

Data File : VW015033.D  
Acq On : 25 Feb 2020 15:03  
Operator : SY/VA  
Sample : L1677-02  
Misc : 5.45G/10ML/MSVOA\_W/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Feb 26 04:03:46 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022420S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 26 03:52:23 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 707627   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 638312   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 211848   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 418813   | 23.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.64%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 301305   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.48%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 519237   | 18.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.40%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 133441   | 45.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.20%  |
| 24) Chloroform-d               | 7.65   | 84    | 578236   | 24.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.48%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 318316m  | 24.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.88%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1151326  | 26.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 105.00% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 392030   | 26.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.80% |
| 37) Toluene-d8                 | 10.32  | 98    | 967331   | 26.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.76% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 129418   | 23.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.36%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 85460    | 43.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.92%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 213620   | 22.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.04%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 226740   | 29.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 116.84% |

| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.13 | 43 | 14190 | 4.055 ug/L | 100    |

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

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