

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016728.D  
 Acq On : 24 Aug 2023 14:31  
 Operator : MA/JU  
 Sample : SSTD01032  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD010632

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:26:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 562069   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.869 | 136  | 2524926  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.692 | 164  | 1596906  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 3501870  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 3250994  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.127 | 264  | 3140457  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 50158    | 3.688  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 375932   | 9.046  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 449866   | 9.001  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.375  | 67   | 307948   | 9.667  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.557  | 132  | 350849   | 9.337  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.740  | 113  | 372325   | 9.126  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.234  | 128  | 176746   | 9.258  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.951  | 143  | 179820   | 8.936  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.475 | 165  | 342867   | 9.139  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.022 | 131  | 529914   | 9.211  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.098 | 166  | 1135264  | 9.427  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.392 | 160  | 1295281  | 9.514  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.892 | 143  | 210470   | 8.455  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.686 | 176  | 950315   | 9.371  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.804 | 200  | 163035   | 7.818  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.557 | 188  | 1468167  | 9.458  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 1693436  | 9.484  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.957 | 264  | 1464085  | 9.307  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 56755    | 3.832  | ng/uL  | 95       |
| 5) Pyridine                   | 3.846  | 79   | 388870   | 9.084  | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.193  | 77   | 312525   | 11.434 | ng/u1  | 99       |
| 8) Phenol                     | 7.205  | 94   | 478246   | 9.143  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.469  | 93   | 405627   | 9.607  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.587  | 128  | 363397   | 9.461  | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.475  | 108  | 355247   | 9.054  | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.551  | 45   | 606212m  | 9.842  | ng/u1  |          |
| 16) Acetophenone              | 8.887  | 105  | 613192   | 9.693  | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.857  | 70   | 329626   | 9.887  | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.804  | 108  | 391816   | 9.171  | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.110  | 117  | 152735   | 9.557  | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.281  | 77   | 468729   | 9.570  | ng/u1  | 99       |
| 23) Isophorone                | 9.793  | 82   | 903281   | 9.496  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.981  | 139  | 206076   | 9.262  | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 10.022 | 107  | 425554   | 9.516  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.281 | 93   | 569915   | 9.711  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.504 | 162  | 350831   | 9.310  | ng/u1  | 99       |
| 30) Naphthalene               | 10.922 | 128  | 1247103  | 9.535  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.045 | 127  | 528272   | 9.344  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.151 | 225  | 213495   | 9.197  | ng/u1  | 98       |
| 34) Caprolactam               | 11.863 | 113  | 119499   | 8.526  | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.140 | 107  | 396254   | 9.377  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.522 | 142  | 865198   | 9.583  | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.740 | 142  | 869012   | 9.545  | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.869 | 216  | 423948   | 9.315  | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.822 | 237  | 429167   | 12.822 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.116 | 196  | 276842   | 9.109  | ng/ul | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.187 | 196  | 297796   | 9.055  | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.528 | 154  | 1132606  | 9.539  | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.575 | 162  | 898349   | 9.585  | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.804 | 65   | 262218   | 9.225  | ng/ul | 97       |
| 47) Dimethylphthalate         | 14.151 | 163  | 1146602  | 9.401  | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.292 | 165  | 214365   | 8.971  | ng/ul | 98       |
| 50) Acenaphthylene            | 14.416 | 152  | 1497518  | 9.610  | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.628 | 138  | 226468   | 9.100  | ng/ul | 99       |
| 52) Acenaphthene              | 14.757 | 153  | 980413   | 9.511  | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.828 | 184  | 234737   | 13.517 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.910 | 109  | 163975   | 8.723  | ng/ul | 99       |
| 56) Dibenzofuran              | 15.092 | 168  | 1343952  | 9.502  | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.069 | 165  | 324274   | 9.218  | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.304 | 232  | 249456   | 8.909  | ng/ul | 99       |
| 59) Diethylphthalate          | 15.504 | 149  | 1167116  | 9.420  | ng/ul | 99       |
| 61) Fluorene                  | 15.739 | 166  | 1121104  | 9.476  | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.733 | 204  | 542550   | 9.340  | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.792 | 138  | 221999   | 9.375  | ng/ul | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.822 | 198  | 186970   | 8.316  | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.957 | 169  | 935939   | 9.663  | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.633 | 248  | 307443   | 9.157  | ng/ul | 95       |
| 69) Hexachlorobenzene         | 16.716 | 284  | 340216   | 9.050  | ng/ul | 95       |
| 70) Atrazine                  | 16.910 | 200  | 339971   | 9.310  | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.080 | 266  | 212666   | 7.621  | ng/ul | 98       |
| 72) Phenanthrene              | 17.498 | 178  | 1734659  | 9.409  | ng/ul | 100      |
| 74) Anthracene                | 17.592 | 178  | 1790835  | 9.607  | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.481 | 216  | 447445   | 9.543  | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.981 | 250  | 391953   | 9.354  | ng/uL | 99       |
| 77) Carbazole                 | 17.875 | 167  | 1634419  | 9.735  | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.386 | 149  | 2011583  | 9.604  | ng/ul | 99       |
| 80) Fluoranthene              | 19.463 | 202  | 2048418  | 9.550  | ng/ul | 99       |
| 82) Pyrene                    | 19.816 | 202  | 2153963  | 9.722  | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.674 | 149  | 905144   | 9.473  | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.474 | 252  | 600550   | 8.643  | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.539 | 228  | 2133360  | 9.527  | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149  | 1324334  | 9.492  | ng/ul | 98       |
| 87) Chrysene                  | 21.592 | 228  | 1927080  | 9.474  | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.392 | 149  | 2149580  | 9.088  | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.321 | 252  | 1888471  | 9.417  | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.374 | 252  | 1880590  | 9.482  | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.009 | 252  | 1697606  | 9.359  | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.856 | 276  | 1658824  | 8.949  | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.886 | 278  | 1378180  | 8.952  | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.715 | 276  | 1259651  | 8.964  | ng/ul | 99       |

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

