

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\  
 Data File : VW014121.D  
 Acq On : 25 Nov 2019 19:33  
 Operator : SY/VA  
 Sample : K6007-20  
 Misc : 6.15G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BM6

Quant Time: Nov 26 08:55:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 26 07:45:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 283900   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 280629   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 148180   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 77363    | 17.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.32%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 72690    | 19.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 129320   | 13.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 55.64%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 65120    | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 98.98%  |
| 24) Chloroform-d               | 7.65   | 84    | 203739   | 23.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.36%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 110882   | 25.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.08% |
| 29) Benzene-d6                 | 8.27   | 84    | 419142   | 21.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 131068   | 22.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.88%  |
| 37) Toluene-d8                 | 10.32  | 98    | 379002   | 20.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.28%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 50810    | 20.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.36%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 51116    | 46.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.42%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 107828   | 24.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 137782   | 23.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.56%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 4863 | 3.632 ug/L | 87     |

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

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