

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\  
 Data File : VW011278.D  
 Acq On : 16 Jul 2019 11:42  
 Operator : SY/VA  
 Sample : K3755-07  
 Misc : 4.71G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB912

Quant Time: Jul 17 07:49:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 17 07:20:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 396571   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 351700   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 166527   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 111302   | 18.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 78685    | 18.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.08% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 180977   | 14.11    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 56.44% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 86001    | 36.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.10% |
| 24) Chloroform-d               | 7.65   | 84    | 204608   | 18.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 75.28% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 127136   | 18.99    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 75.96% |
| 29) Benzene-d6                 | 8.27   | 84    | 428223   | 19.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 79.04% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 141324   | 20.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 80.12% |
| 37) Toluene-d8                 | 10.32  | 98    | 374311   | 19.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 77.56% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 54593    | 18.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 72.80% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 58685    | 36.27    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.54% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 108277   | 18.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 74.20% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 128056   | 20.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 80.12% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 4257 | 1.827 ug/L | 98     |

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

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