

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\  
 Data File : VW017571.D  
 Acq On : 07 Dec 2020 11:59  
 Operator : SY/VA  
 Sample : L4941-07  
 Misc : 4.58G/10ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AZ2

Quant Time: Dec 20 04:32:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 20 03:53:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 422730   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 387257   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 184683   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 102319   | 18.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.60% |
| 7) Chloroethane-d5             | 2.90   | 69    | 90952    | 19.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.52% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 182607   | 14.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.00% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 53213    | 45.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.76% |
| 24) Chloroform-d               | 7.65   | 84    | 272670   | 22.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 138438   | 23.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.96% |
| 29) Benzene-d6                 | 8.27   | 84    | 508050   | 21.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.32% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 149412   | 22.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 459927   | 21.21    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.84% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 61100    | 20.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.00% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31759    | 38.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.88% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 104783   | 22.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.40% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 157681   | 23.06    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.24% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 21246 | 3.347 ug/L | 81     |

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

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