

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101722\  
 Data File : BP012167.D  
 Acq On : 17 Oct 2022 16:03  
 Operator : CG/JU  
 Sample : SST02076  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST020640

Quant Time: Oct 18 01:14:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 18 01:11:56 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 318817   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.640 | 136  | 1323494  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.487 | 164  | 800492   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 1630688  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.339 | 240  | 1616500  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.745 | 264  | 1645442  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 69923    | 8.647  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 469321   | 21.824 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.005  | 99   | 542128   | 21.143 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 332938   | 22.876 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.363  | 132  | 419348   | 20.603 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.552  | 113  | 409090   | 20.771 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.005  | 128  | 190347   | 20.364 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 196033   | 20.683 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.263 | 165  | 397350   | 21.632 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.787 | 131  | 578453   | 21.370 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.898 | 166  | 1120334  | 22.099 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.175 | 160  | 1322413  | 21.094 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 203532   | 20.450 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.481 | 176  | 1004682  | 21.904 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 200  | 168182   | 19.532 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.345 | 188  | 1512575  | 21.361 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.580 | 212  | 1703861  | 20.574 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.592 | 264  | 1691536  | 21.147 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 73506    | 8.638  | ng/uL  | 100      |
| 5) Pyridine                   | 3.711  | 79   | 461353   | 22.391 | ng/u1  | 100      |
| 6) Benzaldehyde               | 6.981  | 77   | 300758   | 25.000 | ng/u1  | 100      |
| 8) Phenol                     | 7.028  | 94   | 572978   | 21.286 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.263  | 93   | 465988   | 21.941 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.399  | 128  | 455458   | 20.619 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.287  | 108  | 419988   | 20.919 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.369  | 45   | 621385   | 28.544 | ng/u1  | 100      |
| 16) Acetophenone              | 8.663  | 105  | 676833   | 22.291 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.652  | 70   | 323890   | 23.420 | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.610  | 108  | 461887   | 21.344 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.910  | 117  | 182272   | 21.377 | ng/u1  | 100      |
| 22) Nitrobenzene              | 9.046  | 77   | 492922   | 23.005 | ng/u1  | 100      |
| 23) Isophorone                | 9.575  | 82   | 905544   | 23.826 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.757  | 139  | 234437   | 21.054 | ng/u1  | 100      |
| 26) 2,4-Dimethylphenol        | 9.816  | 107  | 484174   | 22.326 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.057 | 93   | 606945   | 23.271 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.287 | 162  | 417939   | 21.651 | ng/u1  | 100      |
| 30) Naphthalene               | 10.693 | 128  | 1467775  | 20.987 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.810 | 127  | 599095   | 21.467 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.969 | 225  | 259399   | 21.671 | ng/u1  | 100      |
| 34) Caprolactam               | 11.610 | 113  | 114966   | 21.674 | ng/u1  | 100      |
| 35) 4-Chloro-3-methylphenol   | 11.934 | 107  | 434735   | 23.772 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.304 | 142  | 970490   | 21.550 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.522 | 142  | 977598   | 21.676 | ng/u1 | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.669 | 216  | 501782   | 20.506 | ng/u1 | 100      |
| 40) Hexachlorocyclopentadiene | 12.646 | 237  | 214103   | 18.014 | ng/u1 | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.916 | 196  | 317312   | 21.527 | ng/u1 | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.987 | 196  | 344165   | 21.484 | ng/u1 | 100      |
| 43) 1,1'-Biphenyl             | 13.316 | 154  | 1245682  | 20.613 | ng/u1 | 100      |
| 44) 2-Chloronaphthalene       | 13.357 | 162  | 989290   | 20.500 | ng/u1 | 100      |
| 45) 2-Nitroaniline            | 13.575 | 65   | 243294   | 23.634 | ng/u1 | 100      |
| 47) Dimethylphthalate         | 13.945 | 163  | 1191277  | 22.303 | ng/u1 | 100      |
| 48) 2,6-Dinitrotoluene        | 14.069 | 165  | 208155   | 22.012 | ng/u1 | 100      |
| 50) Acenaphthylene            | 14.204 | 152  | 1499212  | 21.135 | ng/u1 | 100      |
| 51) 3-Nitroaniline            | 14.398 | 138  | 227007   | 20.615 | ng/u1 | 100      |
| 52) Acenaphthene              | 14.551 | 153  | 1047648  | 20.747 | ng/u1 | 100      |
| 53) 2,4-Dinitrophenol         | 14.610 | 184  | 116637   | 19.092 | ng/u1 | 100      |
| 55) 4-Nitrophenol             | 14.710 | 109  | 152558   | 22.171 | ng/u1 | 100      |
| 56) Dibenzofuran              | 14.887 | 168  | 1450488  | 21.254 | ng/u1 | 100      |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 315534   | 23.217 | ng/u1 | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 291507   | 23.346 | ng/u1 | 100      |
| 59) Diethylphthalate          | 15.310 | 149  | 1154285  | 23.597 | ng/u1 | 100      |
| 61) Fluorene                  | 15.534 | 166  | 1167247  | 21.789 | ng/u1 | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 568729   | 21.945 | ng/u1 | 100      |
| 63) 4-Nitroaniline            | 15.569 | 138  | 219167   | 21.798 | ng/u1 | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.622 | 198  | 187102   | 20.100 | ng/u1 | 100      |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 995553   | 20.626 | ng/u1 | 100      |
| 68) 4-Bromophenyl-phenylether | 16.434 | 248  | 339621   | 21.403 | ng/u1 | 100      |
| 69) Hexachlorobenzene         | 16.539 | 284  | 405981   | 22.043 | ng/u1 | 100      |
| 70) Atrazine                  | 16.710 | 200  | 327222   | 22.046 | ng/u1 | 100      |
| 71) Pentachlorophenol         | 16.892 | 266  | 231028   | 21.410 | ng/u1 | 100      |
| 72) Phenanthrene              | 17.286 | 178  | 1878036  | 21.177 | ng/u1 | 100      |
| 74) Anthracene                | 17.381 | 178  | 1881951  | 21.445 | ng/u1 | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.281 | 216  | 501733   | 19.041 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.804 | 250  | 527223   | 20.373 | ng/uL | 100      |
| 77) Carbazole                 | 17.651 | 167  | 1699827  | 21.717 | ng/u1 | 100      |
| 78) Di-n-butylphthalate       | 18.204 | 149  | 1851166  | 23.833 | ng/u1 | 100      |
| 80) Fluoranthene              | 19.257 | 202  | 2115494  | 20.847 | ng/u1 | 100      |
| 82) Pyrene                    | 19.610 | 202  | 2232223  | 20.786 | ng/u1 | 100      |
| 83) Butylbenzylphthalate      | 20.486 | 149  | 806212   | 23.683 | ng/u1 | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.257 | 252  | 747965   | 20.998 | ng/u1 | 100      |
| 85) Benzo(a)anthracene        | 21.322 | 228  | 2141531  | 21.047 | ng/u1 | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 1157506  | 25.222 | ng/u1 | 100      |
| 87) Chrysene                  | 21.374 | 228  | 2057688  | 21.009 | ng/u1 | 100      |
| 89) Di-n-octyl phthalate      | 22.169 | 149  | 1970691  | 23.922 | ng/u1 | 100      |
| 90) Benzo(b)fluoranthene      | 23.010 | 252  | 2207346  | 21.193 | ng/u1 | 100      |
| 91) Benzo(k)fluoranthene      | 23.057 | 252  | 2194127  | 21.417 | ng/u1 | 100      |
| 93) Benzo(a)pyrene            | 23.639 | 252  | 1958113  | 21.073 | ng/u1 | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.257 | 276  | 2391645  | 20.356 | ng/u1 | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.268 | 278  | 2183506  | 20.715 | ng/u1 | 100      |
| 96) Benzo(g,h,i)perylene      | 27.021 | 276  | 2149998  | 20.296 | ng/u1 | 100      |

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

```
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Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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