

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\  
 Data File : VW010829.D  
 Acq On : 17 Jun 2019 15:58  
 Operator : SY/VA  
 Sample : K3363-09  
 Misc : 5.09G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0JX2

Quant Time: Jun 18 07:50:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM061119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 18 05:48:46 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 270724   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 189711   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 44209    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 72603    | 18.41    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.64%   |
| 7) Chloroethane-d5             | 2.88   | 69    | 66226    | 22.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.60%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 125216   | 15.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.28%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 49447    | 31.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 63.92%   |
| 24) Chloroform-d               | 7.65   | 84    | 112031   | 20.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 80.52%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 102770   | 22.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.72%   |
| 29) Benzene-d6                 | 8.27   | 84    | 324749   | 28.67    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 114.68%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 116218   | 31.98    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 127.92%# |
| 37) Toluene-d8                 | 10.32  | 98    | 248096   | 24.38    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.52%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 34389    | 21.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.52%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 34181    | 39.37    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.74%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 80455    | 26.14    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 104.56%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 40076    | 23.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.24%   |

## Target Compounds

|                        |       |     |       |        | Ovalue  |
|------------------------|-------|-----|-------|--------|---------|
| 13) Acetone            | 4.14  | 43  | 3244  | 1.952  | ug/L 62 |
| 16) Methylene chloride | 4.92  | 84  | 10486 | 2.823  | ug/L 98 |
| 35) Trichloroethene    | 9.09  | 95  | 97372 | 32.563 | ug/L 98 |
| 47) Tetrachloroethene  | 10.87 | 164 | 8439  | 3.766  | ug/L 98 |

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

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