

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072621\  
 Data File : BP006342.D  
 Acq On : 26 Jul 2021 17:24  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020659

Quant Time: Jul 26 18:30:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 26 18:25:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 261214   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 1137638  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.416 | 164  | 656767   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 1258475  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.263 | 240  | 1162843  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.615 | 264  | 1176017  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.305  | 96   | 58802    | 8.403  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.711  | 84   | 422382   | 20.332 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.957  | 99   | 500364   | 20.396 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 317323   | 20.788 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 387155   | 21.241 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.493  | 113  | 389910   | 20.210 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.946  | 128  | 175140   | 20.676 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.663  | 143  | 172217   | 21.292 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 335892   | 21.193 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.716 | 131  | 521371   | 19.981 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.834 | 166  | 966045   | 20.667 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.104 | 160  | 1229656  | 21.412 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.616 | 143  | 184116   | 19.837 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.410 | 176  | 795448   | 20.243 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 200  | 130728   | 18.634 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.269 | 188  | 1186677  | 20.889 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.510 | 212  | 1243402  | 20.789 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.462 | 264  | 1280191  | 21.422 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.340  | 88   | 64310    | 8.704  | ng/uL  | 99       |
| 5) Pyridine                   | 3.728  | 79   | 436187   | 20.133 | ng/u1  | 98       |
| 6) Benzaldehyde               | 6.940  | 77   | 338082   | 25.258 | ng/u1  | 98       |
| 8) Phenol                     | 6.987  | 94   | 513381   | 20.472 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 407283   | 20.648 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.352  | 128  | 392711   | 21.252 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.228  | 108  | 373601   | 20.416 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 463795   | 21.046 | ng/u1  | 98       |
| 16) Acetophenone              | 8.610  | 105  | 621940   | 20.964 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.599  | 70   | 341611   | 22.010 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.557  | 108  | 400248   | 20.369 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.857  | 117  | 160185   | 21.192 | ng/u1  | 100      |
| 22) Nitrobenzene              | 8.987  | 77   | 482272   | 21.943 | ng/u1  | 99       |
| 23) Isophorone                | 9.516  | 82   | 856600   | 21.802 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.693  | 139  | 195979   | 21.973 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.757  | 107  | 456303   | 21.572 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 9.998  | 93   | 537318   | 21.296 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.222 | 162  | 330528   | 21.256 | ng/u1  | 99       |
| 30) Naphthalene               | 10.622 | 128  | 1231287  | 20.861 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.740 | 127  | 533494   | 20.755 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.910 | 225  | 194101   | 20.461 | ng/u1  | 97       |
| 34) Caprolactam               | 11.510 | 113  | 107924   | 20.100 | ng/u1  | 94       |
| 35) 4-Chloro-3-methylphenol   | 11.857 | 107  | 401094   | 21.607 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.234 | 142  | 851292   | 21.048 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.451 | 142  | 835618   | 20.526 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 369057   | 20.852 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.581 | 237  | 235078   | 20.417 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.845 | 196  | 235578   | 21.480 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.910 | 196  | 254322   | 21.194 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.251 | 154  | 1026201  | 20.844 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.287 | 162  | 777736   | 20.923 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.498 | 65   | 255288   | 23.249 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.881 | 163  | 964511   | 21.021 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.998 | 165  | 181191   | 21.601 | ng/ul | 97       |
| 50) Acenaphthylene            | 14.134 | 152  | 1235853  | 22.098 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.322 | 138  | 217847   | 22.165 | ng/ul | 97       |
| 52) Acenaphthene              | 14.481 | 153  | 854364   | 20.822 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.528 | 184  | 129172   | 25.965 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.628 | 109  | 160566   | 21.388 | ng/ul | 95       |
| 56) Dibenzofuran              | 14.816 | 168  | 1133761  | 20.603 | ng/ul | 97       |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 261298   | 21.799 | ng/ul | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.039 | 232  | 205554   | 21.966 | ng/ul | 95       |
| 59) Diethylphthalate          | 15.251 | 149  | 1006091  | 21.171 | ng/ul | 100      |
| 61) Fluorene                  | 15.463 | 166  | 936373   | 20.686 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 430908   | 20.420 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.486 | 138  | 230212   | 23.849 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 135194   | 19.712 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.681 | 169  | 810685   | 21.684 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.363 | 248  | 245042   | 24.313 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.463 | 284  | 281088   | 20.796 | ng/ul | 98       |
| 70) Atrazine                  | 16.639 | 200  | 265805   | 20.545 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.810 | 266  | 162752   | 19.154 | ng/ul | 100      |
| 72) Phenanthrene              | 17.210 | 178  | 1425280  | 21.091 | ng/ul | 99       |
| 74) Anthracene                | 17.298 | 178  | 1440151  | 21.018 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216  | 384613   | 22.296 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.728 | 250  | 338001   | 20.099 | ng/uL | 100      |
| 77) Carbazole                 | 17.575 | 167  | 1338916  | 21.361 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.145 | 149  | 1637857  | 21.864 | ng/ul | 99       |
| 80) Fluoranthene              | 19.180 | 202  | 1542503  | 20.930 | ng/ul | 99       |
| 82) Pyrene                    | 19.533 | 202  | 1602995  | 20.961 | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 714859   | 22.782 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.192 | 252  | 518120   | 20.222 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.251 | 228  | 1505460  | 20.893 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 1106652  | 22.525 | ng/ul | 99       |
| 87) Chrysene                  | 21.304 | 228  | 1447549  | 20.959 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.110 | 149  | 1814779  | 22.144 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.898 | 252  | 1520911  | 20.361 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.945 | 252  | 1508181  | 21.274 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.510 | 252  | 1338117  | 20.494 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.039 | 276  | 1735012  | 20.759 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.068 | 278  | 1471224  | 20.784 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 26.780 | 276  | 1428608  | 20.688 | ng/ul | 97       |

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

