

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005733.D  
 Acq On : 01 Oct 2018 14:18  
 Operator : SY/AP  
 Sample : J5180-02  
 Misc : 3.16G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC11

Quant Time: Oct 02 06:31:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 02 05:44:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 140521   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 138138   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 64721    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 29077    | 16.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 64.92%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 25566    | 18.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 50257    | 12.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.40%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 30210    | 52.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 105.06% |
| 24) Chloroform-d               | 7.65   | 84    | 81186    | 22.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 54128    | 24.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.04%  |
| 29) Benzene-d6                 | 8.28   | 84    | 140537   | 20.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 82.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 45950    | 23.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.00%  |
| 37) Toluene-d8                 | 10.33  | 98    | 126592   | 18.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 75.00%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 21916    | 21.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.44%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 21140    | 45.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.34%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 45929    | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.68%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 54556    | 23.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.28%  |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 2760 | 4.609 ug/L | 78     |
| 16) Methylene chloride | 4.91 | 84 | 7183 | 3.100 ug/L | 97     |

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

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