

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW110619\  
 Data File : VW013917.D  
 Acq On : 06 Nov 2019 11:11  
 Operator : SY/VA  
 Sample : K5698-02  
 Misc : 6.55G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0AC3

Quant Time: Nov 07 01:06:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 07 00:53:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 259106   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 251433   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 120133   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 104495   | 25.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.68% |
| 7) Chloroethane-d5             | 2.89   | 69    | 85784    | 26.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.52% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 157098   | 19.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 76.52%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 55754    | 38.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.86%  |
| 24) Chloroform-d               | 7.64   | 84    | 213061   | 26.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 104.40% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 116824   | 26.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.36% |
| 29) Benzene-d6                 | 8.27   | 84    | 460219   | 27.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.28% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 139826   | 27.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 421437   | 26.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.52% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 55558    | 23.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.44%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 46184    | 39.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.74%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 108148   | 23.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 130286   | 27.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 109.64% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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