

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120722\  
 Data File : BP012968.D  
 Acq On : 07 Dec 2022 13:19  
 Operator : CG/JU  
 Sample : SSTD01012  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD010639

Quant Time: Dec 07 23:58:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 07 23:53:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 538488   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.793 | 136  | 2320794  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.616 | 164  | 1568659  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.375 | 188  | 3586844  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.457 | 240  | 3495100  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.945 | 264  | 3780123  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.358  | 96   | 51252    | 4.235  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 355871   | 9.113  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.134  | 99   | 412834   | 8.302  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.305  | 67   | 275459   | 9.784  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.505  | 132  | 347595   | 9.537  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.687  | 113  | 351294   | 8.603  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.146  | 128  | 168513   | 10.210 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.869  | 143  | 185710   | 9.832  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.410 | 165  | 375258   | 9.925  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.928 | 131  | 545484   | 10.211 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.022 | 166  | 1272237  | 11.245 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.310 | 160  | 1377542  | 11.027 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.804 | 143  | 194361   | 8.399  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.610 | 176  | 1084195  | 10.903 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 200  | 196751   | 9.349  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.475 | 188  | 1696352  | 10.700 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.698 | 212  | 2038056  | 11.863 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.780 | 264  | 1879501  | 10.176 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.393  | 88   | 54084    | 4.195  | ng/uL  | 98       |
| 5) Pyridine                   | 3.811  | 79   | 354314   | 9.313  | ng/u1  | 99       |
| 6) Benzaldehyde               | 7.116  | 77   | 170957   | 6.997  | ng/u1  | 97       |
| 8) Phenol                     | 7.157  | 94   | 426806   | 8.267  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.399  | 93   | 376256   | 9.447  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.540  | 128  | 357106   | 9.155  | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.422  | 108  | 331378   | 8.209  | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 530295   | 9.503  | ng/u1  | 98       |
| 16) Acetophenone              | 8.804  | 105  | 598929   | 9.470  | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.787  | 70   | 299035   | 9.301  | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.746  | 108  | 374092   | 8.298  | ng/u1  | 95       |
| 19) Hexachloroethane          | 9.069  | 117  | 145237   | 10.083 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.187  | 77   | 413034   | 10.375 | ng/u1  | 98       |
| 23) Isophorone                | 9.716  | 82   | 835497   | 9.825  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.904  | 139  | 205397   | 9.667  | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.957  | 107  | 417175   | 9.997  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.198 | 93   | 543636   | 10.556 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.434 | 162  | 372668   | 9.692  | ng/u1  | 98       |
| 30) Naphthalene               | 10.846 | 128  | 1292057  | 10.552 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.951 | 127  | 551703   | 10.040 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.128 | 225  | 257848   | 10.647 | ng/u1  | 97       |
| 34) Caprolactam               | 11.734 | 113  | 117148   | 8.124  | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 12.069 | 107  | 387619   | 9.120  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.451 | 142  | 873876   | 9.844  | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.663 | 142  | 902755   | 10.098 | ng/u1  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216  | 521650   | 10.954 | ng/u1  | 99       |
| 40) Hexachlorocyclopentadiene | 12.792 | 237  | 293829   | 12.117 | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.051 | 196  | 329756   | 10.104 | ng/u1  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.122 | 196  | 349458   | 9.955  | ng/u1  | 99       |
| 43) 1,1'-Biphenyl             | 13.451 | 154  | 1246506  | 11.258 | ng/u1  | 100      |
| 44) 2-Chloronaphthalene       | 13.492 | 162  | 974389   | 10.995 | ng/u1  | 99       |
| 45) 2-Nitroaniline            | 13.698 | 65   | 216988   | 9.097  | ng/u1  | 98       |
| 47) Dimethylphthalate         | 14.069 | 163  | 1272155  | 10.764 | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.192 | 165  | 213955   | 9.703  | ng/u1  | 99       |
| 50) Acenaphthylene            | 14.339 | 152  | 1516087  | 11.076 | ng/u1  | 100      |
| 51) 3-Nitroaniline            | 14.522 | 138  | 178641   | 7.290  | ng/u1  | 99       |
| 52) Acenaphthene              | 14.681 | 153  | 1046330  | 10.787 | ng/u1  | 99       |
| 53) 2,4-Dinitrophenol         | 14.722 | 184  | 107740   | 6.829  | ng/u1  | 96       |
| 55) 4-Nitrophenol             | 14.822 | 109  | 144750   | 8.931  | ng/u1  | 94       |
| 56) Dibenzofuran              | 15.016 | 168  | 1503902  | 10.947 | ng/u1  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.975 | 165  | 319416   | 9.678  | ng/u1  | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.239 | 232  | 324890   | 9.828  | ng/u1  | 98       |
| 59) Diethylphthalate          | 15.434 | 149  | 1233260  | 10.470 | ng/u1  | 99       |
| 61) Fluorene                  | 15.663 | 166  | 1228556  | 10.818 | ng/u1  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 640301   | 10.915 | ng/u1  | 99       |
| 63) 4-Nitroaniline            | 15.681 | 138  | 156412   | 6.721  | ng/u1  | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.739 | 198  | 202947   | 9.101  | ng/u1# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.869 | 169  | 1045749  | 10.665 | ng/u1  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 397835   | 11.205 | ng/u1  | 99       |
| 69) Hexachlorobenzene         | 16.669 | 284  | 475681   | 10.725 | ng/u1  | 95       |
| 70) Atrazine                  | 16.828 | 200  | 386757   | 10.629 | ng/u1  | 99       |
| 71) Pentachlorophenol         | 17.016 | 266  | 255076   | 8.880  | ng/u1  | 97       |
| 72) Phenanthrene              | 17.416 | 178  | 1991050  | 10.523 | ng/u1  | 100      |
| 74) Anthracene                | 17.504 | 178  | 1995404  | 10.525 | ng/u1  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.416 | 216  | 516617   | 10.812 | ng/uL  | 100      |
| 76) Pentachlorobenzene        | 14.934 | 250  | 534991   | 10.057 | ng/uL  | 100      |
| 77) Carbazole                 | 17.775 | 167  | 1746294  | 10.589 | ng/u1  | 99       |
| 78) Di-n-butylphthalate       | 18.316 | 149  | 2030606  | 9.046  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.374 | 202  | 2350684  | 11.544 | ng/u1  | 100      |
| 82) Pyrene                    | 19.727 | 202  | 2486928  | 11.739 | ng/u1  | 100      |
| 83) Butylbenzylphthalate      | 20.592 | 149  | 899325   | 10.533 | ng/u1  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.369 | 252  | 784923   | 10.281 | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.439 | 228  | 2438493  | 11.052 | ng/u1  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 1304351  | 10.476 | ng/u1  | 99       |
| 87) Chrysene                  | 21.498 | 228  | 2324119  | 11.227 | ng/u1  | 100      |
| 89) Di-n-octyl phthalate      | 22.304 | 149  | 2162066  | 11.207 | ng/u1  | 100      |
| 90) Benzo(b)fluoranthene      | 23.180 | 252  | 2396174  | 9.963  | ng/u1  | 99       |
| 91) Benzo(k)fluoranthene      | 23.233 | 252  | 2459628  | 10.784 | ng/u1  | 99       |
| 93) Benzo(a)pyrene            | 23.833 | 252  | 2135728  | 10.057 | ng/u1  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.551 | 276  | 2656534  | 10.222 | ng/u1  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.568 | 278  | 2218550  | 9.535  | ng/u1  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.351 | 276  | 2130358  | 9.444  | ng/u1  | 99       |

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

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Operator  : CG/JU  
Sample    : SST001012  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
```

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BNA\_P  
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SSTD010639

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