

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090122\  
 Data File : BP011600.D  
 Acq On : 01 Sep 2022 10:49  
 Operator : CG/JU  
 Sample : SSTD00549  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD005610

Quant Time: Sep 01 13:44:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 01 13:42:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.975  | 152  | 475558   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.787 | 136  | 2000548  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.616 | 164  | 1253276  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 2580206  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.451 | 240  | 2463154  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.921 | 264  | 2463665  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 20652    | 1.841  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/u1  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/u1  |          |
| 11) 2-Chlorophenol-d4         | 7.499  | 132  | 126174   | 4.262  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 9.134  | 128  | 50390    | 4.276  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.863  | 143  | 37578    | 4.086  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.404 | 165  | 112621   | 4.089  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 14.022 | 166  | 366072   | 4.319  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.310 | 160  | 419796   | 4.134  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.604 | 176  | 326401   | 4.301  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.469 | 188  | 497800   | 4.309  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.692 | 212  | 543140   | 4.392  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.762 | 264  | 474333   | 3.981  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.405  | 88   | 22145    | 1.871  | ng/uL  | 92       |
| 12) 2-Chlorophenol            | 7.534  | 128  | 135517   | 4.336  | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.781  | 70   | 96470    | 4.322  | ng/u1  | 95       |
| 19) Hexachloroethane          | 9.063  | 117  | 55398    | 4.403  | ng/u1  | 99       |
| 22) Nitrobenzene              | 9.181  | 77   | 125435   | 4.248  | ng/u1  | 98       |
| 23) Isophorone                | 9.704  | 82   | 261564   | 4.115  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.893  | 139  | 44279    | 3.857  | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.951  | 107  | 143633   | 4.259  | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.198 | 93   | 179740   | 4.492  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.428 | 162  | 119288   | 4.213  | ng/u1  | 99       |
| 30) Naphthalene               | 10.840 | 128  | 471060   | 4.567  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.128 | 225  | 86539    | 4.544  | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.057 | 107  | 115620   | 4.048  | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.445 | 142  | 307140   | 4.457  | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.663 | 142  | 309897   | 4.464  | ng/u1  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216  | 164641   | 4.363  | ng/u1  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.045 | 196  | 81078    | 3.993  | ng/u1  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.110 | 196  | 90562    | 4.032  | ng/u1  | 99       |
| 43) 1,1'-Biphenyl             | 13.451 | 154  | 418441   | 4.417  | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.492 | 162  | 317909   | 4.393  | ng/u1  | 97       |
| 45) 2-Nitroaniline            | 13.687 | 65   | 49286    | 3.653  | ng/u1  | 96       |
| 47) Dimethylphthalate         | 14.069 | 163  | 381749   | 4.407  | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.187 | 165  | 43576    | 3.484  | ng/u1  | 99       |
| 50) Acenaphthylene            | 14.334 | 152  | 494985   | 4.245  | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.675 | 153  | 331741   | 4.372 | ng/u1 | 98       |
| 56) Dibenzofuran              | 15.010 | 168  | 483016   | 4.490 | ng/u1 | 99       |
| 57) 2,4-Dinitrotoluene        | 14.963 | 165  | 58502    | 3.344 | ng/u1 | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.234 | 232  | 62819    | 3.790 | ng/u1 | 99       |
| 59) Diethylphthalate          | 15.434 | 149  | 355374   | 4.179 | ng/u1 | 100      |
| 61) Fluorene                  | 15.663 | 166  | 383083   | 4.341 | ng/u1 | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.663 | 204  | 192546   | 4.388 | ng/u1 | 96       |
| 67) N-Nitrosodiphenylamine    | 15.869 | 169  | 314979   | 4.269 | ng/u1 | 99       |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 112132   | 4.325 | ng/u1 | 99       |
| 69) Hexachlorobenzene         | 16.669 | 284  | 138313   | 4.445 | ng/u1 | 99       |
| 72) Phenanthrene              | 17.410 | 178  | 605614   | 4.440 | ng/u1 | 99       |
| 74) Anthracene                | 17.504 | 178  | 599800   | 4.376 | ng/u1 | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.416 | 216  | 169135   | 4.409 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.934 | 250  | 162691   | 4.478 | ng/uL | 98       |
| 78) Di-n-butylphthalate       | 18.327 | 149  | 537868   | 4.042 | ng/u1 | 99       |
| 80) Fluoranthene              | 19.369 | 202  | 655186   | 4.384 | ng/u1 | 98       |
| 82) Pyrene                    | 19.722 | 202  | 700159   | 4.500 | ng/u1 | 98       |
| 83) Butylbenzylphthalate      | 20.604 | 149  | 156648   | 3.609 | ng/u1 | 99       |
| 85) Benzo(a)anthracene        | 21.433 | 228  | 655848   | 4.364 | ng/u1 | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 273184   | 3.708 | ng/u1 | 99       |
| 87) Chrysene                  | 21.486 | 228  | 646873   | 4.437 | ng/u1 | 99       |
| 90) Benzo(b)fluoranthene      | 23.163 | 252  | 641043   | 4.235 | ng/u1 | 99       |
| 91) Benzo(k)fluoranthene      | 23.215 | 252  | 621371   | 4.222 | ng/u1 | 98       |
| 93) Benzo(a)pyrene            | 23.815 | 252  | 611900   | 4.122 | ng/u1 | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.515 | 276  | 684154   | 3.964 | ng/u1 | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.545 | 278  | 593034   | 3.995 | ng/u1 | 98       |
| 96) Benzo(g,h,i)perylene      | 27.309 | 276  | 595676   | 4.103 | ng/u1 | 99       |

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

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