

Data File : VW015055.D  
Acq On : 27 Feb 2020 10:45  
Operator : SY/VA  
Sample : VW0227SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Feb 28 04:06:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022420S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 28 03:59:49 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 641576   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 623170   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 228204   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 364857   | 22.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.92%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 266183   | 23.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.04%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 453856m  | 18.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.68%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 171919   | 64.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 128.18% |
| 24) Chloroform-d               | 7.65   | 84    | 517944   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.28%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 323205   | 27.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.60% |
| 29) Benzene-d6                 | 8.27   | 84    | 1020476  | 23.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.32%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 357641   | 24.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.80%  |
| 37) Toluene-d8                 | 10.32  | 98    | 845558   | 23.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.68%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 129773   | 24.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.96%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 112761   | 59.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 118.82% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 256302   | 27.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 110.68% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 230685   | 27.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 110.36% |

Target Compounds Qvalue

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

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