

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082624\  
 Data File : VV037014.D  
 Acq On : 26 Aug 2024 09:55  
 Operator : SY/MD  
 Sample : VSTD05067  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD050267

Quant Time: Aug 27 01:03:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:02:05 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 682877   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117  | 659610   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152  | 334442   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 309705   | 49.579  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.532  | 69   | 241155   | 49.951  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65   | 128188   | 48.824  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.793  | 46   | 228931   | 99.728  | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.243  | 84   | 493935   | 50.522  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65   | 306042   | 49.708  | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.953  | 84   | 998263   | 50.107  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67   | 309542   | 49.605  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.236  | 98   | 908158   | 50.508  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.548  | 79   | 143556   | 49.726  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.024  | 63   | 166402   | 101.147 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84   | 376755   | 49.782  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152  | 328827   | 49.092  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108  | 85   | 312132   | 54.090  | ug/L  | 100      |
| 3) Chloromethane              | 1.217  | 50   | 351362   | 54.141  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.281  | 62   | 327910   | 53.823  | ug/L  | 100      |
| 6) Bromomethane               | 1.487  | 94   | 178833   | 52.386  | ug/L  | 100      |
| 8) Chloroethane               | 1.548  | 64   | 199340   | 53.493  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.712  | 101  | 426572   | 53.654  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.066  | 101  | 257183   | 54.386  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.069  | 96   | 237868   | 53.392  | ug/L  | 100      |
| 13) Acetone                   | 2.111  | 43   | 270837   | 106.984 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.240  | 76   | 713529   | 52.757  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.371  | 43   | 233705   | 53.732  | ug/L  | 100      |
| 16) Methylene chloride        | 2.442  | 84   | 266054   | 52.929  | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 2.690  | 96   | 246390   | 53.274  | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 2.706  | 73   | 781245   | 53.698  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.105  | 63   | 494904   | 53.882  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 3.809  | 96   | 273196   | 53.456  | ug/L  | 100      |
| 22) 2-Butanone                | 3.873  | 43   | 301623   | 109.645 | ug/L  | 100      |
| 23) Bromochloromethane        | 4.140  | 128  | 136520   | 54.418  | ug/L  | 100      |
| 25) Chloroform                | 4.272  | 83   | 498633   | 53.605  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 362341   | 53.391  | ug/L  | 100      |
| 29) Cyclohexane               | 4.574  | 56   | 427414   | 55.111  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.503  | 97   | 415852   | 54.792  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.725  | 117  | 351360   | 54.863  | ug/L  | 100      |
| 33) Benzene                   | 5.005  | 78   | 1040180  | 54.643  | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 268393   | 53.418  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.043  | 83   | 440974   | 54.493  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 276461   | 54.113  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.429  | 83   | 356491   | 54.502  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 426833   | 53.707  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.156  | 43   | 552128   | 109.527 | ug/L  | 100      |
| 42) Toluene                   | 7.310  | 91   | 1093325  | 55.163  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 387010   | 54.480  | ug/L  | 100      |

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 MSVOA\_V  
 ClientSampleId :  
 VSTD050267

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:02:05 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 255137   | 53.706  | ug/L  | 100      |
| 46) Tetrachloroethene         | 7.899  | 164  | 197518   | 54.790  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.072  | 43   | 398991   | 102.463 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.172  | 129  | 259726   | 54.600  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 259666   | 54.016  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.808  | 112  | 703586   | 53.621  | ug/L  | 100      |
| 52) Ethylbenzene              | 8.940  | 91   | 1218425  | 54.425  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.066  | 106  | 454260   | 54.765  | ug/L  | 100      |
| 54) o-Xylene                  | 9.474  | 106  | 444323   | 54.710  | ug/L  | 100      |
| 55) Styrene                   | 9.490  | 104  | 775479   | 55.379  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 378369   | 53.777  | ug/L  | 100      |
| 59) Bromoform                 | 9.661  | 173  | 169074   | 54.232  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.863  | 105  | 1198683  | 55.286  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 281315   | 54.072  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 985963   | 55.582  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 983650   | 55.565  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 537358   | 53.673  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 548062   | 53.485  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.574 | 146  | 530675   | 53.907  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 69190    | 53.327  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.577 | 180  | 370177   | 53.138  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 347092   | 52.912  | ug/L  | 100      |
| 71) Naphthalene               | 13.432 | 128  | 993067   | 52.427  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 346660   | 53.626  | ug/L  | 100      |

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

