

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020224\  
 Data File : BM043970.D  
 Acq On : 02 Feb 2024 16:54  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV012

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024  
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 22:00:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM020224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 21:58:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 363261   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136  | 1588025  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.562 | 164  | 939931   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 1986298  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.515 | 240  | 1882274  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.927 | 264  | 2123254  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.357  | 96   | 73689    | 7.078  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.763  | 84   | 585973   | 19.563 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99   | 705837   | 20.088 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.257  | 67   | 479062   | 21.794 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.445  | 132  | 547590   | 21.528 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 543806   | 20.387 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.086  | 128  | 271132   | 21.416 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.804  | 143  | 273880   | 21.986 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.339 | 165  | 516306   | 21.680 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.863 | 131  | 802720   | 19.964 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.986 | 166  | 1492234  | 21.001 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 1813948  | 21.475 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.762 | 143  | 306404   | 20.310 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.557 | 176  | 1296115  | 20.882 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200  | 219141   | 19.087 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.415 | 188  | 1986104  | 20.607 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.709 | 212  | 2231069  | 20.617 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.768 | 264  | 2248636  | 20.559 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.393  | 88   | 73338    | 6.909  | ng/uL  | 100      |
| 5) Pyridine                   | 3.787  | 79   | 488528   | 16.069 | ng/u1  | 99       |
| 6) Benzaldehyde               | 7.063  | 77   | 399326   | 26.689 | ng/u1  | 99       |
| 8) Phenol                     | 7.110  | 94   | 657693   | 18.237 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.351  | 93   | 531238   | 18.321 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.475  | 128  | 520391   | 19.430 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.363  | 108  | 483454   | 18.371 | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 712958   | 17.333 | ng/u1  | 98       |
| 16) Acetophenone              | 8.745  | 105  | 838033   | 19.393 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.733  | 70   | 426462   | 19.567 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.692  | 108  | 523921   | 18.386 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.992  | 117  | 216123   | 18.717 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.128  | 77   | 595703   | 18.519 | ng/u1  | 98       |
| 23) Isophorone                | 9.651  | 82   | 1132392  | 18.652 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.839  | 139  | 279371   | 19.867 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.898  | 107  | 434834   | 15.143 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.145 | 93   | 706548   | 18.630 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 466958   | 19.616 | ng/u1  | 97       |
| 30) Naphthalene               | 10.774 | 128  | 1639111  | 18.548 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.892 | 127  | 721093   | 18.272 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.045 | 225  | 272116   | 18.220 | ng/u1  | 97       |
| 34) Caprolactam               | 11.663 | 113  | 160892m  | 19.260 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.010 | 107  | 509233   | 19.730 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.386 | 142  | 1103138  | 18.819 | ng/u1  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020224\  
 Data File : BM043970.D  
 Acq On : 02 Feb 2024 16:54  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV012

Quant Time: Feb 02 22:00:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM020224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 21:58:08 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024  
 Supervised By :mohammad ahmed 02/06/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.604 | 142  | 1076033  | 18.584 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.745 | 216  | 557559   | 19.177 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.721 | 237  | 272712   | 14.454 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.992 | 196  | 350074   | 19.258 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.063 | 196  | 388000   | 19.732 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.398 | 154  | 1467439  | 19.339 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.439 | 162  | 1108953  | 18.449 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.651 | 65   | 346813   | 19.650 | ng/ul | 97       |
| 47) Dimethylphthalate         | 14.033 | 163  | 1349179  | 18.414 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.151 | 165  | 285682   | 21.246 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.286 | 152  | 1837388  | 18.646 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.474 | 138  | 334980   | 21.680 | ng/ul | 98       |
| 52) Acenaphthene              | 14.627 | 153  | 1177837  | 18.219 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.680 | 184  | 132850   | 17.124 | ng/ul | 96       |
| 55) 4-Nitrophenol             | 14.780 | 109  | 222449   | 18.644 | ng/ul | 99       |
| 56) Dibenzofuran              | 14.962 | 168  | 1659976  | 19.001 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 388713   | 19.874 | ng/ul | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 332933   | 20.339 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.398 | 149  | 1358172  | 18.330 | ng/ul | 100      |
| 61) Fluorene                  | 15.609 | 166  | 1360031  | 18.459 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 643748   | 18.164 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.639 | 138  | 349566   | 23.361 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 212383   | 16.631 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.827 | 169  | 1168412  | 19.151 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.509 | 248  | 377189   | 18.085 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 433098   | 17.928 | ng/ul | 97       |
| 70) Atrazine                  | 16.786 | 200  | 355538   | 17.440 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.956 | 266  | 253491   | 16.305 | ng/ul | 97       |
| 72) Phenanthrene              | 17.356 | 178  | 2100955  | 18.312 | ng/ul | 100      |
| 74) Anthracene                | 17.451 | 178  | 2112465  | 18.076 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 525759   | 18.492 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.874 | 250  | 510082   | 18.656 | ng/ul | 98       |
| 77) Carbazole                 | 17.727 | 167  | 1993303  | 18.068 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.303 | 149  | 2320649  | 18.200 | ng/ul | 100      |
| 80) Fluoranthene              | 19.374 | 202  | 2337225  | 18.107 | ng/ul | 98       |
| 82) Pyrene                    | 19.739 | 202  | 2506943  | 18.332 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.662 | 149  | 1025767  | 18.780 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.438 | 252  | 885293   | 22.116 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.497 | 228  | 2517527  | 18.135 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.450 | 149  | 1548527  | 18.802 | ng/ul | 99       |
| 87) Chrysene                  | 21.550 | 228  | 2293033  | 17.726 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.397 | 149  | 2576054  | 17.761 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.191 | 252  | 2478602  | 18.129 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.238 | 252  | 2364128  | 17.337 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.815 | 252  | 2217465  | 17.012 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.426 | 276  | 2927083  | 18.280 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.450 | 278  | 2440839  | 18.322 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 27.191 | 276  | 2324116  | 18.098 | ng/ul | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020224\  
 Data File : BM043970.D  
 Acq On : 02 Feb 2024 16:54  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_M

ClientSampleId :

SICV012

Quant Time: Feb 02 22:00:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM020224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 02 21:58:08 2024

Response via : Initial Calibration

## Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024

