

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080822\  
 Data File : BP011317.D  
 Acq On : 08 Aug 2022 18:36  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SICV644

Quant Time: Aug 08 19:15:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP080822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 08 18:47:19 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022  
 Supervised By :Sohil Jodhani 08/10/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.593  | 152  | 151941   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.381 | 136  | 656596   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.263 | 164  | 363059   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.034 | 188  | 728266   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.163 | 240  | 784962   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.474 | 264  | 767278   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.087  | 96   | 37873m   | 7.641  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.499  | 84   | 244042   | 19.520 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.775  | 99   | 265196   | 19.722 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.940  | 67   | 197821   | 20.749 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.122  | 132  | 218344   | 20.695 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.316  | 113  | 209723   | 19.864 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.758  | 128  | 95488    | 21.369 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.475  | 143  | 90793    | 22.192 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.010 | 165  | 174188   | 21.083 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.534 | 131  | 281523   | 19.490 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 532008   | 21.119 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 642846   | 21.200 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.493 | 143  | 101879   | 22.143 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.269 | 176  | 441475   | 20.493 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200  | 71553    | 21.153 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.134 | 188  | 706399   | 21.580 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.398 | 212  | 822438   | 19.017 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.321 | 264  | 774742   | 20.022 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.123  | 88   | 40310    | 7.657  | ng/uL# | 84       |
| 5) Pyridine                   | 3.517  | 79   | 240251   | 18.449 | ng/u1# | 88       |
| 6) Benzaldehyde               | 6.746  | 77   | 151347   | 25.827 | ng/u1  | 97       |
| 8) Phenol                     | 6.799  | 94   | 277468   | 19.064 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.028  | 93   | 223138   | 19.036 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.158  | 128  | 222358   | 20.226 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.046  | 108  | 202632   | 19.331 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.134  | 45   | 336365   | 19.132 | ng/u1# | 95       |
| 16) Acetophenone              | 8.422  | 105  | 337313   | 19.747 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.411  | 70   | 172593   | 20.510 | ng/u1  | 93       |
| 18) 4-Methylphenol            | 8.375  | 108  | 214303   | 19.074 | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.658  | 117  | 91493    | 19.710 | ng/u1  | 99       |
| 22) Nitrobenzene              | 8.799  | 77   | 252955   | 20.221 | ng/u1  | 97       |
| 23) Isophorone                | 9.328  | 82   | 470936   | 20.523 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.505  | 139  | 102210   | 21.436 | ng/u1  | 93       |
| 26) 2,4-Dimethylphenol        | 9.575  | 107  | 244961   | 20.333 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.816  | 93   | 286811   | 19.559 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.034 | 162  | 173593   | 20.092 | ng/u1  | 99       |
| 30) Naphthalene               | 10.434 | 128  | 689364   | 19.298 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.557 | 127  | 276257   | 19.081 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.716 | 225  | 104723   | 19.757 | ng/u1  | 99       |
| 34) Caprolactam               | 11.352 | 113  | 56267    | 19.474 | ng/u1  | 84       |
| 35) 4-Chloro-3-methylphenol   | 11.699 | 107  | 206518   | 20.330 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.057 | 142  | 437329   | 19.750 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.281 | 142  | 432092   | 19.238 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.428 | 216  | 187837   | 19.652 | ng/ul  | 95       |
| 40) Hexachlorocyclopentadiene | 12.404 | 237  | 94397    | 18.430 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.681 | 196  | 117566   | 20.329 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.757 | 196  | 124663   | 20.197 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.093 | 154  | 548860   | 19.252 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.128 | 162  | 417239   | 19.506 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.351 | 65   | 118009   | 21.722 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 13.734 | 163  | 516966   | 20.262 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.857 | 165  | 98813    | 24.769 | ng/ul  | 93       |
| 50) Acenaphthylene            | 13.981 | 152  | 699959   | 20.025 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.187 | 138  | 108164   | 24.647 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.328 | 153  | 455543   | 19.541 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.398 | 184  | 45173    | 19.085 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.504 | 109  | 95000    | 22.257 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.669 | 168  | 615743   | 19.483 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.651 | 165  | 135994   | 22.240 | ng/ul  | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 14.898 | 232  | 101198   | 21.076 | ng/ul# | 97       |
| 59) Diethylphthalate          | 15.116 | 149  | 544870   | 20.614 | ng/ul  | 99       |
| 61) Fluorene                  | 15.322 | 166  | 502891   | 19.593 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.328 | 204  | 219006   | 19.520 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.363 | 138  | 117380m  | 27.488 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.416 | 198  | 73304    | 21.045 | ng/ul# | 96       |
| 67) N-Nitrosodiphenylamine    | 15.545 | 169  | 425618   | 19.833 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.228 | 248  | 125748   | 19.512 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.328 | 284  | 143422   | 19.049 | ng/ul  | 96       |
| 70) Atrazine                  | 16.516 | 200  | 143584   | 20.073 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.681 | 266  | 87009    | 19.907 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.075 | 178  | 775227   | 18.984 | ng/ul  | 100      |
| 74) Anthracene                | 17.169 | 178  | 846013   | 20.811 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.046 | 216  | 191905   | 18.355 | ng/uL  | 100      |
| 76) Pentachlorobenzene        | 14.581 | 250  | 177633   | 19.509 | ng/uL  | 99       |
| 77) Carbazole                 | 17.451 | 167  | 838441   | 22.071 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.022 | 149  | 1011168  | 24.343 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.069 | 202  | 972691   | 18.479 | ng/ul  | 98       |
| 82) Pyrene                    | 19.422 | 202  | 1017345  | 18.311 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.322 | 149  | 382195   | 21.587 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.092 | 252  | 238860   | 16.720 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.145 | 228  | 968562   | 19.233 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.092 | 149  | 625429   | 22.005 | ng/ul  | 99       |
| 87) Chrysene                  | 21.198 | 228  | 944560   | 18.947 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 21.992 | 149  | 1073200  | 20.159 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.769 | 252  | 978696   | 19.380 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.816 | 252  | 966578   | 19.563 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.369 | 252  | 912621   | 18.737 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 25.857 | 276  | 1046252  | 19.431 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.874 | 278  | 899769   | 19.648 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.586 | 276  | 891182   | 19.615 | ng/ul  | 100      |

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

