

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111022\  
 Data File : BP012594.D  
 Acq On : 10 Nov 2022 12:06  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020671

Quant Time: Nov 10 21:33:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 09 23:28:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 251965   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.557 | 136  | 1166074  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.416 | 164  | 768733   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 1651609  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.280 | 240  | 1751409  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.657 | 264  | 1868562  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.223  | 96   | 47382    | 7.665  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 340417   | 19.486 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.952  | 99   | 419025   | 19.728 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.105  | 67   | 258168   | 20.314 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.299  | 132  | 332938   | 20.369 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.487  | 113  | 341211   | 20.308 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.934  | 128  | 171977   | 19.932 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.652  | 143  | 191106   | 20.166 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 344243   | 20.164 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.716 | 131  | 503007   | 20.917 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.834 | 166  | 1054324  | 19.898 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 1218894  | 20.334 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.663 | 143  | 162559   | 19.485 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.416 | 176  | 911555   | 20.289 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200  | 174220   | 19.072 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.281 | 188  | 1434086  | 19.995 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.522 | 212  | 1714229  | 17.466 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.504 | 264  | 1794823  | 19.485 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.258  | 88   | 50675    | 7.674  | ng/uL  | 97       |
| 5) Pyridine                   | 3.664  | 79   | 331448   | 19.624 | ng/u1  | 95       |
| 6) Benzaldehyde               | 6.911  | 77   | 227531   | 22.916 | ng/u1  | 96       |
| 8) Phenol                     | 6.975  | 94   | 446363   | 20.352 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.193  | 93   | 367194   | 20.726 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.328  | 128  | 357474   | 20.391 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.222  | 108  | 343492   | 20.273 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 483856   | 20.866 | ng/u1  | 99       |
| 16) Acetophenone              | 8.593  | 105  | 566866   | 22.073 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.575  | 70   | 276481   | 20.921 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.552  | 108  | 377858   | 20.981 | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.828  | 117  | 141925   | 20.086 | ng/u1  | 97       |
| 22) Nitrobenzene              | 8.975  | 77   | 419517   | 20.253 | ng/u1  | 100      |
| 23) Isophorone                | 9.499  | 82   | 799634   | 19.920 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.681  | 139  | 214380   | 20.274 | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.752  | 107  | 419950   | 20.197 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.981  | 93   | 506207   | 19.798 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.222 | 162  | 351844   | 19.944 | ng/u1  | 99       |
| 30) Naphthalene               | 10.610 | 128  | 1204459  | 19.957 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.740 | 127  | 521678   | 21.108 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.881 | 225  | 234433   | 20.069 | ng/u1  | 98       |
| 34) Caprolactam               | 11.540 | 113  | 108371   | 19.490 | ng/u1  | 100      |
| 35) 4-Chloro-3-methylphenol   | 11.881 | 107  | 393579   | 20.379 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.228 | 142  | 840224   | 20.241 | ng/u1  | 100      |

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| 37) 1-Methylnaphthalene       | 12.446 | 142  | 843471   | 20.287 | ng/u1  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.593 | 216  | 457370   | 19.909 | ng/u1  | 99       |
| 40) Hexachlorocyclopentadiene | 12.563 | 237  | 180373   | 16.141 | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.851 | 196  | 295454   | 19.901 | ng/u1  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.934 | 196  | 307702   | 19.617 | ng/u1  | 98       |
| 43) 1,1'-Biphenyl             | 13.246 | 154  | 1099053  | 19.871 | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.287 | 162  | 873321   | 19.891 | ng/u1  | 99       |
| 45) 2-Nitroaniline            | 13.510 | 65   | 246668   | 20.627 | ng/u1  | 97       |
| 47) Dimethylphthalate         | 13.881 | 163  | 1106214  | 19.998 | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.010 | 165  | 223598   | 20.577 | ng/u1  | 97       |
| 50) Acenaphthylene            | 14.140 | 152  | 1339277  | 20.298 | ng/u1  | 99       |
| 51) 3-Nitroaniline            | 14.345 | 138  | 215926   | 19.600 | ng/u1  | 94       |
| 52) Acenaphthene              | 14.481 | 153  | 928823   | 19.869 | ng/u1  | 99       |
| 53) 2,4-Dinitrophenol         | 14.557 | 184  | 108056   | 17.224 | ng/u1  | 97       |
| 55) 4-Nitrophenol             | 14.681 | 109  | 131721   | 19.463 | ng/u1  | 99       |
| 56) Dibenzofuran              | 14.816 | 168  | 1296452  | 20.514 | ng/u1  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.804 | 165  | 321884   | 21.399 | ng/u1  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232  | 284608   | 20.789 | ng/u1# | 97       |
| 59) Diethylphthalate          | 15.251 | 149  | 1118803  | 20.370 | ng/u1  | 99       |
| 61) Fluorene                  | 15.469 | 166  | 1045603  | 20.726 | ng/u1  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 525339   | 20.585 | ng/u1  | 98       |
| 63) 4-Nitroaniline            | 15.516 | 138  | 199435   | 21.665 | ng/u1  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198  | 184542   | 19.383 | ng/u1  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.687 | 169  | 917618   | 19.809 | ng/u1  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.369 | 248  | 346715   | 19.684 | ng/u1  | 98       |
| 69) Hexachlorobenzene         | 16.475 | 284  | 416438   | 19.860 | ng/u1  | 98       |
| 70) Atrazine                  | 16.651 | 200  | 338259   | 20.501 | ng/u1  | 98       |
| 71) Pentachlorophenol         | 16.834 | 266  | 228927   | 19.442 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.222 | 178  | 1735064  | 20.170 | ng/u1  | 99       |
| 74) Anthracene                | 17.316 | 178  | 1736610  | 19.723 | ng/u1  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216  | 462443   | 19.114 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.734 | 250  | 503163   | 19.299 | ng/uL  | 99       |
| 77) Carbazole                 | 17.598 | 167  | 1590150  | 21.648 | ng/u1  | 99       |
| 78) Di-n-butylphthalate       | 18.139 | 149  | 1931509  | 19.561 | ng/u1  | 100      |
| 80) Fluoranthene              | 19.198 | 202  | 2078331  | 17.147 | ng/u1  | 99       |
| 82) Pyrene                    | 19.551 | 202  | 2163157  | 17.507 | ng/u1  | 98       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 907770   | 18.290 | ng/u1  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 781477   | 22.708 | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.263 | 228  | 2186982  | 19.696 | ng/u1  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.186 | 149  | 1339289  | 19.479 | ng/u1  | 99       |
| 87) Chrysene                  | 21.316 | 228  | 2073282  | 19.887 | ng/u1  | 100      |
| 89) Di-n-octyl phthalate      | 22.098 | 149  | 2309891  | 17.125 | ng/u1  | 100      |
| 90) Benzo(b)fluoranthene      | 22.933 | 252  | 2274294  | 18.163 | ng/u1  | 98       |
| 91) Benzo(k)fluoranthene      | 22.980 | 252  | 2334800  | 19.565 | ng/u1  | 99       |
| 93) Benzo(a)pyrene            | 23.551 | 252  | 2007826  | 19.535 | ng/u1  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.115 | 276  | 2261791  | 19.162 | ng/u1  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.133 | 278  | 2035869  | 19.014 | ng/u1  | 98       |
| 96) Benzo(g,h,i)perylene      | 26.874 | 276  | 1965219  | 18.564 | ng/u1  | 98       |

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

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