

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW080218\  
 Data File : VW004464.D  
 Acq On : 03 Aug 2018 22:49  
 Operator : SY/AP  
 Sample : J4299-14  
 Misc : 6.35G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AF2

Quant Time: Aug 04 03:48:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 04 02:26:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 834506   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 839761   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 317073   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 294683   | 28.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 113.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 231445   | 26.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.04% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 411722   | 19.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 78.12%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 200955   | 43.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.82%  |
| 24) Chloroform-d               | 7.65   | 84    | 580439   | 25.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.76% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 337169   | 26.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 107.08% |
| 29) Benzene-d6                 | 8.28   | 84    | 1119946  | 25.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.28% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 371142   | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.68% |
| 37) Toluene-d8                 | 10.33  | 98    | 930094   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 133336   | 22.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.84%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 144751   | 40.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.44%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 361217   | 22.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 321336   | 26.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.92% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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