

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061322\  
 Data File : VX029405.D  
 Acq On : 13 Jun 2022 11:26  
 Operator : JC/MD  
 Sample : VSTD10069  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD10069

Quant Time: Jun 13 12:10:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 13 12:07:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114  | 385904   | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 360360   | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 194226   | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 1.367  | 65   | 294995   | 87.547  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.666  | 69   | 161364   | 75.597  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63   | 532254   | 83.086  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.464  | 46   | 465616   | 196.858 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.062  | 84   | 570786   | 90.034  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65   | 356950   | 86.928  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.976  | 84   | 1112728  | 87.732  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.311  | 67   | 330705   | 87.718  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.653  | 98   | 1044240  | 89.919  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.951  | 79   | 171154   | 98.346  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.390  | 63   | 380032   | 224.068 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84   | 494029   | 105.781 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 401652   | 91.572  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 354583   | 84.369  | ug/L   | 100      |
| 3) Chloromethane              | 1.288  | 50   | 331550   | 97.344  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.373  | 62   | 326447   | 95.561  | ug/L   | 98       |
| 6) Bromomethane               | 1.611  | 94   | 150195   | 101.096 | ug/L   | 99       |
| 8) Chloroethane               | 1.684  | 64   | 147689   | 79.055  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.886  | 101  | 461406   | 95.933  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331  | 101  | 269395   | 89.346  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.318  | 96   | 257620   | 92.791  | ug/L   | 82       |
| 13) Acetone                   | 2.392  | 43   | 268101   | 137.121 | ug/L   | 96       |
| 14) Carbon disulfide          | 2.513  | 76   | 711118   | 87.492  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.709  | 43   | 295145   | 92.957  | ug/L   | 93       |
| 16) Methylene chloride        | 2.788  | 84   | 281962   | 92.516  | ug/L   | 91       |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 271432   | 92.262  | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 3.117  | 73   | 916842   | 99.441  | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.611  | 63   | 482003   | 91.562  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.489  | 96   | 309589   | 95.310  | ug/L   | 99       |
| 22) 2-Butanone                | 4.562  | 43   | 444214   | 171.157 | ug/L   | 95       |
| 23) Bromochloromethane        | 4.903  | 128  | 152698   | 92.415  | ug/L   | 96       |
| 25) Chloroform                | 5.098  | 83   | 532804   | 94.139  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 405338   | 92.430  | ug/L   | 99       |
| 29) Cyclohexane               | 5.476  | 56   | 458432   | 90.536  | ug/L   | 94       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 481346   | 97.940  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 5.678  | 117  | 393866   | 91.933  | ug/L   | 99       |
| 33) Benzene                   | 6.043  | 78   | 1144343  | 94.801  | ug/L   | 100      |
| 34) Trichloroethene           | 7.128  | 95   | 328585   | 93.972  | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.385  | 83   | 512007   | 98.072  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 7.433  | 63   | 282656   | 92.964  | ug/L   | 100      |
| 38) Bromodichloromethane      | 7.823  | 83   | 400434   | 97.654  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 462533   | 101.024 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 8.579  | 43   | 849835   | 196.628 | ug/L # | 93       |
| 42) Toluene                   | 8.720  | 91   | 1260301  | 96.758  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 442976   | 102.914 | ug/L   | 99       |

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Quant Time: Jun 13 12:10:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 13 12:07:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 294724   | 98.470  | ug/L   | 98       |
| 46) Tetrachloroethene         | 9.274  | 164  | 230844   | 91.328  | ug/L   | 97       |
| 48) 2-Hexanone                | 9.433  | 43   | 666279   | 192.054 | ug/L # | 93       |
| 49) Dibromochloromethane      | 9.524  | 129  | 317993   | 97.700  | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 320923   | 101.551 | ug/L   | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 806126   | 97.168  | ug/L   | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 1400923  | 99.482  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 553203   | 99.848  | ug/L   | 96       |
| 54) o-Xylene                  | 10.646 | 106  | 541528   | 101.475 | ug/L   | 95       |
| 55) Styrene                   | 10.658 | 104  | 926603   | 102.501 | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 471341   | 113.738 | ug/L   | 100      |
| 59) Bromoform                 | 10.805 | 173  | 212968   | 92.506  | ug/L   | 100      |
| 60) Isopropylbenzene          | 10.963 | 105  | 1405104  | 95.007  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 380208   | 97.358  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1234428  | 115.260 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 1231224  | 99.375  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 612677   | 94.702  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 613867   | 94.308  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 602191   | 95.395  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 109310   | 111.589 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 417969   | 93.720  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 388848   | 98.844  | ug/L   | 98       |
| 71) Naphthalene               | 13.780 | 128  | 1410762  | 104.947 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 381325   | 96.562  | ug/L   | 98       |

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

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