

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072822\  
 Data File : VW027072.D  
 Acq On : 29 Jul 2022 06:37  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD050317

Quant Time: Jul 29 06:55:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 29 02:10:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 546980   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 552062   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 304559   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 271108   | 52.098   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 104.200% |
| 7) Chloroethane-d5            | 1.564   | 69    | 214080   | 51.923   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 103.840% |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 460907   | 52.026   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 104.060% |
| 21) 2-Butanone-d5             | 3.883   | 46    | 354407   | 119.440  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 119.440% |
| 24) Chloroform-d              | 4.342   | 84    | 511229   | 54.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.100% |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 290877   | 54.672   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.340% |
| 32) Benzene-d6                | 5.043   | 84    | 1036798  | 53.481   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.960% |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 318629   | 53.699   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 107.400% |
| 41) Toluene-d8                | 7.313   | 98    | 949480   | 54.185   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.380% |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 120795   | 46.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.180%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 266639   | 104.532  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 104.530% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 466164   | 52.106   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 104.220% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 345954   | 50.531   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.060% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127   | 85    | 302806   | 53.342   | ug/L   | 99       |
| 3) Chloromethane              | 1.240   | 50    | 296460   | 57.113   | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307   | 62    | 308195   | 55.974   | ug/L   | 99       |
| 6) Bromomethane               | 1.519   | 94    | 182796   | 54.059   | ug/L   | 99       |
| 8) Chloroethane               | 1.580   | 64    | 180445   | 55.817   | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.748   | 101   | 393009   | 55.637   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111   | 101   | 213629   | 52.389   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.114   | 96    | 219578   | 55.112   | ug/L   | 96       |
| 13) Acetone                   | 2.175   | 43    | 231635   | 105.397  | ug/L   | 75       |
| 14) Carbon disulfide          | 2.288   | 76    | 662840   | 52.439   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.429   | 43    | 257707   | 70.560   | ug/L   | 92       |
| 16) Methylene chloride        | 2.503   | 84    | 273620   | 53.877   | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 2.754   | 96    | 238314   | 54.634   | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 2.767   | 73    | 686009   | 57.257   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.185   | 63    | 426654   | 56.012   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96    | 256528   | 56.870   | ug/L   | 99       |
| 22) 2-Butanone                | 3.966   | 43    | 344317   | 142.011  | ug/L   | 88       |
| 23) Bromochloromethane        | 4.243   | 128   | 143728   | 59.150   | ug/L   | 97       |
| 25) Chloroform                | 4.368   | 83    | 455881   | 56.767   | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072822\  
 Data File : VW027072.D  
 Acq On : 29 Jul 2022 06:37  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD050317

Quant Time: Jul 29 06:55:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 29 02:10:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 326413   | 59.067  | ug/L  | 100      |
| 29) Cyclohexane               | 4.674  | 56   | 326139   | 54.984  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.603  | 97   | 394482   | 55.673  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.821  | 117  | 339164   | 54.984  | ug/L  | 100      |
| 33) Benzene                   | 5.095  | 78   | 1024198  | 57.568  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 246059   | 53.736  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.130  | 83   | 355418   | 52.028  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 258494   | 58.054  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.506  | 83   | 329327   | 55.684  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 325503   | 50.958  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 643433   | 114.248 | ug/L  | 99       |
| 42) Toluene                   | 7.384  | 91   | 1075408  | 58.627  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 311579   | 50.172  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 266909   | 55.989  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.972  | 164  | 190503   | 53.190  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.136  | 43   | 509779   | 114.861 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.243  | 129  | 272386   | 55.559  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 276167   | 55.245  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.879  | 112  | 682164   | 55.143  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 1071718  | 57.701  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.136  | 106  | 433320   | 59.313  | ug/L  | 100      |
| 54) o-Xylene                  | 9.542  | 106  | 417101   | 59.285  | ug/L  | 99       |
| 55) Styrene                   | 9.558  | 104  | 761642   | 61.856  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 430320   | 55.988  | ug/L  | 99       |
| 59) Bromoform                 | 9.728  | 173  | 180079   | 52.052  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 1067053  | 56.144  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 335092   | 52.462  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 438380   | 53.890  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 354987   | 54.684  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 503809   | 54.605  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 519022   | 53.384  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 527763   | 54.774  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 84775    | 50.622  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 334628   | 53.474  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 278679   | 52.030  | ug/L  | 100      |
| 71) Naphthalene               | 13.500 | 128  | 926456   | 49.711  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 313666   | 53.992  | ug/L  | 99       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072822\  
Data File : VV072072.D  
Acq On : 29 Jul 2022 06:37  
Operator : SY/MD  
Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD050317

Quant Time: Jul 29 06:55:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 29 02:10:37 2022  
Response via : Initial Calibration

