

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021722\  
 Data File : BN018632.D  
 Acq On : 17 Feb 2022 17:50  
 Operator : CG/JU  
 Sample : PB142719BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS719

Quant Time: Feb 18 00:33:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN021622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 16 16:48:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 166270   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136  | 629883   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.551 | 164  | 354855   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.286 | 188  | 653509   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.469 | 240  | 574865   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.869 | 264  | 578208   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 26561    | 6.021  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.699  | 84   | 358031   | 30.021 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.069  | 99   | 444549   | 32.418 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.240  | 67   | 270456   | 31.777 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.446  | 132  | 355498   | 32.915 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.622  | 113  | 334302   | 31.923 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.075  | 128  | 164236   | 33.932 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.799  | 143  | 180531   | 34.827 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.340 | 165  | 330671   | 33.421 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.852 | 131  | 399453   | 30.217 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.957 | 166  | 856433   | 33.339 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.245 | 160  | 1131695  | 34.004 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.728 | 143  | 145429   | 32.579 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.540 | 176  | 731337   | 32.976 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200  | 132349   | 34.325 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.386 | 188  | 1040725  | 33.282 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.675 | 212  | 1138497  | 33.836 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.710 | 264  | 1042489  | 35.353 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.323  | 88   | 57379    | 12.310 | ng/uL  | 91       |
| 5) Pyridine                   | 3.723  | 79   | 374517   | 30.399 | ng/u1  | 96       |
| 6) Benzaldehyde               | 7.046  | 77   | 233983   | 30.853 | ng/u1  | 94       |
| 8) Phenol                     | 7.093  | 94   | 458091   | 32.109 | ng/u1  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.328  | 93   | 365562   | 31.681 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.475  | 128  | 364171   | 31.831 | ng/u1  | 94       |
| 13) 2-Methylphenol            | 8.352  | 108  | 333808   | 32.048 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 479230   | 31.313 | ng/u1  | 100      |
| 16) Acetophenone              | 8.734  | 105  | 530296   | 32.183 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.728  | 70   | 261827   | 32.278 | ng/u1# | 93       |
| 18) 4-Methylphenol            | 8.681  | 108  | 359535   | 32.056 | ng/u1  | 98       |
| 19) Hexachloroethane          | 9.005  | 117  | 154605   | 31.720 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.116  | 77   | 399791   | 32.282 | ng/u1  | 94       |
| 23) Isophorone                | 9.646  | 82   | 708723   | 32.756 | ng/u1# | 94       |
| 25) 2-Nitrophenol             | 9.834  | 139  | 193052   | 33.405 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.893  | 107  | 385626   | 31.458 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.128 | 93   | 453479   | 32.033 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 328270   | 32.550 | ng/u1  | 99       |
| 30) Naphthalene               | 10.775 | 128  | 1091122  | 31.702 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.875 | 127  | 378714   | 27.677 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.069 | 225  | 230739   | 31.711 | ng/u1  | 98       |
| 34) Caprolactam               | 11.622 | 113  | 81389    | 30.653 | ng/u1  | 92       |
| 35) 4-Chloro-3-methylphenol   | 11.999 | 107  | 332014   | 32.576 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.381 | 142  | 719574   | 31.447 | ng/u1  | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021722\  
 Data File : BN018632.D  
 Acq On : 17 Feb 2022 17:50  
 Operator : CG/JU  
 Sample : PB142719BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS719

Quant Time: Feb 18 00:33:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN021622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 16 16:48:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.604 | 142  | 731910   | 31.591 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 389415   | 32.689 | ng/ul# | 96       |
| 40) Hexachlorocyclopentadiene | 12.740 | 237  | 250609   | 30.552 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.987 | 196  | 236709   | 33.912 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.051 | 196  | 263451   | 34.557 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.387 | 154  | 946395   | 32.613 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.428 | 162  | 728869   | 32.660 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.622 | 65   | 195403   | 34.491 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 14.004 | 163  | 843061   | 32.113 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.116 | 165  | 166972   | 34.086 | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.275 | 152  | 1136135  | 32.597 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.440 | 138  | 158236   | 34.715 | ng/ul  | 89       |
| 52) Acenaphthene              | 14.616 | 153  | 728806   | 32.277 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.645 | 184  | 85586    | 29.841 | ng/ul# | 91       |
| 55) 4-Nitrophenol             | 14.740 | 109  | 127662   | 31.536 | ng/ul  | 87       |
| 56) Dibenzofuran              | 14.945 | 168  | 1041677  | 32.385 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 239668   | 33.865 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.169 | 232  | 192848   | 32.674 | ng/ul# | 86       |
| 59) Diethylphthalate          | 15.363 | 149  | 825935   | 32.478 | ng/ul  | 98       |
| 61) Fluorene                  | 15.592 | 166  | 797628   | 32.150 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.587 | 204  | 409883   | 32.251 | ng/ul  | 92       |
| 63) 4-Nitroaniline            | 15.598 | 138  | 157633   | 41.093 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 132681   | 33.363 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.798 | 169  | 687268   | 33.947 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.481 | 248  | 245790   | 34.030 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.598 | 284  | 270042   | 33.167 | ng/ul# | 91       |
| 70) Atrazine                  | 16.745 | 200  | 215470   | 29.946 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.939 | 266  | 148908   | 32.501 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.328 | 178  | 1229442  | 33.315 | ng/ul  | 99       |
| 74) Anthracene                | 17.422 | 178  | 1233336  | 33.283 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 395226   | 32.273 | ng/ul  | 95       |
| 76) Pentachlorobenzene        | 14.869 | 250  | 351117   | 34.077 | ng/ul  | 96       |
| 77) Carbazole                 | 17.686 | 167  | 1064578  | 33.741 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.257 | 149  | 1255753  | 34.338 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 1362491  | 33.910 | ng/ul  | 98       |
| 82) Pyrene                    | 19.704 | 202  | 1352621  | 32.742 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.598 | 149  | 525466   | 36.626 | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.380 | 252  | 381769   | 35.427 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.451 | 228  | 1281791  | 33.549 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149  | 779294   | 36.166 | ng/ul# | 96       |
| 87) Chrysene                  | 21.504 | 228  | 1243802  | 32.896 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.304 | 149  | 1303232  | 32.966 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 1332828  | 34.195 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.180 | 252  | 1211012  | 32.820 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.763 | 252  | 1293218  | 34.463 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.362 | 276  | 1490129  | 35.489 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.380 | 278  | 1274823  | 35.140 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.133 | 276  | 1252822  | 34.955 | ng/ul  | 100      |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021722\  
Data File : BN018632.D  
Acq On : 17 Feb 2022 17:50  
Operator : CG/JU  
Sample : PB142719BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS719

Quant Time: Feb 18 00:33:18 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN021622.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 16 16:48:14 2022  
Response via : Initial Calibration

