

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\  
 Data File : VW016729.D  
 Acq On : 01 Oct 2020 11:28  
 Operator : SY/VA  
 Sample : L4201-03  
 Misc : 5.13G/10ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AL4

Quant Time: Oct 01 21:50:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 21:33:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 656701   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 582241   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 256776   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 111991   | 17.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.48%  |
| 7) Chloroethane-d5             | 2.91   | 69    | 109586   | 21.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.44%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 192801   | 13.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.28%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 74290    | 42.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.74%  |
| 24) Chloroform-d               | 7.66   | 84    | 319572   | 23.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 167243   | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.88%  |
| 29) Benzene-d6                 | 8.28   | 84    | 614522   | 23.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 178733   | 25.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.04% |
| 37) Toluene-d8                 | 10.33  | 98    | 568281   | 22.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 70375    | 19.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 60245    | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.62%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 146858   | 24.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.56%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 202891   | 24.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.92%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.16 | 43 | 1253 | 0.923 ug/L | 64     |

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

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