

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081021\  
 Data File : BP006632.D  
 Acq On : 10 Aug 2021 20:08  
 Operator : CG/JU  
 Sample : PB138137BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS137

Manual Integrations  
 APPROVED

mohammad  
 8/11/2021 9:28:09 PM

Quant Time: Aug 11 01:16:53 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     | 7.722  | 152  | 166227   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.504 | 136  | 731766   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.357 | 164  | 425991   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 831995   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.216 | 240  | 804551   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.533 | 264  | 820512   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 38530    | 7.840  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 555092   | 39.291 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.905  | 99   | 709769   | 42.474 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.069  | 67   | 435378   | 42.394 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.257  | 132  | 548225   | 44.050 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.440  | 113  | 568862   | 42.611 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.881  | 128  | 278647   | 44.859 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.599  | 143  | 294935   | 45.377 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.134 | 165  | 488071   | 44.445 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.651 | 131  | 742436   | 41.596 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.787 | 166  | 1494521  | 45.748 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.051 | 160  | 1838346  | 45.876 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.581 | 143  | 316351   | 46.359 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.357 | 176  | 1207937  | 45.463 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 200  | 246618   | 44.844 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.216 | 188  | 1815048  | 46.107 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.457 | 212  | 2042738  | 48.349 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.380 | 264  | 1997331  | 45.141 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.264  | 88   | 83006    | 16.623 | ng/uL  | 96       |
| 5) Pyridine                   | 3.652  | 79   | 575089   | 39.322 | ng/u1  | 98       |
| 6) Benzaldehyde               | 6.869  | 77   | 470116   | 57.217 | ng/u1  | 99       |
| 8) Phenol                     | 6.928  | 94   | 746181   | 43.722 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.157  | 93   | 566875   | 43.095 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.287  | 128  | 561673   | 44.756 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.169  | 108  | 542434   | 43.199 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.257  | 45   | 659956   | 42.939 | ng/u1  | 100      |
| 16) Acetophenone              | 8.546  | 105  | 900312   | 42.840 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.540  | 70   | 499726   | 44.207 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.504  | 108  | 588223   | 43.089 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.787  | 117  | 242232   | 44.355 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.922  | 77   | 738640   | 45.420 | ng/u1  | 99       |
| 23) Isophorone                | 9.451  | 82   | 1361398  | 44.893 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.628  | 139  | 316577   | 46.180 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.698  | 107  | 578814   | 39.302 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.934  | 93   | 777156   | 44.209 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 490418   | 46.032 | ng/u1  | 100      |
| 30) Naphthalene               | 10.557 | 128  | 1788333  | 45.030 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.675 | 127  | 731426   | 41.761 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.840 | 225  | 281935   | 44.884 | ng/u1  | 97       |
| 34) Caprolactam               | 11.481 | 113  | 200666m  | 47.047 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.810 | 107  | 638738   | 46.868 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.175 | 142  | 1221337  | 44.753 | ng/u1  | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.392 | 142  | 1188660  | 43.767 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.540 | 216  | 526191   | 45.835 | ng/ul | 95       |
| 40) Hexachlorocyclopentadiene | 12.516 | 237  | 260925   | 34.644 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.792 | 196  | 372644   | 47.266 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.863 | 196  | 404065   | 48.138 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.192 | 154  | 1503113  | 45.388 | ng/ul | 98       |
| 44) 2-Chloronaphthalene       | 13.234 | 162  | 1144070  | 45.535 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.445 | 65   | 452089   | 49.899 | ng/ul | 100      |
| 47) Dimethylphthalate         | 13.834 | 163  | 1500955  | 46.451 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.951 | 165  | 310264   | 49.748 | ng/ul | 96       |
| 50) Acenaphthylene            | 14.081 | 152  | 1774251  | 45.293 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.281 | 138  | 363210   | 50.854 | ng/ul | 95       |
| 52) Acenaphthene              | 14.422 | 153  | 1274990  | 45.647 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.486 | 184  | 182492   | 45.240 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.598 | 109  | 294402   | 48.111 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.763 | 168  | 1706179  | 45.685 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 455494   | 49.644 | ng/ul | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.992 | 232  | 326835   | 46.905 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.204 | 149  | 1629915  | 47.455 | ng/ul | 100      |
| 61) Fluorene                  | 15.416 | 166  | 1435270  | 46.091 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.410 | 204  | 647417   | 45.926 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.445 | 138  | 385281   | 57.607 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 251005   | 45.658 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.633 | 169  | 1208598  | 47.292 | ng/ul | 98       |
| 68) 4-Bromophenyl-phenylether | 16.310 | 248  | 385293   | 46.955 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.416 | 284  | 437922   | 47.224 | ng/ul | 99       |
| 70) Atrazine                  | 16.598 | 200  | 426544   | 47.049 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.763 | 266  | 285646   | 47.027 | ng/ul | 98       |
| 72) Phenanthrene              | 17.157 | 178  | 2212844  | 47.080 | ng/ul | 100      |
| 74) Anthracene                | 17.251 | 178  | 2202550  | 46.147 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.151 | 216  | 529116   | 46.768 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.681 | 250  | 525755   | 47.166 | ng/ul | 97       |
| 77) Carbazole                 | 17.528 | 167  | 2094803  | 46.990 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.092 | 149  | 2808289  | 48.721 | ng/ul | 100      |
| 80) Fluoranthene              | 19.133 | 202  | 2508207  | 47.233 | ng/ul | 99       |
| 82) Pyrene                    | 19.486 | 202  | 2561719  | 46.705 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.380 | 149  | 1312202  | 48.392 | ng/ul | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.139 | 252  | 836909   | 45.585 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.204 | 228  | 2447928  | 46.712 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.139 | 149  | 1985915  | 47.527 | ng/ul | 99       |
| 87) Chrysene                  | 21.257 | 228  | 2341554  | 46.344 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.039 | 149  | 3367102  | 47.474 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.827 | 252  | 2544057  | 47.730 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.874 | 252  | 2492051  | 48.291 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.433 | 252  | 2277761  | 47.173 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.927 | 276  | 2981283  | 47.221 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.951 | 278  | 2513302  | 47.392 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.662 | 276  | 2476927  | 47.252 | ng/ul | 98       |

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

