

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031424\  
 Data File : BM044614.D  
 Acq On : 14 Mar 2024 15:23  
 Operator : MA/JU  
 Sample : PB159579BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS579

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024  
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 16:00:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 05 23:05:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 154980   | 20.000 | ng/u1  | -0.03    |
| 20) Naphthalene-d8            | 10.480 | 136  | 650156   | 20.000 | ng/u1  | -0.04    |
| 38) Acenaphthene-d10          | 14.345 | 164  | 389954   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.103 | 188  | 794013   | 20.000 | ng/u1  | -0.02    |
| 79) Chrysene-d12              | 21.297 | 240  | 717333   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.544 | 264  | 821416   | 20.000 | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.257  | 96   | 30939    | 6.771  | ng/uL  | -0.03    |
| 4) Pyridine-d5                | 3.651  | 84   | 423242   | 31.470 | ng/u1  | -0.03    |
| 7) Phenol-d5                  | 6.875  | 99   | 526589   | 33.049 | ng/u1  | -0.03    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.051  | 67   | 328903   | 33.418 | ng/u1  | -0.03    |
| 11) 2-Chlorophenol-d4         | 7.234  | 132  | 417965   | 35.696 | ng/u1  | -0.04    |
| 15) 4-Methylphenol-d8         | 8.410  | 113  | 407086   | 32.532 | ng/u1  | -0.03    |
| 21) Nitrobenzene-d5           | 8.863  | 128  | 205845   | 37.599 | ng/u1  | -0.03    |
| 24) 2-Nitrophenol-d4          | 9.575  | 143  | 224713   | 38.075 | ng/u1  | -0.03    |
| 28) 2,4-Dichlorophenol-d3     | 10.104 | 165  | 387534   | 38.582 | ng/u1  | -0.04    |
| 31) 4-Chloroaniline-d4        | 10.633 | 131  | 525922   | 31.526 | ng/u1  | -0.03    |
| 46) Dimethylphthalate-d6      | 13.768 | 166  | 1119901  | 36.611 | ng/u1  | -0.02    |
| 49) Acenaphthylene-d8         | 14.039 | 160  | 1273469  | 36.402 | ng/u1  | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.562 | 143  | 230600   | 36.351 | ng/u1  | -0.02    |
| 60) Fluorene-d10              | 15.345 | 176  | 942935   | 36.682 | ng/u1  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.474 | 200  | 197692   | 38.356 | ng/u1  | -0.02    |
| 73) Anthracene-d10            | 17.203 | 188  | 1436650  | 37.853 | ng/u1  | -0.02    |
| 81) Pyrene-d10                | 19.503 | 212  | 1641653  | 37.313 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.403 | 264  | 1646971  | 38.147 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.287  | 88   | 63631    | 13.451 | ng/uL  | 97       |
| 5) Pyridine                   | 3.675  | 79   | 428107   | 30.691 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.863  | 77   | 239972   | 34.577 | ng/u1  | 96       |
| 8) Phenol                     | 6.904  | 94   | 550634   | 33.861 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.145  | 93   | 454220   | 34.016 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.269  | 128  | 436256   | 36.122 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.145  | 108  | 414240   | 33.568 | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.228  | 45   | 635812   | 36.056 | ng/u1  | 98       |
| 16) Acetophenone              | 8.528  | 105  | 646299   | 33.301 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.516  | 70   | 333582   | 33.268 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.469  | 108  | 442982   | 32.977 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.763  | 117  | 184754   | 37.345 | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.904  | 77   | 494440   | 38.083 | ng/u1  | 98       |
| 23) Isophorone                | 9.427  | 82   | 946319   | 35.725 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.610  | 139  | 238602   | 37.083 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.669  | 107  | 428220   | 36.576 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.916  | 93   | 600232   | 36.031 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.133 | 162  | 388455   | 38.737 | ng/u1  | 99       |
| 30) Naphthalene               | 10.533 | 128  | 1387744  | 37.687 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.657 | 127  | 395949   | 24.620 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.804 | 225  | 230896   | 41.081 | ng/u1  | 98       |
| 34) Caprolactam               | 11.439 | 113  | 120390   | 30.828 | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.780 | 107  | 423832   | 36.446 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.151 | 142  | 906449   | 37.018 | ng/u1  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031424\  
 Data File : BM044614.D  
 Acq On : 14 Mar 2024 15:23  
 Operator : MA/JU  
 Sample : PB159579BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_M

ClientSampleId :

SLCS579

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024  
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 16:00:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 05 23:05:11 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.374 | 142  | 885966   | 36.677 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.521 | 216  | 428118   | 38.590 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.486 | 237  | 266812   | 36.230 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.768 | 196  | 281415   | 36.184 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.839 | 196  | 308667   | 37.034 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.174 | 154  | 1151673  | 37.192 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.215 | 162  | 901275   | 37.090 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.433 | 65   | 283374   | 37.146 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.815 | 163  | 1152480  | 37.025 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.945 | 165  | 234533   | 37.722 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.068 | 152  | 1511733  | 37.076 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.268 | 138  | 242829   | 36.159 | ng/ul | 97       |
| 52) Acenaphthene              | 14.410 | 153  | 983999   | 36.710 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.480 | 184  | 136644   | 34.358 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.580 | 109  | 167304   | 37.641 | ng/ul | 93       |
| 56) Dibenzofuran              | 14.751 | 168  | 1336266  | 37.477 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.727 | 165  | 341251   | 38.023 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.974 | 232  | 250878   | 36.373 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.192 | 149  | 1211268  | 37.496 | ng/ul | 98       |
| 61) Fluorene                  | 15.404 | 166  | 1076036  | 36.900 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 514589   | 38.021 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.439 | 138  | 276601m  | 43.094 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.492 | 198  | 213713   | 38.802 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.621 | 169  | 921018   | 38.513 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.298 | 248  | 318188   | 40.065 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.398 | 284  | 365813   | 40.439 | ng/ul | 95       |
| 70) Atrazine                  | 16.580 | 200  | 167669   | 21.455 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.745 | 266  | 221237   | 37.038 | ng/ul | 97       |
| 72) Phenanthrene              | 17.145 | 178  | 1734874  | 38.517 | ng/ul | 99       |
| 74) Anthracene                | 17.239 | 178  | 1758856  | 38.611 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.133 | 216  | 427155   | 40.277 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.662 | 250  | 420699   | 41.031 | ng/ul | 99       |
| 77) Carbazole                 | 17.515 | 167  | 1654938  | 38.661 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.086 | 149  | 2256776  | 39.195 | ng/ul | 100      |
| 80) Fluoranthene              | 19.168 | 202  | 2010817  | 38.378 | ng/ul | 97       |
| 82) Pyrene                    | 19.533 | 202  | 2061313  | 37.788 | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.450 | 149  | 1025222  | 38.223 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.227 | 252  | 640586   | 41.283 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.286 | 228  | 2022666  | 37.548 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.233 | 149  | 1553355  | 39.720 | ng/ul | 99       |
| 87) Chrysene                  | 21.333 | 228  | 1877984  | 37.656 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.121 | 149  | 2766072  | 37.628 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.874 | 252  | 2088794  | 38.003 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.915 | 252  | 1964482  | 36.493 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.450 | 252  | 1933616  | 37.608 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.821 | 276  | 2382819  | 41.319 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 25.838 | 278  | 2010141  | 41.804 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 26.509 | 276  | 1923673  | 41.801 | ng/ul | 99       |

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

