

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\  
 Data File : VW013598.D  
 Acq On : 16 Oct 2019 14:42  
 Operator : SY/VA  
 Sample : K5378-17  
 Misc : 4.34G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 16 16:40:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 16 16:38:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 471356   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 421429   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 203441   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 89528    | 16.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.40% |
| 7) Chloroethane-d5             | 2.89   | 69    | 73692    | 17.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.16% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 161517   | 14.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 57.72% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 67332    | 41.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 82.88% |
| 24) Chloroform-d               | 7.65   | 84    | 217377   | 21.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.92% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 115482   | 21.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.08% |
| 29) Benzene-d6                 | 8.27   | 84    | 476325   | 21.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.40% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 139985   | 20.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 83.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 442849   | 20.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 58901    | 19.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.96% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 52996    | 39.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.12% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 112233   | 20.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 83.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 164214   | 22.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.84% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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