

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071724\  
 Data File : BP021016.D  
 Acq On : 17 Jul 2024 13:42  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020692

Quant Time: Jul 17 14:53:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 139088   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.440 | 136  | 584697   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.316 | 164  | 400726   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.110 | 188  | 928675   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.568 | 240  | 962915   | 20.000 | ng/u1  | 0.02     |
| 88) Perylene-d12              | 24.874 | 264  | 1072733  | 20.000 | ng/u1  | 0.04     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 22318    | 7.302  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.652  | 84   | 158772   | 17.943 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 193013   | 17.021 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.028  | 67   | 121904   | 17.739 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.234  | 132  | 164130   | 17.568 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.399  | 113  | 162675   | 17.273 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.834  | 128  | 80441    | 17.713 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.546  | 143  | 88844    | 17.092 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.081 | 165  | 167947   | 17.869 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.593 | 131  | 237306   | 19.058 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.710 | 166  | 550343   | 18.892 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 606010   | 18.527 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.569 | 143  | 74876    | 18.066 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.322 | 176  | 465638   | 19.484 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 95164    | 16.936 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.227 | 188  | 774876   | 18.786 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212  | 966393   | 16.233 | ng/u1  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 24.633 | 264  | 965481   | 18.249 | ng/u1  | 0.03     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.269  | 88   | 24677    | 7.341  | ng/uL  | 98       |
| 5) Pyridine                   | 3.669  | 79   | 162080   | 17.758 | ng/u1  | 96       |
| 6) Benzaldehyde               | 6.857  | 77   | 122108   | 21.360 | ng/u1  | 99       |
| 8) Phenol                     | 6.916  | 94   | 197191   | 17.185 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.116  | 93   | 163111   | 17.208 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.263  | 128  | 165962   | 17.724 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.134  | 108  | 155415   | 17.514 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.193  | 45   | 243828   | 17.805 | ng/u1  | 97       |
| 16) Acetophenone              | 8.499  | 105  | 264264   | 18.180 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.475  | 70   | 134455   | 17.654 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.457  | 108  | 165054   | 17.362 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.740  | 117  | 71173    | 16.914 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.869  | 77   | 197816   | 18.183 | ng/u1  | 97       |
| 23) Isophorone                | 9.393  | 82   | 382061   | 17.666 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.575  | 139  | 93833    | 17.309 | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.634  | 107  | 193942   | 18.142 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.869  | 93   | 231039   | 17.575 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.110 | 162  | 164324   | 17.740 | ng/u1  | 98       |
| 30) Naphthalene               | 10.493 | 128  | 555255   | 18.054 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.616 | 127  | 221649   | 18.642 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.751 | 225  | 119596   | 17.219 | ng/u1  | 98       |
| 34) Caprolactam               | 11.428 | 113  | 55499    | 19.449 | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.757 | 107  | 185886   | 18.462 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.110 | 142  | 377645   | 17.888 | ng/u1  | 99       |

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 ClientSampleId :  
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Quant Time: Jul 17 14:53:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.316 | 142  | 397418   | 18.303 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.475 | 216  | 226642   | 17.415 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.445 | 237  | 94202    | 13.837 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.728 | 196  | 143269   | 17.422 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.822 | 196  | 149401   | 17.171 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.122 | 154  | 521742   | 17.816 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.163 | 162  | 420259   | 17.976 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.392 | 65   | 121117   | 18.733 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.757 | 163  | 555230   | 18.784 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.887 | 165  | 111279   | 18.831 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.034 | 152  | 680292   | 18.369 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.234 | 138  | 102317   | 19.897 | ng/ul  | 100      |
| 52) Acenaphthene              | 14.375 | 153  | 453539   | 18.451 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol         | 14.463 | 184  | 50209    | 16.179 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.581 | 109  | 64635    | 19.171 | ng/ul  | 95       |
| 56) Dibenzofuran              | 14.716 | 168  | 624927   | 18.565 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.710 | 165  | 166971   | 20.583 | ng/ul# | 85       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.951 | 232  | 141601   | 19.006 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.145 | 149  | 573494   | 19.414 | ng/ul  | 100      |
| 61) Fluorene                  | 15.381 | 166  | 531955   | 19.366 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.363 | 204  | 279487   | 18.751 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.428 | 138  | 102719   | 24.120 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.486 | 198  | 103063   | 17.296 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine    | 15.586 | 169  | 457198   | 16.906 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.281 | 248  | 178310   | 16.381 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.392 | 284  | 213831   | 17.133 | ng/ul  | 99       |
| 70) Atrazine                  | 16.575 | 200  | 189302   | 19.207 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.769 | 266  | 112300   | 16.567 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.157 | 178  | 894386   | 18.565 | ng/ul  | 99       |
| 74) Anthracene                | 17.263 | 178  | 917564   | 18.682 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.081 | 216  | 226380   | 15.230 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.634 | 250  | 236800   | 16.033 | ng/uL  | 99       |
| 77) Carbazole                 | 17.545 | 167  | 800595   | 19.941 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.122 | 149  | 1075961  | 19.425 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.263 | 202  | 1113155  | 15.484 | ng/ul  | 100      |
| 82) Pyrene                    | 19.639 | 202  | 1179888  | 16.128 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.580 | 149  | 513670   | 16.852 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 414621   | 18.844 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.551 | 228  | 1208435  | 17.915 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 760675   | 17.341 | ng/ul  | 98       |
| 87) Chrysene                  | 21.616 | 228  | 1142538  | 18.229 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.715 | 149  | 1310590  | 18.494 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.815 | 252  | 1192078  | 18.312 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.880 | 252  | 1179016  | 18.148 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.704 | 252  | 1103521  | 17.938 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.639 | 276  | 1344287  | 16.958 | ng/ul  | 100      |
| 95) Dibenzo(a,h)anthracene    | 28.686 | 278  | 1116180  | 17.004 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.792 | 276  | 1079008  | 16.714 | ng/ul  | 97       |

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

**Instrument :**

BNA P

**ClientSampleId :**

SSTD020692

Quant Time: Jul 17 14:53:02 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jul 15 12:22:22 2024

Response via : Initial Calibration

