

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101122\  
 Data File : BP012115.D  
 Acq On : 13 Oct 2022 11:51  
 Operator : CG/JU  
 Sample : PB148249BS  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS249

Quant Time: Oct 13 23:31:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 12 23:03:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 266657   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.657 | 136  | 1059643  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.498 | 164  | 577936   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.257 | 188  | 1134245  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.351 | 240  | 1272350  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.763 | 264  | 1344148  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 38452    | 5.685  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.693  | 84   | 494194   | 27.476 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.016  | 99   | 653574   | 30.475 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 359453   | 29.528 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 537130   | 31.552 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 487390   | 29.588 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 251113   | 33.554 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.740  | 143  | 266508   | 35.121 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 474286   | 32.250 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.799 | 131  | 612052   | 28.242 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.910 | 166  | 1141092  | 31.176 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.192 | 160  | 1441130  | 31.841 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.710 | 143  | 242295   | 33.719 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.492 | 176  | 1037422  | 31.327 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 200  | 189340   | 31.614 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.357 | 188  | 1571319  | 31.903 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.592 | 212  | 1916995  | 29.409 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.610 | 264  | 2132391  | 32.634 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.311  | 88   | 76764    | 10.786 | ng/uL  | 97       |
| 5) Pyridine                   | 3.717  | 79   | 484696   | 28.125 | ng/u1  | 95       |
| 6) Benzaldehyde               | 6.993  | 77   | 386119   | 38.374 | ng/u1  | 100      |
| 8) Phenol                     | 7.046  | 94   | 633869   | 28.154 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.275  | 93   | 500635   | 28.183 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.410  | 128  | 541458   | 29.308 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.299  | 108  | 470938   | 28.045 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 479869   | 26.356 | ng/u1  | 97       |
| 16) Acetophenone              | 8.681  | 105  | 717761   | 28.263 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.663  | 70   | 317880   | 27.482 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.628  | 108  | 506286   | 27.972 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.928  | 117  | 209505   | 29.376 | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.057  | 77   | 521702   | 30.410 | ng/u1  | 100      |
| 23) Isophorone                | 9.587  | 82   | 881476   | 28.967 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.769  | 139  | 284896   | 31.956 | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.834  | 107  | 500448   | 28.823 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.069 | 93   | 602849   | 28.870 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.304 | 162  | 460735   | 29.811 | ng/u1  | 99       |
| 30) Naphthalene               | 10.704 | 128  | 1608210  | 28.720 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.822 | 127  | 575779   | 25.769 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.987 | 225  | 278554   | 29.065 | ng/u1  | 99       |
| 34) Caprolactam               | 11.616 | 113  | 123249   | 29.021 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.951 | 107  | 432905   | 29.567 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.316 | 142  | 1013198  | 28.100 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.540 | 142  | 1013075  | 28.056 | ng/u1  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.687 | 216  | 519577   | 29.410 | ng/u1  | 99       |
| 40) Hexachlorocyclopentadiene | 12.657 | 237  | 219686   | 25.601 | ng/u1  | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.928 | 196  | 328894   | 30.906 | ng/u1  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.004 | 196  | 353782   | 30.589 | ng/u1  | 98       |
| 43) 1,1'-Biphenyl             | 13.328 | 154  | 1275158  | 29.226 | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.369 | 162  | 1022910  | 29.359 | ng/u1  | 98       |
| 45) 2-Nitroaniline            | 13.587 | 65   | 240112   | 32.306 | ng/u1  | 94       |
| 47) Dimethylphthalate         | 13.957 | 163  | 1131892  | 29.352 | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.081 | 165  | 227770   | 33.361 | ng/u1  | 98       |
| 50) Acenaphthylene            | 14.222 | 152  | 1540972  | 30.090 | ng/u1  | 100      |
| 51) 3-Nitroaniline            | 14.416 | 138  | 246453   | 31.000 | ng/u1  | 97       |
| 52) Acenaphthene              | 14.563 | 153  | 1060195  | 29.080 | ng/u1  | 99       |
| 53) 2,4-Dinitrophenol         | 14.622 | 184  | 118605   | 26.890 | ng/u1  | 97       |
| 55) 4-Nitrophenol             | 14.722 | 109  | 156131   | 31.428 | ng/u1  | 98       |
| 56) Dibenzofuran              | 14.898 | 168  | 1434179  | 29.107 | ng/u1  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.869 | 165  | 331156   | 33.749 | ng/u1  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.128 | 232  | 288746   | 32.030 | ng/u1  | 95       |
| 59) Diethylphthalate          | 15.322 | 149  | 1068705  | 30.261 | ng/u1  | 99       |
| 61) Fluorene                  | 15.551 | 166  | 1155702  | 29.881 | ng/u1  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.545 | 204  | 537612   | 28.733 | ng/u1  | 97       |
| 63) 4-Nitroaniline            | 15.581 | 138  | 277856   | 38.276 | ng/u1  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.634 | 198  | 190721   | 29.456 | ng/u1# | 96       |
| 67) N-Nitrosodiphenylamine    | 15.763 | 169  | 952814   | 28.381 | ng/u1  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.445 | 248  | 315489   | 28.584 | ng/u1  | 97       |
| 69) Hexachlorobenzene         | 16.557 | 284  | 368787   | 28.788 | ng/u1  | 95       |
| 70) Atrazine                  | 16.722 | 200  | 314541   | 30.468 | ng/u1  | 100      |
| 71) Pentachlorophenol         | 16.904 | 266  | 235511   | 31.378 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.298 | 178  | 1808342  | 29.316 | ng/u1  | 99       |
| 74) Anthracene                | 17.392 | 178  | 1832206  | 30.016 | ng/u1  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.293 | 216  | 530558   | 28.947 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.816 | 250  | 464619   | 25.812 | ng/uL  | 98       |
| 77) Carbazole                 | 17.669 | 167  | 1714803  | 31.497 | ng/u1  | 99       |
| 78) Di-n-butylphthalate       | 18.216 | 149  | 1694462  | 31.363 | ng/u1  | 100      |
| 80) Fluoranthene              | 19.269 | 202  | 2182789  | 27.329 | ng/u1  | 99       |
| 82) Pyrene                    | 19.622 | 202  | 2338060  | 27.661 | ng/u1  | 97       |
| 83) Butylbenzylphthalate      | 20.498 | 149  | 840272   | 31.360 | ng/u1  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.269 | 252  | 809176   | 28.861 | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.333 | 228  | 2412215  | 30.120 | ng/u1  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.251 | 149  | 1169228  | 32.369 | ng/u1  | 100      |
| 87) Chrysene                  | 21.386 | 228  | 2280264  | 29.579 | ng/u1  | 99       |
| 89) Di-n-octyl phthalate      | 22.180 | 149  | 2138210  | 31.774 | ng/u1  | 100      |
| 90) Benzo(b)fluoranthene      | 23.027 | 252  | 2584113  | 30.372 | ng/u1  | 97       |
| 91) Benzo(k)fluoranthene      | 23.074 | 252  | 2499885  | 29.871 | ng/u1  | 98       |
| 93) Benzo(a)pyrene            | 23.663 | 252  | 2310042  | 30.432 | ng/u1  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.286 | 276  | 3005443  | 31.314 | ng/u1  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.309 | 278  | 2572623  | 29.878 | ng/u1  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.057 | 276  | 2524925  | 29.177 | ng/u1  | 96       |

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

