

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005734.D  
 Acq On : 01 Oct 2018 14:44  
 Operator : SY/AP  
 Sample : J5180-03  
 Misc : 4.26G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC12

Quant Time: Oct 02 06:34:05 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  | 227892   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 219647   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 99380    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 43015    | 14.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 59.24%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 38366    | 16.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 67.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 79437    | 12.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.08%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 49880    | 53.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 106.96% |
| 24) Chloroform-d               | 7.65   | 84    | 130087   | 22.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 84832    | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.68%  |
| 29) Benzene-d6                 | 8.28   | 84    | 225684   | 20.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 83.04%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 71186    | 22.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.60%  |
| 37) Toluene-d8                 | 10.33  | 98    | 205521   | 19.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 34199    | 20.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 36942    | 50.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.40% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 75837    | 24.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 99.36%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 82047    | 23.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.32%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 2864  | 2.949 ug/L | 96     |
| 16) Methylene chloride | 4.91 | 84 | 11336 | 3.017 ug/L | 98     |

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

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