

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061523\  
 Data File : VW031523.D  
 Acq On : 15 Jun 2023 12:09  
 Operator : SY/MD  
 Sample : 03254-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXYZ2

Quant Time: Jun 16 02:46:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM061423WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 16 02:44:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 223883   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789   | 117   | 223171   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 131175   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 65553    | 43.995   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 87.980%  |
| 7) Chloroethane-d5            | 1.539   | 69    | 60728    | 46.711   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.420%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 33523    | 43.654   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.300%  |
| 21) 2-Butanone-d5             | 3.799   | 46    | 125345   | 103.891  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.890% |
| 24) Chloroform-d              | 4.259   | 84    | 166633   | 44.654   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.300%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 110673   | 47.402   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 4.966   | 84    | 294864   | 46.940   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.880%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 104263   | 46.829   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 93.660%  |
| 41) Toluene-d8                | 7.249   | 98    | 247572   | 42.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.900%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 50094    | 46.153   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.300%  |
| 47) 2-Hexanone-d5             | 8.031   | 63    | 82400    | 93.735   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 93.730%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 155824   | 46.368   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.740%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 124595   | 49.830   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.660%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.288   | 62    | 112384   | 50.593   | ug/L   | 99       |
| 8) Chloroethane               | 1.555   | 64    | 92331    | 64.355   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 1.719   | 101   | 3190     | 0.863    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.076   | 96    | 39394    | 23.780   | ug/L # | 75       |
| 17) trans-1,2-Dichloroethene  | 2.703   | 96    | 19483    | 11.267   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.118   | 63    | 2042503  | 547.285  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.822   | 96    | 3649402  | 1952.893 | ug/L   | 98       |
| 25) Chloroform                | 4.282   | 83    | 8856     | 2.283    | ug/L   | 82       |
| 27) 1,2-Dichloroethane        | 5.053   | 62    | 12958    | 4.328    | ug/L # | 92       |
| 30) 1,1,1-Trichloroethane     | 4.523   | 97    | 2724301  | 761.383  | ug/L   | 99       |
| 33) Benzene                   | 5.021   | 78    | 12545    | 1.688    | ug/L   | 100      |
| 34) Trichloroethene           | 5.844   | 95    | 29380    | 14.797   | ug/L   | 94       |
| 42) Toluene                   | 7.323   | 91    | 100827   | 13.088   | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 7.786   | 97    | 2097     | 1.017    | ug/L # | 81       |
| 46) Tetrachloroethene         | 7.912   | 164   | 24667    | 15.829   | ug/L   | 98       |
| 52) Ethylbenzene              | 8.953   | 91    | 38291    | 4.454    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.079   | 106   | 49196    | 15.627   | ug/L   | 94       |
| 54) o-Xylene                  | 9.484   | 106   | 52704    | 17.642   | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.484  | 105   | 85434    | 12.361   | ug/L   | 99       |

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Quant Title : VOC Analysis  
QLast Update : Fri Jun 16 02:44:48 2023  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|------|----------|--------|--------|----------|
| 63) 1,2,4-Trimethylbenzene | 10.857 | 105  | 213868   | 33.209 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene    | 11.583 | 146  | 4811     | 1.137  | ug/L # | 84       |

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

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