

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121418\  
 Data File : VW007438.D  
 Acq On : 12 Dec 2018 13:17  
 Operator : SY/AP  
 Sample : J6271-15RE  
 Misc : 5.93G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F9E30RE

Quant Time: Dec 13 01:01:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120718S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 13 00:38:14 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 54390    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 48751    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 21134    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 9910     | 27.97    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 111.88% |
| 7) Chloroethane-d5             | 2.89   | 69    | 7534     | 25.11    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.44% |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 25230    | 20.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 82.60%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 7183     | 32.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.34%  |
| 24) Chloroform-d               | 7.65   | 84    | 34427    | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 107.36% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 19655    | 26.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 107.68% |
| 29) Benzene-d6                 | 8.27   | 84    | 68111    | 25.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 102.88% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 19518    | 25.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 103.32% |
| 37) Toluene-d8                 | 10.32  | 98    | 64149    | 25.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.36% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 9165     | 23.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 94.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 6015     | 33.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.14%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 15124    | 21.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.88%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 20789    | 27.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 111.84% |

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

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

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