

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\  
 Data File : VW016115.D  
 Acq On : 10 Aug 2020 21:29  
 Operator : SY/VA  
 Sample : L3598-06  
 Misc : 5.53G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 11 02:32:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 11 01:19:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 335817   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 292850   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 84677    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 108205   | 25.99    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 80001    | 25.31    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 101.24%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 166713   | 18.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.40%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 71733    | 65.48    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 130.96%  |
| 24) Chloroform-d               | 7.65   | 84    | 232931   | 25.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 138944   | 29.03    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 116.12%  |
| 29) Benzene-d6                 | 8.27   | 84    | 439288   | 27.57    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 110.28%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 132773   | 28.34    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.36%  |
| 37) Toluene-d8                 | 10.32  | 98    | 379558   | 25.98    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.92%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 59086    | 28.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 112.24%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57865    | 71.60    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 143.20%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117776   | 30.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 123.52%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 81819    | 27.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 109.04%  |

| Target Compounds       |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 4.14 | 43 | 27046 | 32.633 ug/L | 76     |
| 16) Methylene chloride | 4.90 | 84 | 9749m | 1.839 ug/L  |        |

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

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