

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121222\  
 Data File : BM037962.D  
 Acq On : 12 Dec 2022 12:06  
 Operator : CG/JU  
 Sample : PB149539BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS539

Quant Time: Dec 13 00:55:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 09 21:34:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.069  | 152  | 227468   | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.893 | 136  | 967893   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.704 | 164  | 568252   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 1032201  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.621 | 240  | 747967   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.098 | 264  | 859394   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.417  | 96   | 26304    | 5.251  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 387396   | 26.067 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99   | 546225   | 29.551 | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.393  | 67   | 314205   | 27.916 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.599  | 132  | 461828   | 30.457 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.787  | 113  | 436203   | 30.232 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.246  | 128  | 233844   | 30.515 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.969  | 143  | 251135   | 31.271 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.510 | 165  | 462803   | 30.340 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.028 | 131  | 559758   | 26.584 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 14.110 | 166  | 1222464  | 30.175 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.398 | 160  | 1459560  | 29.478 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 178781   | 25.894 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.692 | 176  | 1032574  | 28.608 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.816 | 200  | 165528   | 29.995 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 1427921  | 29.641 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.827 | 212  | 1415232  | 31.498 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 1297849  | 30.235 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.452  | 88   | 54147    | 10.303 | ng/uL  | 97       |
| 5) Pyridine                   | 3.869  | 79   | 373491   | 25.008 | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.205  | 77   | 258351   | 37.369 | ng/u1  | 99       |
| 8) Phenol                     | 7.252  | 94   | 560371   | 30.228 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.487  | 93   | 441216   | 28.984 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.628  | 128  | 484885   | 31.267 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.516  | 108  | 440986   | 31.084 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.604  | 45   | 760047   | 27.650 | ng/u1  | 98       |
| 16) Acetophenone              | 8.904  | 105  | 690342   | 30.421 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.893  | 70   | 335172   | 31.354 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.851  | 108  | 476696   | 31.061 | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.157  | 117  | 190627   | 30.748 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.287  | 77   | 504897   | 30.620 | ng/u1  | 98       |
| 23) Isophorone                | 9.816  | 82   | 945111   | 31.279 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 10.004 | 139  | 274123   | 32.558 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 10.057 | 107  | 500986   | 30.770 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.298 | 93   | 589414   | 29.345 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.534 | 162  | 459794   | 30.723 | ng/u1  | 98       |
| 30) Naphthalene               | 10.945 | 128  | 1542484  | 29.531 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 11.057 | 127  | 461659   | 21.987 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.222 | 225  | 300480   | 30.520 | ng/u1  | 98       |
| 34) Caprolactam               | 11.845 | 113  | 124217   | 32.356 | ng/u1  | 92       |
| 35) 4-Chloro-3-methylphenol   | 12.169 | 107  | 433457   | 31.819 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.539 | 142  | 1026648  | 30.304 | ng/u1  | 98       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.763 | 142  | 1032698  | 29.811 | ng/u1  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 550931   | 29.672 | ng/u1  | 98       |
| 40) Hexachlorocyclopentadiene | 12.881 | 237  | 176650   | 16.632 | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.145 | 196  | 348032   | 30.773 | ng/u1  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.216 | 196  | 362739   | 30.754 | ng/u1  | 99       |
| 43) 1,1'-Biphenyl             | 13.545 | 154  | 1323939  | 28.985 | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.586 | 162  | 1042570  | 29.588 | ng/u1  | 97       |
| 45) 2-Nitroaniline            | 13.792 | 65   | 272562   | 32.103 | ng/u1  | 99       |
| 47) Dimethylphthalate         | 14.163 | 163  | 1248390  | 31.233 | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.286 | 165  | 252332   | 32.501 | ng/u1  | 98       |
| 50) Acenaphthylene            | 14.428 | 152  | 1625141  | 29.850 | ng/u1  | 98       |
| 51) 3-Nitroaniline            | 14.610 | 138  | 242380   | 31.290 | ng/u1  | 97       |
| 52) Acenaphthene              | 14.769 | 153  | 1114207  | 29.588 | ng/u1  | 99       |
| 53) 2,4-Dinitrophenol         | 14.816 | 184  | 104235   | 27.360 | ng/u1  | 96       |
| 55) 4-Nitrophenol             | 14.916 | 109  | 131045   | 28.780 | ng/u1  | 98       |
| 56) Dibenzofuran              | 15.104 | 168  | 1468925  | 28.571 | ng/u1  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.069 | 165  | 333775   | 31.745 | ng/u1  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.328 | 232  | 297418   | 29.977 | ng/u1  | 99       |
| 59) Diethylphthalate          | 15.516 | 149  | 1240608  | 31.156 | ng/u1  | 99       |
| 61) Fluorene                  | 15.751 | 166  | 1221008  | 29.121 | ng/u1  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.739 | 204  | 603491   | 29.452 | ng/u1  | 96       |
| 63) 4-Nitroaniline            | 15.775 | 138  | 235589   | 33.542 | ng/u1  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.828 | 198  | 164762   | 30.840 | ng/u1# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.951 | 169  | 985359   | 31.647 | ng/u1  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.633 | 248  | 361710   | 31.968 | ng/u1  | 98       |
| 69) Hexachlorobenzene         | 16.751 | 284  | 425167   | 31.479 | ng/u1  | 97       |
| 70) Atrazine                  | 16.898 | 200  | 189233   | 17.785 | ng/u1  | 99       |
| 71) Pentachlorophenol         | 17.092 | 266  | 220869   | 29.413 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.486 | 178  | 1704990  | 30.247 | ng/u1  | 99       |
| 74) Anthracene                | 17.580 | 178  | 1730089  | 30.202 | ng/u1  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.510 | 216  | 539243   | 32.315 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 15.022 | 250  | 515163   | 31.165 | ng/uL  | 100      |
| 77) Carbazole                 | 17.851 | 167  | 1445882  | 29.133 | ng/u1  | 99       |
| 78) Di-n-butylphthalate       | 18.398 | 149  | 1980837  | 33.578 | ng/u1  | 99       |
| 80) Fluoranthene              | 19.498 | 202  | 1715009  | 32.342 | ng/u1  | 98       |
| 82) Pyrene                    | 19.857 | 202  | 1749586  | 31.703 | ng/u1  | 98       |
| 83) Butylbenzylphthalate      | 20.739 | 149  | 694022   | 33.820 | ng/u1  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 495910   | 33.506 | ng/u1  | 97       |
| 85) Benzo(a)anthracene        | 21.604 | 228  | 1589833  | 31.572 | ng/u1  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.509 | 149  | 1000496  | 33.514 | ng/u1  | 98       |
| 87) Chrysene                  | 21.657 | 228  | 1464681  | 31.001 | ng/u1  | 100      |
| 89) Di-n-octyl phthalate      | 22.462 | 149  | 1645592  | 29.884 | ng/u1  | 100      |
| 90) Benzo(b)fluoranthene      | 23.339 | 252  | 1616398  | 30.338 | ng/u1  | 99       |
| 91) Benzo(k)fluoranthene      | 23.392 | 252  | 1634123  | 31.647 | ng/u1  | 99       |
| 93) Benzo(a)pyrene            | 23.992 | 252  | 1456563  | 31.089 | ng/u1  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.697 | 276  | 1778831  | 29.480 | ng/u1  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.709 | 278  | 1564856  | 30.763 | ng/u1  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.503 | 276  | 1469215  | 30.497 | ng/u1  | 97       |

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

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