

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102521\  
 Data File : BP007669.D  
 Acq On : 26 Oct 2021 07:49  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020717

Quant Time: Oct 26 08:20:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP102521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 25 16:57:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 288279   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.739 | 136  | 1160703  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.575 | 164  | 757801   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.327 | 188  | 1607568  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.421 | 240  | 1652514  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.868 | 264  | 1833239  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 48485    | 7.640  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 367445   | 19.147 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.098  | 99   | 418089   | 19.094 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.263  | 67   | 239840   | 19.729 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.469  | 132  | 342149   | 20.091 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.645  | 113  | 336361   | 19.618 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.092  | 128  | 156807   | 19.824 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.822  | 143  | 171055   | 19.800 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.363 | 165  | 355275   | 20.204 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.875 | 131  | 448499   | 19.289 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.986 | 166  | 998466   | 19.451 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.263 | 160  | 1236254  | 19.650 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.769 | 143  | 176144   | 18.720 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.569 | 176  | 836849   | 19.338 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.686 | 200  | 154318   | 17.946 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.427 | 188  | 1289443  | 19.518 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.662 | 212  | 1529830  | 19.884 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.709 | 264  | 1742724  | 19.351 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.405  | 88   | 52689    | 7.426  | ng/uL  | 92       |
| 5) Pyridine                   | 3.804  | 79   | 363515   | 19.338 | ng/u1  | 99       |
| 6) Benzaldehyde               | 7.069  | 77   | 244630   | 23.239 | ng/u1  | 99       |
| 8) Phenol                     | 7.128  | 94   | 431057   | 19.484 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.357  | 93   | 344656   | 19.761 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.498  | 128  | 346659   | 20.079 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.381  | 108  | 328871   | 19.679 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.475  | 45   | 395213   | 19.950 | ng/u1  | 96       |
| 16) Acetophenone              | 8.757  | 105  | 512455   | 20.026 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.745  | 70   | 250088   | 20.548 | ng/u1  | 94       |
| 18) 4-Methylphenol            | 8.710  | 108  | 351111   | 19.702 | ng/u1  | 99       |
| 19) Hexachloroethane          | 9.022  | 117  | 138978   | 19.669 | ng/u1  | 88       |
| 22) Nitrobenzene              | 9.134  | 77   | 378220   | 20.265 | ng/u1  | 97       |
| 23) Isophorone                | 9.669  | 82   | 716072   | 20.056 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.851  | 139  | 190821   | 20.522 | ng/u1# | 95       |
| 26) 2,4-Dimethylphenol        | 9.916  | 107  | 399361   | 20.173 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.151 | 93   | 452371   | 19.764 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.386 | 162  | 342797   | 19.898 | ng/u1  | 97       |
| 30) Naphthalene               | 10.792 | 128  | 1056694  | 19.284 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.898 | 127  | 460238   | 19.447 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.086 | 225  | 241868   | 19.257 | ng/u1  | 99       |
| 34) Caprolactam               | 11.669 | 113  | 105306   | 18.642 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.022 | 107  | 363263   | 20.367 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.398 | 142  | 744566   | 19.764 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.616 | 142  | 749442   | 19.702 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 444762   | 19.349 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.757 | 237  | 264020   | 17.712 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.010 | 196  | 285028   | 19.708 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.080 | 196  | 307255   | 19.730 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.410 | 154  | 1010232  | 19.297 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.451 | 162  | 777352   | 19.161 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.651 | 65   | 209913   | 20.509 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 14.033 | 163  | 989941   | 19.511 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.145 | 165  | 201452   | 20.788 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.292 | 152  | 1245468  | 19.553 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.475 | 138  | 203323   | 19.782 | ng/ul# | 93       |
| 52) Acenaphthene              | 14.639 | 153  | 800512   | 19.055 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.680 | 184  | 99456    | 16.443 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.780 | 109  | 158069   | 19.002 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.974 | 168  | 1173767  | 19.113 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 281787   | 20.247 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.198 | 232  | 251977   | 19.851 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.398 | 149  | 969413   | 19.482 | ng/ul  | 98       |
| 61) Fluorene                  | 15.621 | 166  | 912102   | 19.054 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.621 | 204  | 486847   | 19.178 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.639 | 138  | 192409   | 20.164 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 155373   | 17.951 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.833 | 169  | 820796   | 19.790 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.516 | 248  | 306317   | 19.542 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.633 | 284  | 354344   | 19.521 | ng/ul  | 96       |
| 70) Atrazine                  | 16.792 | 200  | 327740   | 19.058 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.980 | 266  | 205924   | 18.267 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.368 | 178  | 1492088  | 19.203 | ng/ul  | 100      |
| 74) Anthracene                | 17.463 | 178  | 1499489  | 19.402 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.375 | 216  | 465146   | 19.791 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.892 | 250  | 445472   | 19.656 | ng/ul  | 100      |
| 77) Carbazole                 | 17.727 | 167  | 1369606  | 19.196 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.292 | 149  | 1607188  | 19.675 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.339 | 202  | 1860013  | 19.727 | ng/ul  | 97       |
| 82) Pyrene                    | 19.692 | 202  | 1900896  | 19.919 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.568 | 149  | 736071   | 19.823 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 624760   | 20.399 | ng/ul# | 98       |
| 85) Benzo(a)anthracene        | 21.404 | 228  | 1936077  | 19.729 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 1076618  | 19.513 | ng/ul# | 99       |
| 87) Chrysene                  | 21.456 | 228  | 1849161  | 19.489 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.280 | 149  | 1891900  | 18.527 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.121 | 252  | 2090327  | 19.351 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.168 | 252  | 1915723  | 18.951 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.756 | 252  | 2026777  | 19.366 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.427 | 276  | 2432084  | 19.509 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.444 | 278  | 2086892  | 19.534 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.209 | 276  | 2084418  | 19.658 | ng/ul  | 97       |

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

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