

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110221\  
 Data File : BG050808.D  
 Acq On : 1 Nov 2021 22:53  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV411

Quant Time: Nov 02 03:06:58 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 02 02:58:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.234  | 152  | 45435    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.061 | 136  | 216261   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.856 | 164  | 148498   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.600 | 188  | 335890   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.901 | 240  | 264935   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.303 | 264  | 223842   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.593  | 96   | 8371     | 6.430  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.016  | 84   | 57606    | 14.846 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.371  | 99   | 66553    | 14.435 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.547  | 67   | 43230    | 14.604 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.759  | 132  | 47788    | 14.936 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.934  | 113  | 52341    | 14.525 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.404  | 128  | 25482    | 14.394 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.132 | 143  | 28204    | 14.197 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.673 | 165  | 48702    | 14.449 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.190 | 131  | 69448    | 14.078 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.251 | 166  | 154852   | 14.006 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.551 | 160  | 193614   | 14.127 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.044 | 143  | 26659    | 13.412 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.843 | 176  | 134926   | 13.867 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.961 | 200  | 26300    | 13.258 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.700 | 188  | 212773   | 13.912 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.974 | 212  | 247436   | 14.978 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.068 | 264  | 194544   | 16.534 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.622  | 88   | 9440     | 5.901  | ng/uL  | 98       |
| 5) Pyridine                   | 4.039  | 79   | 60696    | 14.743 | ng/u1  | 92       |
| 6) Benzaldehyde               | 7.365  | 77   | 52134    | 17.300 | ng/u1  | 99       |
| 8) Phenol                     | 7.400  | 94   | 68510    | 14.566 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.641  | 93   | 51850    | 14.573 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.794  | 128  | 48668    | 14.832 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.669  | 108  | 50700    | 14.515 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.752  | 45   | 83151    | 14.990 | ng/u1  | 98       |
| 16) Acetophenone              | 9.057  | 105  | 84712    | 15.218 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 9.034  | 70   | 50433    | 14.741 | ng/u1# | 97       |
| 18) 4-Methylphenol            | 8.998  | 108  | 56158    | 15.103 | ng/u1  | 90       |
| 19) Hexachloroethane          | 9.321  | 117  | 20618    | 15.002 | ng/u1  | 90       |
| 22) Nitrobenzene              | 9.445  | 77   | 70645    | 14.354 | ng/u1  | 96       |
| 23) Isophorone                | 9.968  | 82   | 136437   | 14.232 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 10.162 | 139  | 30019    | 14.931 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 10.209 | 107  | 63159    | 14.253 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.444 | 93   | 73999    | 14.257 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.702 | 162  | 46925    | 14.281 | ng/u1  | 98       |
| 30) Naphthalene               | 11.108 | 128  | 163732   | 14.314 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.213 | 127  | 70791    | 14.383 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.378 | 225  | 31249    | 14.154 | ng/u1  | 96       |
| 34) Caprolactam               | 11.971 | 113  | 18552    | 13.910 | ng/u1  | 95       |
| 35) 4-Chloro-3-methylphenol   | 12.318 | 107  | 59449    | 14.589 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.700 | 142  | 110674   | 14.386 | ng/u1  | 95       |

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| 37) 1-Methylnaphthalene       | 12.917 | 142  | 112963   | 14.244 | ng/ul  | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 13.058 | 216  | 60459    | 14.303 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 13.029 | 237  | 23533    | 11.736 | ng/ul  | 91       |
| 41) 2,4,6-Trichlorophenol     | 13.293 | 196  | 39916    | 14.106 | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol     | 13.370 | 196  | 40972    | 13.735 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.693 | 154  | 148671   | 14.141 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.740 | 162  | 115094   | 14.019 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.940 | 65   | 45928    | 14.244 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 14.298 | 163  | 156551   | 14.186 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.427 | 165  | 32367    | 13.939 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.580 | 152  | 194761   | 14.211 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.756 | 138  | 34985    | 14.734 | ng/ul# | 99       |
| 52) Acenaphthene              | 14.921 | 153  | 127403   | 14.191 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.968 | 184  | 15301    | 12.102 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 15.056 | 109  | 24469    | 13.175 | ng/ul  | 99       |
| 56) Dibenzofuran              | 15.256 | 168  | 181061   | 14.019 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.215 | 165  | 46904    | 14.121 | ng/ul# | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.473 | 232  | 32563    | 13.547 | ng/ul  | 94       |
| 59) Diethylphthalate          | 15.649 | 149  | 165207   | 13.826 | ng/ul  | 99       |
| 61) Fluorene                  | 15.902 | 166  | 143215   | 13.927 | ng/ul  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.884 | 204  | 75912    | 14.019 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.920 | 138  | 35201    | 14.814 | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.972 | 198  | 25492    | 13.196 | ng/ul  | 100      |
| 67) N-Nitrosodiphenylamine    | 16.096 | 169  | 127186   | 14.053 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.777 | 248  | 46264    | 14.281 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.901 | 284  | 46505    | 13.855 | ng/ul  | 96       |
| 70) Atrazine                  | 17.036 | 200  | 54115    | 13.961 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.247 | 266  | 16873    | 11.021 | ng/ul  | 94       |
| 72) Phenanthrene              | 17.647 | 178  | 239536   | 13.892 | ng/ul  | 98       |
| 74) Anthracene                | 17.735 | 178  | 242754   | 14.090 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.663 | 216  | 62722    | 14.318 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 15.168 | 250  | 58027    | 14.110 | ng/ul  | 99       |
| 77) Carbazole                 | 18.005 | 167  | 225712   | 14.405 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.534 | 149  | 289445   | 14.034 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.645 | 202  | 294879   | 14.959 | ng/ul  | 99       |
| 82) Pyrene                    | 20.003 | 202  | 289154   | 15.045 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.867 | 149  | 122316   | 15.067 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.783 | 252  | 96303    | 15.293 | ng/ul# | 99       |
| 85) Benzo(a)anthracene        | 21.877 | 228  | 259832   | 14.887 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.748 | 149  | 170231   | 14.434 | ng/ul  | 99       |
| 87) Chrysene                  | 21.948 | 228  | 246875   | 14.735 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 23.017 | 149  | 292526   | 17.252 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.210 | 252  | 247390   | 16.501 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.286 | 252  | 238223   | 16.699 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.138 | 252  | 240088   | 16.494 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.204 | 276  | 267271   | 16.482 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 29.280 | 278  | 223879   | 16.300 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 30.438 | 276  | 222365   | 16.475 | ng/ul  | 95       |

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

