

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112624\  
 Data File : BP023327.D  
 Acq On : 26 Nov 2024 18:20  
 Operator : RC/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SICV641

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024  
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 00:11:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 27 00:04:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.558  | 152  | 72258    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.304 | 136  | 282122   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.163 | 164  | 222580   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.975 | 188  | 537528   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.404 | 240  | 628287   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.598 | 264  | 716640   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.128  | 96   | 15630    | 7.964  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.540  | 84   | 111330   | 22.059 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.763  | 99   | 126629   | 22.335 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.905  | 67   | 87628    | 24.498 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.111  | 132  | 94325    | 22.542 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.269  | 113  | 99849    | 21.821 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.705  | 128  | 45340    | 21.522 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.416  | 143  | 53056    | 21.852 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.957  | 165  | 113450   | 22.139 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.457 | 131  | 128204   | 22.332 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.569 | 166  | 380635   | 22.029 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.851 | 160  | 403287   | 22.128 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.445 | 143  | 39661    | 18.731 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.181 | 176  | 339239   | 22.321 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.339 | 200  | 72258    | 22.243 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.069 | 188  | 546537   | 22.278 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.463 | 212  | 712058   | 21.692 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.374 | 264  | 843014   | 21.975 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.164  | 88   | 17306    | 7.969  | ng/uL  | 98       |
| 5) Pyridine                   | 3.558  | 79   | 99764    | 19.352 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.740  | 77   | 66272m   | 20.447 | ng/u1  |          |
| 8) Phenol                     | 6.793  | 94   | 131945   | 22.354 | ng/u1  | 92       |
| 10) Bis(2-Chloroethyl)ether   | 6.999  | 93   | 106704   | 22.902 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.140  | 128  | 93587    | 21.334 | ng/u1  | 95       |
| 13) 2-Methylphenol            | 8.010  | 108  | 95485    | 21.814 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.063  | 45   | 124416   | 21.959 | ng/u1  | 97       |
| 16) Acetophenone              | 8.375  | 105  | 171246   | 22.235 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.352  | 70   | 92988    | 22.159 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.334  | 108  | 105919   | 22.418 | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.605  | 117  | 43636    | 20.430 | ng/u1  | 95       |
| 22) Nitrobenzene              | 8.746  | 77   | 134861   | 21.038 | ng/u1  | 98       |
| 23) Isophorone                | 9.263  | 82   | 244015   | 21.492 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.446  | 139  | 56937    | 21.953 | ng/u1  | 91       |
| 26) 2,4-Dimethylphenol        | 9.516  | 107  | 107371   | 18.696 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.728  | 93   | 139148   | 21.692 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 9.987  | 162  | 107870   | 21.239 | ng/u1  | 99       |
| 30) Naphthalene               | 10.352 | 128  | 320530   | 21.702 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.481 | 127  | 128823   | 23.142 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.622 | 225  | 95399    | 21.176 | ng/u1  | 96       |
| 34) Caprolactam               | 11.275 | 113  | 32421m   | 21.878 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.628 | 107  | 120351   | 21.824 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 11.969 | 142  | 241028   | 22.007 | ng/u1  | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112624\  
 Data File : BP023327.D  
 Acq On : 26 Nov 2024 18:20  
 Operator : RC/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SICV641

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024  
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 00:11:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 27 00:04:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.187 | 142  | 227248   | 20.361 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.346 | 216  | 172333   | 21.217 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.310 | 237  | 68106    | 17.451 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.604 | 196  | 103803   | 21.595 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.698 | 196  | 112364   | 21.879 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 12.993 | 154  | 340533   | 21.593 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.040 | 162  | 275010   | 21.558 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.263 | 65   | 79411    | 21.486 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 13.622 | 163  | 371082   | 21.802 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.763 | 165  | 78404    | 24.040 | ng/ul  | 88       |
| 50) Acenaphthylene            | 13.881 | 152  | 417303   | 22.484 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.116 | 138  | 68183    | 24.944 | ng/ul  | 97       |
| 52) Acenaphthene              | 14.228 | 153  | 289986   | 21.376 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.351 | 184  | 41783    | 19.867 | ng/ul  | 91       |
| 55) 4-Nitrophenol             | 14.463 | 109  | 61184    | 21.449 | ng/ul# | 86       |
| 56) Dibenzofuran              | 14.575 | 168  | 446524   | 21.673 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.569 | 165  | 117409   | 22.341 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.828 | 232  | 113553   | 22.272 | ng/ul  | 93       |
| 59) Diethylphthalate          | 15.010 | 149  | 363245   | 21.399 | ng/ul  | 97       |
| 61) Fluorene                  | 15.234 | 166  | 357312   | 21.300 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.222 | 204  | 203503   | 20.916 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.292 | 138  | 62082    | 25.823 | ng/ul  | 90       |
| 66) 4,6-Dinitro-2-methylph... | 15.357 | 198  | 74264    | 21.549 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.457 | 169  | 308513   | 22.475 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.145 | 248  | 136787   | 21.556 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.257 | 284  | 174318   | 22.424 | ng/ul  | 93       |
| 70) Atrazine                  | 16.434 | 200  | 134943   | 22.592 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.628 | 266  | 97524    | 21.493 | ng/ul  | 92       |
| 72) Phenanthrene              | 17.010 | 178  | 611682   | 22.011 | ng/ul  | 99       |
| 74) Anthracene                | 17.104 | 178  | 614003   | 22.097 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 12.957 | 216  | 165685   | 21.384 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.492 | 250  | 186857   | 21.879 | ng/ul  | 99       |
| 77) Carbazole                 | 17.398 | 167  | 533301   | 23.558 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 17.981 | 149  | 610616   | 21.952 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.116 | 202  | 796780   | 21.183 | ng/ul  | 99       |
| 82) Pyrene                    | 19.492 | 202  | 838425   | 21.006 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.439 | 149  | 307076   | 22.213 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.310 | 252  | 346575   | 24.040 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.386 | 228  | 912296   | 21.654 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 419737   | 21.143 | ng/ul  | 98       |
| 87) Chrysene                  | 21.451 | 228  | 871583   | 21.587 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.516 | 149  | 748127   | 21.375 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.586 | 252  | 984090   | 21.856 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.651 | 252  | 973647   | 21.734 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 24.433 | 252  | 900571m  | 22.060 | ng/ul  |          |
| 94) Indeno(1,2,3-cd)pyrene    | 28.198 | 276  | 1140680m | 21.743 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.274 | 278  | 917722m  | 21.858 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.345 | 276  | 845504m  | 21.049 | ng/ul  |          |

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

