

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081122\  
 Data File : BP011392.D  
 Acq On : 11 Aug 2022 17:55  
 Operator : CG/JU  
 Sample : PB146869BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS869

Quant Time: Aug 11 18:53:02 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 08/12/2022  
 Supervised By :Sohil Jodhani 08/13/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.581  | 152  | 83101    | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.369 | 136  | 372380   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.257 | 164  | 227734   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.028 | 188  | 470498   | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.163 | 240  | 467249   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.469 | 264  | 461112   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.081  | 96   | 15680    | 5.784  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.487  | 84   | 197577   | 28.894 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.764  | 99   | 236537   | 32.163 | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.928  | 67   | 155903   | 29.898 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.116  | 132  | 192220   | 33.312 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.305  | 113  | 188698   | 32.678 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 8.746  | 128  | 90456    | 35.692 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.463  | 143  | 93949    | 40.490 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 9.999  | 165  | 170007   | 36.282 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.522 | 131  | 242195   | 29.565 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.681 | 166  | 555463   | 35.153 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.946 | 160  | 650873   | 34.219 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.487 | 143  | 99327    | 34.416 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.257 | 176  | 456161   | 33.757 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.393 | 200  | 81829    | 37.443 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.128 | 188  | 698589   | 33.034 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.392 | 212  | 817777   | 31.768 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.322 | 264  | 817459   | 35.153 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.117  | 88   | 33099    | 11.495 | ng/uL# | 79       |
| 5) Pyridine                   | 3.511  | 79   | 196893   | 27.644 | ng/u1  | 85       |
| 6) Benzaldehyde               | 6.734  | 77   | 140883   | 43.957 | ng/u1  | 99       |
| 8) Phenol                     | 6.793  | 94   | 240990   | 30.273 | ng/u1  | 90       |
| 10) Bis(2-Chloroethyl)ether   | 7.022  | 93   | 192645   | 30.049 | ng/u1  | 95       |
| 12) 2-Chlorophenol            | 7.146  | 128  | 198003   | 32.931 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.034  | 108  | 177184   | 30.906 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.122  | 45   | 288983m  | 30.054 | ng/u1  |          |
| 16) Acetophenone              | 8.411  | 105  | 309720   | 33.152 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.405  | 70   | 163555   | 35.537 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.369  | 108  | 193647   | 31.513 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.646  | 117  | 89064    | 35.081 | ng/u1  | 99       |
| 22) Nitrobenzene              | 8.787  | 77   | 243852   | 34.372 | ng/u1  | 99       |
| 23) Isophorone                | 9.316  | 82   | 444147   | 34.129 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.493  | 139  | 103087   | 38.122 | ng/u1# | 82       |
| 26) 2,4-Dimethylphenol        | 9.563  | 107  | 215621   | 31.557 | ng/u1  | 92       |
| 27) Bis(2-Chloroethoxy)met... | 9.805  | 93   | 261008   | 31.384 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.028 | 162  | 165993   | 33.876 | ng/u1  | 98       |
| 30) Naphthalene               | 10.422 | 128  | 627005   | 30.948 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.546 | 127  | 225842   | 27.504 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.699 | 225  | 108294   | 36.025 | ng/u1  | 98       |
| 34) Caprolactam               | 11.346 | 113  | 59573m   | 36.356 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.687 | 107  | 211866   | 36.774 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.046 | 142  | 410413   | 32.681 | ng/u1  | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.269 | 142  | 416755   | 32.717 | ng/ul# | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.422 | 216  | 183489   | 30.605 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.393 | 237  | 87495    | 27.234 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.675 | 196  | 121502   | 33.494 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.746 | 196  | 134738   | 34.801 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.081 | 154  | 530335   | 29.656 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.116 | 162  | 402218   | 29.977 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.340 | 65   | 144601   | 42.434 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.728 | 163  | 552063   | 34.495 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.851 | 165  | 104885   | 41.914 | ng/ul  | 97       |
| 50) Acenaphthylene            | 13.975 | 152  | 695861   | 31.737 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.181 | 138  | 111124   | 40.368 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.322 | 153  | 460041   | 31.460 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.387 | 184  | 53201    | 35.832 | ng/ul# | 86       |
| 55) 4-Nitrophenol             | 14.498 | 109  | 113684   | 42.462 | ng/ul# | 71       |
| 56) Dibenzofuran              | 14.657 | 168  | 631034   | 31.831 | ng/ul  | 90       |
| 57) 2,4-Dinitrotoluene        | 14.645 | 165  | 158249   | 41.258 | ng/ul  | 88       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.893 | 232  | 110811   | 36.791 | ng/ul# | 94       |
| 59) Diethylphthalate          | 15.104 | 149  | 624647   | 37.675 | ng/ul  | 97       |
| 61) Fluorene                  | 15.316 | 166  | 530618   | 32.958 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204  | 237220   | 33.707 | ng/ul  | 89       |
| 63) 4-Nitroaniline            | 15.357 | 138  | 127104m  | 47.452 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 82153    | 36.507 | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 15.540 | 169  | 454990   | 32.817 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.222 | 248  | 139066   | 33.401 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.322 | 284  | 160128   | 32.920 | ng/ul  | 92       |
| 70) Atrazine                  | 16.510 | 200  | 135903   | 29.408 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.675 | 266  | 93041    | 32.949 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.069 | 178  | 849099   | 32.185 | ng/ul  | 100      |
| 74) Anthracene                | 17.163 | 178  | 846923   | 32.246 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.040 | 216  | 185474   | 27.459 | ng/uL  | 100      |
| 76) Pentachlorobenzene        | 14.575 | 250  | 181080   | 30.783 | ng/uL  | 98       |
| 77) Carbazole                 | 17.445 | 167  | 803170   | 32.726 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.016 | 149  | 1088792  | 40.571 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.063 | 202  | 993674   | 31.713 | ng/ul  | 95       |
| 82) Pyrene                    | 19.422 | 202  | 1027915  | 31.081 | ng/ul# | 92       |
| 83) Butylbenzylphthalate      | 20.322 | 149  | 502026   | 47.635 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.092 | 252  | 311095   | 36.584 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.145 | 228  | 977456   | 32.607 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 749030   | 44.273 | ng/ul# | 97       |
| 87) Chrysene                  | 21.198 | 228  | 960274   | 32.360 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 21.986 | 149  | 1273058  | 39.791 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.769 | 252  | 1010938  | 33.311 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 22.816 | 252  | 959009   | 32.297 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.369 | 252  | 983152   | 33.588 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.857 | 276  | 1102552  | 34.073 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 25.868 | 278  | 942822   | 34.259 | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 26.580 | 276  | 927607   | 33.972 | ng/ul  | 96       |

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

