

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102521\  
 Data File : BP007673.D  
 Acq On : 26 Oct 2021 10:05  
 Operator : CG/JU  
 Sample : PB140137BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS137

Manual Integrations  
 APPROVED

mohammad  
 10/27/2021 11:50:27 AM

Quant Time: Oct 26 11:00:15 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     | 7.934  | 152  | 195718   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.740 | 136  | 770480   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.575 | 164  | 490990   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.328 | 188  | 1049020  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.422 | 240  | 1125544  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.869 | 264  | 1205151  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.370  | 96   | 33036    | 7.668  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 478675   | 36.739 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.099  | 99   | 571313   | 38.431 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.264  | 67   | 325188   | 39.400 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.469  | 132  | 459311   | 39.726 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.646  | 113  | 446062   | 38.320 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.093  | 128  | 215235   | 40.992 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.816  | 143  | 236344   | 41.213 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.363 | 165  | 462229   | 39.599 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.875 | 131  | 561823   | 36.401 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.987 | 166  | 1314412  | 39.521 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 1607017  | 39.423 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.769 | 143  | 244016   | 40.026 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.569 | 176  | 1100486  | 39.250 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.687 | 200  | 206509   | 36.803 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.428 | 188  | 1705705  | 39.566 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 2141376  | 40.865 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.710 | 264  | 2296505  | 38.791 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.399  | 88   | 67500    | 14.013 | ng/uL  | 90       |
| 5) Pyridine                   | 3.799  | 79   | 460488   | 36.081 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.069  | 77   | 341800   | 47.827 | ng/u1  | 98       |
| 8) Phenol                     | 7.128  | 94   | 574774   | 38.268 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.358  | 93   | 450566   | 38.051 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.499  | 128  | 461603   | 39.381 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.381  | 108  | 431501   | 38.032 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469  | 45   | 524804   | 39.021 | ng/u1  | 98       |
| 16) Acetophenone              | 8.758  | 105  | 657889   | 37.868 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.752  | 70   | 320266   | 38.759 | ng/u1  | 94       |
| 18) 4-Methylphenol            | 8.710  | 108  | 458461   | 37.892 | ng/u1  | 99       |
| 19) Hexachloroethane          | 9.022  | 117  | 188546   | 39.305 | ng/u1  | 92       |
| 22) Nitrobenzene              | 9.134  | 77   | 490475   | 39.589 | ng/u1  | 98       |
| 23) Isophorone                | 9.669  | 82   | 927006   | 39.114 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.852  | 139  | 250562   | 40.594 | ng/u1  | 95       |
| 26) 2,4-Dimethylphenol        | 9.916  | 107  | 502367   | 38.228 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.152 | 93   | 588438   | 38.730 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.387 | 162  | 446112   | 39.009 | ng/u1  | 97       |
| 30) Naphthalene               | 10.793 | 128  | 1371456  | 37.703 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.899 | 127  | 557956   | 35.516 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.087 | 225  | 320038   | 38.385 | ng/u1  | 99       |
| 34) Caprolactam               | 11.669 | 113  | 136220m  | 36.327 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.028 | 107  | 469209   | 39.631 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.399 | 142  | 955293   | 38.200 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.616 | 142  | 959194   | 37.988 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 567187   | 38.084 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.757 | 237  | 318208   | 32.947 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.010 | 196  | 371079   | 39.600 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.081 | 196  | 404883   | 40.128 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.410 | 154  | 1293933  | 38.148 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.451 | 162  | 993833   | 37.809 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.651 | 65   | 277858   | 41.900 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 14.034 | 163  | 1277424  | 38.859 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.146 | 165  | 263045   | 41.895 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.293 | 152  | 1583777  | 38.375 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.475 | 138  | 262088   | 39.357 | ng/ul# | 94       |
| 52) Acenaphthene              | 14.640 | 153  | 1035542  | 38.045 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.681 | 184  | 131965   | 33.674 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.787 | 109  | 209280   | 38.830 | ng/ul  | 93       |
| 56) Dibenzofuran              | 14.975 | 168  | 1502488  | 37.761 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 379950   | 42.135 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.198 | 232  | 331949   | 40.362 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.404 | 149  | 1271364  | 39.434 | ng/ul  | 98       |
| 61) Fluorene                  | 15.622 | 166  | 1169849  | 37.719 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.622 | 204  | 613595   | 37.306 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.640 | 138  | 261682   | 42.327 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.704 | 198  | 206856   | 36.624 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine    | 15.834 | 169  | 1049661  | 38.784 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.516 | 248  | 400652   | 39.170 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.634 | 284  | 460936   | 38.915 | ng/ul  | 99       |
| 70) Atrazine                  | 16.792 | 200  | 418952   | 37.334 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.981 | 266  | 276094   | 37.533 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.375 | 178  | 1961045  | 38.677 | ng/ul  | 99       |
| 74) Anthracene                | 17.463 | 178  | 1923048  | 38.131 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.375 | 216  | 574519   | 37.459 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.898 | 250  | 543537   | 36.752 | ng/ul  | 99       |
| 77) Carbazole                 | 17.734 | 167  | 1801174  | 38.687 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.292 | 149  | 2157405  | 40.474 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.339 | 202  | 2473919  | 38.522 | ng/ul  | 98       |
| 82) Pyrene                    | 19.692 | 202  | 2480629  | 38.164 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.569 | 149  | 1008852  | 39.890 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 848460   | 40.674 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.404 | 228  | 2593849  | 38.808 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 1476798  | 39.297 | ng/ul# | 100      |
| 87) Chrysene                  | 21.457 | 228  | 2487709  | 38.495 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.280 | 149  | 2641825  | 39.353 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.122 | 252  | 2841391  | 40.013 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.169 | 252  | 2623690  | 39.482 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.763 | 252  | 2733692  | 39.733 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.427 | 276  | 3305040  | 40.328 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.451 | 278  | 2833963  | 40.353 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.210 | 276  | 2846474  | 40.835 | ng/ul  | 96       |

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

