

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\  
 Data File : VW017150.D  
 Acq On : 10 Nov 2020 19:08  
 Operator : SY/VA  
 Sample : L4693-04  
 Misc : 4.88G/10ML/MSVOA W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4D4

Quant Time: Nov 11 06:55:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 11 05:30:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 511276   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 458699   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 206703   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 132123   | 20.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.08% |
| 7) Chloroethane-d5             | 2.90   | 69    | 106405   | 21.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.76% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 177942   | 15.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.80% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 38296    | 26.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 53.18% |
| 24) Chloroform-d               | 7.65   | 84    | 244401   | 20.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.92% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 115281   | 19.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 77.72% |
| 29) Benzene-d6                 | 8.28   | 84    | 495807   | 21.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.92% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 133611   | 20.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 82.72% |
| 37) Toluene-d8                 | 10.33  | 98    | 470268   | 21.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.40% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49430    | 16.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 67.88% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 29757    | 26.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 52.78% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 90329    | 16.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 64.20% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 158097   | 21.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 86.84% |

| Target Compounds         |       |    |       |            | Ovalue |
|--------------------------|-------|----|-------|------------|--------|
| 13) Acetone              | 4.15  | 43 | 3252  | 3.373 ug/L | 83     |
| 16) Methylene chloride   | 4.92  | 84 | 18983 | 2.754 ug/L | 97     |
| 43) 4-Methyl-2-pentanone | 10.21 | 43 | 4169  | 1.200 ug/L | 94     |

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

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