

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060525\  
 Data File : BP024852.D  
 Acq On : 05 Jun 2025 13:11  
 Operator : RC/JU  
 Sample : SSTD08002  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD080635

Quant Time: Jun 05 14:08:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060525.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 05 13:10:10 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/06/2025  
 Supervised By :Jagrut Upadhyay 06/06/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 252960   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.381 | 136  | 1098434  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.251 | 164  | 706500   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.045 | 188  | 1357588  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.480 | 240  | 1418476  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.733 | 264  | 1641135  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 202934   | 31.430 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.540  | 84   | 1317421  | 81.126 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.816  | 99   | 1730879  | 86.144 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.958  | 67   | 965311   | 80.592 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.158  | 132  | 1395910  | 84.727 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.340  | 113  | 1426828  | 86.036 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.763  | 128  | 718210   | 86.322 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.475  | 143  | 835105   | 88.777 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.028 | 165  | 1377673  | 86.361 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.528 | 131  | 1963791  | 82.490 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 3958374  | 75.370 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.940 | 160  | 4546346  | 77.982 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.510 | 143  | 740545   | 93.630 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.263 | 176  | 3214955  | 75.408 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 200  | 768670   | 86.505 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 4999406  | 76.853 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.528 | 212  | 5803720  | 79.143 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.510 | 264  | 6728537  | 80.391 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.170  | 88   | 217997   | 31.479 | ng/uL  | 97       |
| 5) Pyridine                   | 3.564  | 79   | 1330096  | 79.941 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.769  | 77   | 644428   | 72.169 | ng/u1  | 99       |
| 8) Phenol                     | 6.846  | 94   | 1785240  | 85.878 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.052  | 93   | 1334565  | 81.125 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.193  | 128  | 1427075  | 83.372 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.069  | 108  | 1354999  | 84.477 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.128  | 45   | 1650454  | 78.300 | ng/u1  | 99       |
| 16) Acetophenone              | 8.434  | 105  | 2117348  | 82.797 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.422  | 70   | 1084251  | 80.938 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.405  | 108  | 1468092  | 84.425 | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.675  | 117  | 563631   | 77.684 | ng/u1  | 99       |
| 22) Nitrobenzene              | 8.805  | 77   | 1624922  | 83.775 | ng/u1  | 100      |
| 23) Isophorone                | 9.334  | 82   | 3059908  | 79.149 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.510  | 139  | 871362   | 85.647 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.587  | 107  | 1564318  | 82.347 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.805  | 93   | 1820141  | 80.988 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.052 | 162  | 1374925  | 85.241 | ng/u1  | 98       |
| 30) Naphthalene               | 10.434 | 128  | 4415346  | 77.512 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.552 | 127  | 1843530  | 83.671 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.710 | 225  | 838742   | 75.986 | ng/u1  | 100      |
| 34) Caprolactam               | 11.357 | 113  | 508422m  | 82.068 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.704 | 107  | 1556629  | 85.606 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.046 | 142  | 3123227  | 79.377 | ng/u1  | 98       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.269 | 142  | 3096517  | 78.279 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.422 | 216  | 1612929  | 78.273 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.393 | 237  | 855090   | 86.104 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.681 | 196  | 1110456  | 85.265 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.769 | 196  | 1194208  | 89.080 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.075 | 154  | 3875419  | 76.083 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.116 | 162  | 3061335  | 77.538 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.334 | 65   | 999427   | 86.228 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.710 | 163  | 3871664  | 74.356 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.834 | 165  | 877487   | 82.872 | ng/ul  | 99       |
| 50) Acenaphthylene            | 13.969 | 152  | 4604320  | 76.280 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.175 | 138  | 862143   | 83.654 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.316 | 153  | 3338548  | 75.751 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.393 | 184  | 579612   | 94.947 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.528 | 109  | 603270   | 98.500 | ng/ul  | 98       |
| 56) Dibenzofuran              | 14.657 | 168  | 4577904  | 76.575 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.640 | 165  | 1277212  | 83.432 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.904 | 232  | 1013511  | 85.104 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.098 | 149  | 3946135  | 73.832 | ng/ul  | 99       |
| 61) Fluorene                  | 15.322 | 166  | 3607731  | 74.668 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204  | 1798296  | 75.501 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.363 | 138  | 713845   | 84.886 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.422 | 198  | 799700   | 84.521 | ng/ul# | 96       |
| 67) N-Nitrosodiphenylamine    | 15.534 | 169  | 3190365  | 78.410 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.222 | 248  | 1201954  | 80.037 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.345 | 284  | 1453706  | 80.044 | ng/ul  | 97       |
| 70) Atrazine                  | 16.522 | 200  | 1172438  | 77.022 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.710 | 266  | 851477   | 93.474 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.092 | 178  | 5687642  | 76.561 | ng/ul  | 99       |
| 74) Anthracene                | 17.186 | 178  | 5707386  | 76.555 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.034 | 216  | 1667646  | 82.606 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.575 | 250  | 1640565  | 80.362 | ng/uL  | 99       |
| 77) Carbazole                 | 17.475 | 167  | 5334219  | 78.114 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.057 | 149  | 6659577  | 75.796 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.186 | 202  | 6639995  | 78.127 | ng/ul  | 98       |
| 82) Pyrene                    | 19.563 | 202  | 6859865  | 75.250 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.522 | 149  | 3226062  | 78.714 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.392 | 252  | 2188025  | 78.254 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.463 | 228  | 6940334  | 77.052 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 4494944  | 74.021 | ng/ul  | 99       |
| 87) Chrysene                  | 21.533 | 228  | 6519556  | 76.170 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.633 | 149  | 8072774  | 76.829 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.710 | 252  | 7673383  | 81.603 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.774 | 252  | 7438282  | 78.107 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.592 | 252  | 7033142  | 79.819 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.445 | 276  | 9727588m | 81.316 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.498 | 278  | 7815235  | 82.986 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.562 | 276  | 7493654  | 80.840 | ng/ul  | 99       |

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

