

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101724\  
 Data File : BM048124.D  
 Acq On : 18 Oct 2024 02:57  
 Operator : RC/JU  
 Sample : PB164163BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS163

Quant Time: Oct 18 03:58:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 17 15:44:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 241140   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.563 | 136  | 952126   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.404 | 164  | 566571   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.145 | 188  | 1094170  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.374 | 240  | 943480   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.356 | 264  | 1070946  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 44623    | 7.027  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.646  | 84   | 606478   | 35.493 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.952  | 99   | 720308   | 36.877 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.104  | 67   | 428015   | 36.889 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.310  | 132  | 626614   | 37.089 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.487  | 113  | 568752   | 37.411 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.928  | 128  | 296086   | 36.851 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.645  | 143  | 336282   | 37.823 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.187 | 165  | 579251   | 36.992 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.698 | 131  | 753243   | 36.752 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.816 | 166  | 1538680  | 37.392 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.098 | 160  | 1798193  | 36.752 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.622 | 143  | 286440   | 37.660 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.398 | 176  | 1302550  | 37.076 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.527 | 200  | 269674   | 38.105 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.245 | 188  | 1930507  | 37.202 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.533 | 212  | 2161182  | 37.486 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.150 | 264  | 2173738  | 38.002 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.269  | 88   | 97025    | 14.589 | ng/uL  | 100      |
| 5) Pyridine                   | 3.669  | 79   | 638485   | 36.570 | ng/u1  | 96       |
| 6) Benzaldehyde               | 6.916  | 77   | 362121   | 40.061 | ng/u1  | 99       |
| 8) Phenol                     | 6.975  | 94   | 773660   | 38.506 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.193  | 93   | 619709   | 38.430 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.340  | 128  | 665798   | 39.111 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.222  | 108  | 587799   | 38.675 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.293  | 45   | 886815   | 38.958 | ng/u1  | 99       |
| 16) Acetophenone              | 8.593  | 105  | 930180   | 39.899 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.581  | 70   | 426692   | 38.655 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.551  | 108  | 640686   | 39.181 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.845  | 117  | 277299   | 38.320 | ng/u1  | 97       |
| 22) Nitrobenzene              | 8.969  | 77   | 676163   | 38.892 | ng/u1  | 99       |
| 23) Isophorone                | 9.498  | 82   | 1274439  | 38.330 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.681  | 139  | 372659   | 39.306 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.745  | 107  | 566106   | 34.276 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.975  | 93   | 795122   | 38.171 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.216 | 162  | 601192   | 38.328 | ng/u1  | 99       |
| 30) Naphthalene               | 10.610 | 128  | 1989922  | 37.809 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.722 | 127  | 593485   | 30.029 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.898 | 225  | 393659   | 37.969 | ng/u1  | 99       |
| 34) Caprolactam               | 11.510 | 113  | 186493   | 38.439 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.857 | 107  | 589633   | 39.105 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.222 | 142  | 1302419  | 38.022 | ng/u1  | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.445 | 142  | 1299196  | 37.659 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.598 | 216  | 698235   | 37.825 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.575 | 237  | 387165   | 37.480 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.839 | 196  | 445982   | 36.737 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.916 | 196  | 490606   | 38.376 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.239 | 154  | 1671189  | 38.192 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.281 | 162  | 1309107  | 37.730 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.486 | 65   | 360764   | 40.005 | ng/ul | 99       |
| 47) Dimethylphthalate         | 13.863 | 163  | 1588414  | 38.386 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.986 | 165  | 334855   | 40.746 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.128 | 152  | 2043412  | 38.605 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.316 | 138  | 341051   | 39.787 | ng/ul | 95       |
| 52) Acenaphthene              | 14.469 | 153  | 1380887  | 37.707 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.527 | 184  | 209753   | 38.684 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.639 | 109  | 205552   | 38.844 | ng/ul | 96       |
| 56) Dibenzofuran              | 14.804 | 168  | 1910642  | 38.134 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 14.775 | 165  | 474742   | 40.665 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.039 | 232  | 370811   | 35.957 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.227 | 149  | 1589527  | 38.734 | ng/ul | 100      |
| 61) Fluorene                  | 15.457 | 166  | 1493472  | 38.138 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.445 | 204  | 739892   | 37.992 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.480 | 138  | 351428   | 47.337 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 303146   | 39.820 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.663 | 169  | 1273638  | 38.707 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.339 | 248  | 458188   | 38.598 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.457 | 284  | 539112   | 38.427 | ng/ul | 99       |
| 70) Atrazine                  | 16.616 | 200  | 275513   | 24.949 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.804 | 266  | 317778   | 35.132 | ng/ul | 100      |
| 72) Phenanthrene              | 17.192 | 178  | 2304629  | 38.504 | ng/ul | 100      |
| 74) Anthracene                | 17.280 | 178  | 2314169  | 38.530 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.204 | 216  | 672137   | 36.542 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.727 | 250  | 641019   | 35.789 | ng/ul | 98       |
| 77) Carbazole                 | 17.551 | 167  | 2121162  | 39.870 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.110 | 149  | 2750740  | 39.255 | ng/ul | 100      |
| 80) Fluoranthene              | 19.204 | 202  | 2616781  | 39.011 | ng/ul | 99       |
| 82) Pyrene                    | 19.562 | 202  | 2783446  | 38.953 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.456 | 149  | 1223202  | 39.404 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 875119   | 41.588 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.356 | 228  | 2656229  | 38.720 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 1754042  | 39.088 | ng/ul | 100      |
| 87) Chrysene                  | 21.415 | 228  | 2488244  | 38.489 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.392 | 149  | 3139834  | 40.632 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.415 | 252  | 2677605  | 39.693 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.474 | 252  | 2667462  | 39.704 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.221 | 252  | 2425325  | 38.622 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.727 | 276  | 3198561  | 39.290 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 27.780 | 278  | 2614686  | 39.752 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 28.779 | 276  | 2513538  | 39.672 | ng/ul | 99       |

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

