

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091125\  
 Data File : BG064348.D  
 Acq On : 11 Sep 2025 15:45  
 Operator : RC/JU  
 Sample : SSTD02015  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD020414

Quant Time: Sep 12 10:42:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091125.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 12 10:45:34 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul  
 Chavli  
 09/12/2025  
 Supervised By :Jagrit  
 Upadhyay  
 09/12/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.843  | 152  | 20742    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.634 | 136  | 92289    | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.470 | 164  | 71515    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.208 | 188  | 181236   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.439 | 240  | 193763   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.447 | 264  | 209785   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.319  | 96   | 3052     | 6.352  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.718  | 84   | 22613    | 16.409 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.015  | 99   | 32763    | 18.460 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.179  | 67   | 16973    | 15.557 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.379  | 132  | 28231    | 19.601 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.548  | 113  | 28849    | 19.092 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.000  | 128  | 14186    | 20.787 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.723  | 143  | 17478    | 23.772 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.258 | 165  | 33179    | 22.633 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.763 | 131  | 41842    | 20.758 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.877 | 166  | 126890   | 22.417 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.165 | 160  | 124200   | 20.329 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.670 | 143  | 20699    | 22.085 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.463 | 176  | 104352   | 21.633 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200  | 25887    | 24.957 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.308 | 188  | 185273   | 20.716 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.594 | 212  | 220255   | 20.840 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.241 | 264  | 219717   | 20.441 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.348  | 88   | 3540     | 6.490  | ng/uL  | 100      |
| 5) Pyridine                   | 3.736  | 79   | 24834    | 17.287 | ng/u1  | 100      |
| 6) Benzaldehyde               | 6.985  | 77   | 20149    | 20.055 | ng/u1  | 100      |
| 8) Phenol                     | 7.044  | 94   | 33375    | 18.146 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.267  | 93   | 22387    | 16.414 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.414  | 128  | 29177    | 19.809 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.290  | 108  | 27312    | 19.026 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.366  | 45   | 43833    | 14.070 | ng/u1  | 100      |
| 16) Acetophenone              | 8.660  | 105  | 47142    | 19.290 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.648  | 70   | 22530    | 17.588 | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.613  | 108  | 29410    | 18.538 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.924  | 117  | 11977    | 19.007 | ng/u1  | 100      |
| 22) Nitrobenzene              | 9.042  | 77   | 36489    | 19.921 | ng/u1  | 100      |
| 23) Isophorone                | 9.565  | 82   | 69773    | 19.927 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.747  | 139  | 18259    | 23.281 | ng/u1  | 100      |
| 26) 2,4-Dimethylphenol        | 9.811  | 107  | 35464    | 20.775 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.046 | 93   | 35042    | 18.084 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.281 | 162  | 30106    | 21.291 | ng/u1  | 100      |
| 30) Naphthalene               | 10.681 | 128  | 98522    | 20.086 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.787 | 127  | 42395    | 21.582 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.975 | 225  | 27350    | 24.204 | ng/u1  | 100      |
| 34) Caprolactam               | 11.545 | 113  | 13001m   | 23.555 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.915 | 107  | 37913    | 21.449 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.297 | 142  | 76977    | 21.333 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.514 | 142  | 76020    | 20.819 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.661 | 216  | 46086    | 21.347 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.649 | 237  | 26977    | 22.097 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.902 | 196  | 28932    | 21.232 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.978 | 196  | 31195    | 21.208 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.307 | 154  | 104298   | 19.563 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.342 | 162  | 79023    | 19.708 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.548 | 65   | 27629    | 20.249 | ng/ul | 100      |
| 47) Dimethylphthalate         | 13.924 | 163  | 116326   | 21.928 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.042 | 165  | 23425    | 23.120 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.194 | 152  | 133601   | 21.058 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.371 | 138  | 21387    | 21.562 | ng/ul | 100      |
| 52) Acenaphthene              | 14.535 | 153  | 91190    | 19.776 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.582 | 184  | 14449    | 25.732 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.688 | 109  | 27206    | 24.630 | ng/ul | 100      |
| 56) Dibenzofuran              | 14.870 | 168  | 132863   | 20.499 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.829 | 165  | 36900    | 23.532 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.093 | 232  | 33030    | 24.090 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.293 | 149  | 131790   | 22.787 | ng/ul | 100      |
| 61) Fluorene                  | 15.516 | 166  | 114667   | 21.413 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.516 | 204  | 60496    | 22.490 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.534 | 138  | 22398    | 21.629 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 26003    | 23.860 | ng/ul | 100      |
| 67) N-Nitrosodiphenylamine    | 15.728 | 169  | 99602    | 19.329 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248  | 44051    | 22.071 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.521 | 284  | 48676    | 21.941 | ng/ul | 100      |
| 70) Atrazine                  | 16.674 | 200  | 49452    | 23.463 | ng/ul | 100      |
| 71) Pentachlorophenol         | 16.868 | 266  | 29115    | 21.738 | ng/ul | 100      |
| 72) Phenanthrene              | 17.255 | 178  | 198608   | 20.053 | ng/ul | 100      |
| 74) Anthracene                | 17.344 | 178  | 202723   | 20.033 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.272 | 216  | 49009    | 19.754 | ng/ul | 100      |
| 76) Pentachlorobenzene        | 14.794 | 250  | 53478    | 20.490 | ng/ul | 100      |
| 77) Carbazole                 | 17.614 | 167  | 177571   | 20.392 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.178 | 149  | 216956   | 19.507 | ng/ul | 100      |
| 80) Fluoranthene              | 19.265 | 202  | 248387   | 20.030 | ng/ul | 100      |
| 82) Pyrene                    | 19.623 | 202  | 255293   | 19.565 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.522 | 149  | 98649    | 19.052 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 88255    | 23.387 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.421 | 228  | 263255   | 20.021 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 141272   | 18.333 | ng/ul | 100      |
| 87) Chrysene                  | 21.486 | 228  | 240655   | 19.325 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.485 | 149  | 244840   | 18.599 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.495 | 252  | 253985   | 19.894 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.554 | 252  | 251702   | 19.567 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 24.306 | 252  | 236324   | 19.796 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 27.814 | 276  | 305275   | 20.257 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 27.872 | 278  | 250294   | 20.771 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 28.871 | 276  | 254579   | 21.516 | ng/ul | 100      |

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

