727642  | 11.334 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.340 | 216  | 501180   | 10.824 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.857 | 250  | 466224   | 10.929 | ng/uL  | 100      |
| 77) Carbazole                 | 17.680 | 167  | 1501333  | 11.546 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.245 | 149  | 1682282  | 10.553 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.286 | 202  | 1901349  | 10.431 | ng/ul  | 99       |
| 82) Pyrene                    | 19.639 | 202  | 1968135  | 10.819 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.521 | 149  | 565422   | 9.210  | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 529501   | 10.437 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.351 | 228  | 1707203  | 10.927 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149  | 886936   | 9.515  | ng/ul# | 99       |
| 87) Chrysene                  | 21.404 | 228  | 1654531  | 11.058 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.227 | 149  | 1259847  | 9.073  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.051 | 252  | 1489802  | 10.444 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.104 | 252  | 1480427  | 11.120 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.686 | 252  | 1449228  | 10.760 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 1555992  | 10.367 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.345 | 278  | 1359102  | 10.537 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.098 | 276  | 1294207  | 10.417 | ng/ul  | 99       |

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

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