

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\  
 Data File : VU031579.D  
 Acq On : 29 Apr 2019 12:26  
 Operator : JC/SP  
 Sample : K2536-17 20X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0X05

Quant Time: Apr 30 02:44:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 30 01:54:25 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 608060   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 592362   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 217863   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 308020   | 60.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 121.06%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 255220   | 64.90    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 129.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 465026   | 45.89    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.78%   |
| 21) 2-Butanone-d5              | 4.19    | 46    | 630458   | 136.73   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 136.73%# |
| 24) Chloroform-d               | 4.64    | 84    | 558083   | 59.88    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 119.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 386352   | 63.45    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 126.90%# |
| 32) Benzene-d6                 | 5.34    | 84    | 1094964  | 60.20    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 120.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 391350   | 61.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 122.30%# |
| 41) Toluene-d8                 | 7.56    | 98    | 929147   | 58.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 117.30%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 161846   | 58.91    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 117.82%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 361981   | 130.68   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 130.68%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 504884   | 58.79    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 117.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 301020   | 65.70    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 131.40%# |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc    | Units | Ovalue |
|----------------------------|------|------|----------|---------|-------|--------|
| 9) Trichlorofluoromethane  | 1.88 | 101  | 17091    | 1.982   | ug/L  | 100    |
| 13) Acetone                | 2.34 | 43   | 6775     | 1.304   | ug/L  | 80     |
| 20) cis-1,2-Dichloroethene | 4.22 | 96   | 12177    | 2.296   | ug/L  | 95     |
| 34) Trichloroethene        | 6.18 | 95   | 703859   | 133.326 | ug/L  | 96     |
| 46) Tetrachloroethene      | 8.22 | 164  | 20048    | 5.570   | ug/L  | 92     |

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

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