

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081021\  
 Data File : BP006650.D  
 Acq On : 11 Aug 2021 11:31  
 Operator : CG/JU  
 Sample : PB138246BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS246

Manual Integrations  
 APPROVED

mohammad  
 8/11/2021 9:29:30 PM

Quant Time: Aug 11 11:45:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP081021.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 10 15:09:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 150426   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.505 | 136  | 658040   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.357 | 164  | 376857   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.110 | 188  | 741360   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.216 | 240  | 705553   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.533 | 264  | 729292   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.223  | 96   | 31628    | 7.112  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.628  | 84   | 455616   | 35.637 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.899  | 99   | 568218   | 37.575 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.064  | 67   | 351675   | 37.841 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.252  | 132  | 438394   | 38.925 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.434  | 113  | 446884   | 36.990 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.875  | 128  | 221277   | 39.614 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.593  | 143  | 230686   | 39.468 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.128 | 165  | 381475   | 38.630 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.646 | 131  | 580329   | 36.156 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.781 | 166  | 1149556  | 39.776 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.045 | 160  | 1432538  | 40.410 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.581 | 143  | 244578   | 40.514 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.357 | 176  | 937052   | 39.866 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 200  | 180362   | 36.806 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.216 | 188  | 1413348  | 40.292 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.457 | 212  | 1577427  | 42.574 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.380 | 264  | 1532199  | 38.960 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.258  | 88   | 67153    | 14.861 | ng/uL  | 98       |
| 5) Pyridine                   | 3.652  | 79   | 473367   | 35.766 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.869  | 77   | 382917   | 51.500 | ng/u1  | 98       |
| 8) Phenol                     | 6.928  | 94   | 594349   | 38.484 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.158  | 93   | 457290   | 38.415 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.281  | 128  | 456794   | 40.222 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.169  | 108  | 430509   | 37.887 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.246  | 45   | 531678   | 38.226 | ng/u1  | 99       |
| 16) Acetophenone              | 8.546  | 105  | 708240   | 37.240 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.534  | 70   | 390773   | 38.200 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.499  | 108  | 463274   | 37.501 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.781  | 117  | 197550   | 39.973 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.916  | 77   | 588714   | 40.257 | ng/u1  | 99       |
| 23) Isophorone                | 9.446  | 82   | 1054739  | 38.677 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.622  | 139  | 248873   | 40.371 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.693  | 107  | 459868   | 34.724 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.934  | 93   | 613619   | 38.817 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 384221   | 40.105 | ng/u1  | 99       |
| 30) Naphthalene               | 10.552 | 128  | 1413967  | 39.592 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.675 | 127  | 577049   | 36.638 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.834 | 225  | 226849   | 40.160 | ng/u1  | 99       |
| 34) Caprolactam               | 11.469 | 113  | 149537m  | 38.987 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.804 | 107  | 494502   | 40.350 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.169 | 142  | 960444   | 39.137 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.387 | 142  | 935568   | 38.308 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.540 | 216  | 411971   | 40.564 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.516 | 237  | 189154   | 28.389 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.787 | 196  | 285928   | 40.995 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.857 | 196  | 312933   | 42.142 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.193 | 154  | 1177503  | 40.192 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.228 | 162  | 886291   | 39.875 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.446 | 65   | 344631   | 42.997 | ng/ul | 100      |
| 47) Dimethylphthalate         | 13.828 | 163  | 1153301  | 40.345 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.945 | 165  | 233848   | 42.384 | ng/ul | 91       |
| 50) Acenaphthylene            | 14.081 | 152  | 1386592  | 40.012 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.275 | 138  | 279122   | 44.176 | ng/ul | 96       |
| 52) Acenaphthene              | 14.422 | 153  | 986647   | 39.930 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.487 | 184  | 129501   | 36.289 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.593 | 109  | 230000   | 42.487 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.757 | 168  | 1335437  | 40.420 | ng/ul | 96       |
| 57) 2,4-Dinitrotoluene        | 14.740 | 165  | 349866   | 43.103 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.987 | 232  | 253042   | 41.050 | ng/ul | 94       |
| 59) Diethylphthalate          | 15.198 | 149  | 1257570  | 41.388 | ng/ul | 99       |
| 61) Fluorene                  | 15.410 | 166  | 1112088  | 40.369 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.410 | 204  | 501699   | 40.229 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.445 | 138  | 300234   | 50.744 | ng/ul | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 184737   | 37.712 | ng/ul | 93       |
| 67) N-Nitrosodiphenylamine    | 15.628 | 169  | 935080   | 41.063 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.310 | 248  | 299028   | 40.897 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.416 | 284  | 338715   | 40.991 | ng/ul | 98       |
| 70) Atrazine                  | 16.592 | 200  | 324281   | 40.142 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.763 | 266  | 215735   | 39.859 | ng/ul | 99       |
| 72) Phenanthrene              | 17.157 | 178  | 1717115  | 40.999 | ng/ul | 99       |
| 74) Anthracene                | 17.251 | 178  | 1717139  | 40.375 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.151 | 216  | 410897   | 40.759 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.675 | 250  | 405149   | 40.790 | ng/uL | 98       |
| 77) Carbazole                 | 17.528 | 167  | 1625426  | 40.919 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.092 | 149  | 2126883  | 41.411 | ng/ul | 100      |
| 80) Fluoranthene              | 19.133 | 202  | 1941930  | 41.700 | ng/ul | 100      |
| 82) Pyrene                    | 19.486 | 202  | 1988187  | 41.334 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.375 | 149  | 983415   | 41.355 | ng/ul | 94       |
| 84) 3,3'-Dichlorobenzidine    | 21.139 | 252  | 606711   | 37.683 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.198 | 228  | 1880716  | 40.924 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.139 | 149  | 1503715  | 41.037 | ng/ul | 100      |
| 87) Chrysene                  | 21.251 | 228  | 1808133  | 40.807 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.045 | 149  | 2571597  | 40.793 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.827 | 252  | 1963673  | 41.449 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.874 | 252  | 1891576  | 41.240 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.433 | 252  | 1753687  | 40.862 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.921 | 276  | 2286062  | 40.738 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 25.945 | 278  | 1919468  | 40.722 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.662 | 276  | 1898831  | 40.754 | ng/ul | 98       |

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

