

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\  
 Data File : VW016760.D  
 Acq On : 02 Oct 2020 13:53  
 Operator : SY/VA  
 Sample : L4201-21  
 Misc : 4.50G/10ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AM8

Quant Time: Oct 03 05:39:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 03 04:48:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 659163   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 581139   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 286752   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 103520   | 16.22    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 64.88% |
| 7) Chloroethane-d5             | 2.91   | 69    | 101186   | 19.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.68% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 178694   | 12.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.12% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 66526    | 38.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.48% |
| 24) Chloroform-d               | 7.65   | 84    | 311590   | 22.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.40% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 153535   | 21.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 86.76% |
| 29) Benzene-d6                 | 8.28   | 84    | 596823   | 22.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.60% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 172977   | 24.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.96% |
| 37) Toluene-d8                 | 10.33  | 98    | 555704   | 21.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 64192    | 18.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 72.12% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 53773    | 41.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.72% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 134630   | 22.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 220647   | 24.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.32% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1937 | 1.422 ug/L | 83     |
| 16) Methylene chloride | 4.93 | 84 | 9980 | 0.982 ug/L | 95     |

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

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