

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080422\  
 Data File : VX030389.D  
 Acq On : 04 Aug 2022 13:25  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VICV606

Quant Time: Aug 05 05:21:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 05:17:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 314398   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 281096   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 136749   | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 102086   | 50.562   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 101.120% |
| 7) Chloroethane-d5            | 1.667   | 69    | 77764    | 54.636   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 109.280% |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 191095   | 50.036   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 100.080% |
| 21) 2-Butanone-d5             | 4.465   | 46    | 199977   | 106.899  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 106.900% |
| 24) Chloroform-d              | 5.068   | 84    | 214556   | 51.623   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 103.240% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 143324   | 50.787   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 101.580% |
| 32) Benzene-d6                | 5.977   | 84    | 409145   | 50.814   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 101.620% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 132422   | 50.690   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 101.380% |
| 41) Toluene-d8                | 8.653   | 98    | 381151   | 50.219   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 100.440% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 64997    | 50.012   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 100.020% |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 140992   | 105.883  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 105.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 176197   | 51.342   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 102.680% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 130326   | 49.135   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 98.280%  |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.167   | 85    | 120130   | 50.778   | ug/L  | 100      |
| 3) Chloromethane              | 1.295   | 50    | 104546   | 51.393   | ug/L  | 97       |
| 5) Vinyl chloride             | 1.374   | 62    | 109687   | 50.480   | ug/L  | 100      |
| 6) Bromomethane               | 1.612   | 94    | 56614    | 55.444   | ug/L  | 97       |
| 8) Chloroethane               | 1.685   | 64    | 65666    | 53.055   | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.886   | 101   | 165598   | 51.567   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 95928    | 50.223   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 87672    | 49.822   | ug/L  | 89       |
| 13) Acetone                   | 2.392   | 43    | 135723   | 98.993   | ug/L  | 99       |
| 14) Carbon disulfide          | 2.514   | 76    | 292228   | 51.237   | ug/L  | 100      |
| 15) Methyl Acetate            | 2.709   | 43    | 147193   | 51.868   | ug/L  | 99       |
| 16) Methylene chloride        | 2.788   | 84    | 113462   | 50.849   | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 104011   | 51.019   | ug/L  | 97       |
| 18) Methyl tert-butyl Ether   | 3.117   | 73    | 355714   | 51.308   | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 203568   | 51.627   | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 118127   | 51.509   | ug/L  | 100      |
| 22) 2-Butanone                | 4.568   | 43    | 222649   | 102.942  | ug/L  | 97       |
| 23) Bromochloromethane        | 4.910   | 128   | 57808    | 50.265   | ug/L  | 97       |
| 25) Chloroform                | 5.099   | 83    | 212287   | 51.241   | ug/L  | 95       |

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 ALS Vial : 8 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :  
 VICV606

Quant Time: Aug 05 05:21:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 05:17:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.093  | 62   | 176935   | 51.313  | ug/L  | 97       |
| 29) Cyclohexane               | 5.477  | 56   | 189014   | 50.580  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 184439   | 49.743  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.684  | 117  | 153357   | 50.113  | ug/L  | 99       |
| 33) Benzene                   | 6.044  | 78   | 450411   | 49.976  | ug/L  | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 124346   | 47.637  | ug/L  | 87       |
| 35) Methylcyclohexane         | 7.385  | 83   | 189820   | 49.953  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 118679   | 49.526  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.824  | 83   | 158031   | 49.829  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 8.367  | 75   | 183805   | 51.419  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 421396   | 100.982 | ug/L  | 99       |
| 42) Toluene                   | 8.720  | 91   | 483364   | 50.769  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 179149   | 51.204  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 113825   | 51.084  | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 82036    | 49.729  | ug/L  | 98       |
| 48) 2-Hexanone                | 9.433  | 43   | 338090   | 104.274 | ug/L  | 99       |
| 49) Dibromochloromethane      | 9.525  | 129  | 117971   | 49.766  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 120794   | 49.296  | ug/L  | 98       |
| 51) Chlorobenzene             | 10.080 | 112  | 297127   | 50.093  | ug/L  | 99       |
| 52) Ethylbenzene              | 10.195 | 91   | 526874   | 50.753  | ug/L  | 100      |
| 53) m,p-Xylene                | 10.305 | 106  | 194628   | 50.300  | ug/L  | 99       |
| 54) o-Xylene                  | 10.647 | 106  | 196356   | 50.927  | ug/L  | 95       |
| 55) Styrene                   | 10.659 | 104  | 332467   | 51.211  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 173902   | 51.293  | ug/L  | 97       |
| 59) Bromoform                 | 10.799 | 173  | 77714    | 52.187  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.964 | 105  | 509892   | 52.604  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 154424   | 52.583  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 444672   | 53.734  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 431632   | 51.648  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.970 | 146  | 212738   | 50.488  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 214606   | 50.101  | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 212405   | 48.745  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 46771    | 48.280  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.116 | 180  | 141474   | 47.876  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 129590   | 49.935  | ug/L  | 98       |
| 71) Naphthalene               | 13.774 | 128  | 529743   | 49.313  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 131958   | 48.137  | ug/L  | 99       |

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

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