

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\  
 Data File : VW017350.D  
 Acq On : 19 Nov 2020 00:10  
 Operator : SY/VA  
 Sample : L4749-18  
 Misc : 5.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B17

Quant Time: Nov 19 06:40:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 19 05:03:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 410128   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 314378   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 90532    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 138316   | 22.78    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.12%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 110833   | 22.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 178398   | 16.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.20%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 24325    | 24.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 48.78%  |
| 24) Chloroform-d               | 7.65   | 84    | 241783   | 22.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.76%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 120237   | 23.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 29) Benzene-d6                 | 8.27   | 84    | 470615   | 26.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 106.20% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 128611   | 27.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.96% |
| 37) Toluene-d8                 | 10.32  | 98    | 401624   | 24.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.28%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 38910    | 18.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 20203    | 31.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 63.82%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 81331    | 22.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 76432    | 22.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.48%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 16511 | 2.354 ug/L | 93     |

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

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