

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\  
 Data File : VW017489.D  
 Acq On : 24 Nov 2020 21:49  
 Operator : SY/VA  
 Sample : L4861-09  
 Misc : 5.83G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BD2

Quant Time: Nov 25 03:42:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 25 01:45:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 447461   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 412064   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 200112   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 97869    | 16.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.52%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 92224    | 18.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 189613   | 14.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 57.88%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 68190    | 54.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 109.86% |
| 24) Chloroform-d               | 7.65   | 84    | 283447   | 22.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 165117   | 26.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.88% |
| 29) Benzene-d6                 | 8.28   | 84    | 520890   | 20.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 82.24%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 160369   | 22.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.48%  |
| 37) Toluene-d8                 | 10.32  | 98    | 482188   | 20.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 70953    | 22.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 90.60%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 45145    | 52.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.04% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 122225   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 176653   | 23.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.36%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 3660  | 3.064 ug/L | 73     |
| 16) Methylene chloride | 4.92 | 84 | 30712 | 4.571 ug/L | 89     |

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

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