

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121123\  
 Data File : VW033237.D  
 Acq On : 12 Dec 2023 01:01  
 Operator : SY/MD  
 Sample : 05751-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHA5

Quant Time: Dec 12 03:28:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 277619   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 281686   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 145887   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 54019    | 32.549   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 65.100%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 45073    | 38.978   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 77.960%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 22726    | 35.996   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 72.000%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 79600    | 96.568   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 96.570%  |
| 24) Chloroform-d              | 4.249   | 84    | 151838   | 43.111   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 86.220%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 101331   | 46.276   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 92.560%  |
| 32) Benzene-d6                | 4.960   | 84    | 280320   | 42.550   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 85.100%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 77577    | 43.795   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 87.600%  |
| 41) Toluene-d8                | 7.243   | 98    | 254716   | 40.530   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 81.060%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 43405    | 38.751   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 77.500%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 60616    | 85.181   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 85.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 112175   | 44.548   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 89.100%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 126283   | 48.651   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 97.300%  |
| Target Compounds              |         |       |          |          |       |          |
| 13) Acetone                   | 2.108   | 43    | 25565    | 32.487   | ug/L  | 97       |
| 22) 2-Butanone                | 3.870   | 43    | 32654    | 32.607   | ug/L  | 90       |

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

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