

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\  
 Data File : VW016719.D  
 Acq On : 30 Sep 2020 18:02  
 Operator : SY/VA  
 Sample : L4201-05  
 Misc : 6.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AN4

Quant Time: Oct 01 06:37:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 05:05:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 593441   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 501981   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 225426   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 110690   | 19.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.08%  |
| 7) Chloroethane-d5             | 2.91   | 69    | 101373   | 21.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.44%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 200473   | 15.61    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.44%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 58570    | 37.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.80%  |
| 24) Chloroform-d               | 7.66   | 84    | 310565   | 25.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 148224   | 23.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.04%  |
| 29) Benzene-d6                 | 8.28   | 84    | 588640   | 26.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.60% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 160529   | 26.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.24% |
| 37) Toluene-d8                 | 10.33  | 98    | 557623   | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 100.72% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63849    | 20.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.04%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 46897    | 42.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.52%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 114182   | 22.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.00%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 196024   | 27.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 108.88% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.15 | 43 | 2784  | 2.269 ug/L | 87     |
| 16) Methylene chloride | 4.92 | 84 | 17063 | 1.864 ug/L | 94     |

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

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