

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030419\  
 Data File : VW008966.D  
 Acq On : 04 Mar 2019 15:00  
 Operator : SY/VA  
 Sample : K1657-11  
 Misc : 7.35G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB655

Quant Time: Mar 05 15:25:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 05 05:37:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 338206   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 308393   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 122055   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 93077    | 17.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.76% |
| 7) Chloroethane-d5             | 2.88   | 69    | 94945    | 20.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.40% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 119282   | 13.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.52% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 55299    | 35.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.50% |
| 24) Chloroform-d               | 7.65   | 84    | 148052   | 18.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 72.40% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 105909   | 21.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.76% |
| 29) Benzene-d6                 | 8.27   | 84    | 326548   | 22.06    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.24% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 101713   | 23.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.80% |
| 37) Toluene-d8                 | 10.32  | 98    | 306990   | 20.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.84% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 40161    | 18.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.92% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 42350    | 35.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 71.68% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 86917    | 19.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 94711    | 21.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 87.08% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 15613 | 2.855 ug/L | 92     |

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

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