

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\  
 Data File : VW017372.D  
 Acq On : 19 Nov 2020 15:23  
 Operator : SY/VA  
 Sample : L4793-06  
 Misc : 5.06G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BA8

Quant Time: Nov 20 03:47:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 20 01:18:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 364246   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 334526   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 160294   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 120768   | 22.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 97507    | 22.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.04% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 154441   | 16.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.48% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 33287    | 37.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 75.18% |
| 24) Chloroform-d               | 7.65   | 84    | 209508   | 21.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.56% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 99092    | 21.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.72% |
| 29) Benzene-d6                 | 8.27   | 84    | 411821   | 21.84    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.36% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 111147   | 22.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.48% |
| 37) Toluene-d8                 | 10.33  | 98    | 386564   | 21.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.08% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 43391    | 19.84    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.36% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 25314    | 37.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 75.16% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 78746    | 20.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 130653   | 22.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.32% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.93 | 84 | 17363 | 2.787 ug/L | 98     |

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

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