

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\  
 Data File : VW017332.D  
 Acq On : 18 Nov 2020 17:08  
 Operator : SY/VA  
 Sample : L4710-17  
 Misc : 5.10G/10ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Nov 19 05:25:31 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     | 8.85  | 114  | 421924   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 383233   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 186959   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 116210   | 18.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.40% |
| 7) Chloroethane-d5             | 2.90   | 69    | 95599    | 19.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.08% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 158461   | 14.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.00% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 40864    | 39.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.68% |
| 24) Chloroform-d               | 7.65   | 84    | 213101   | 19.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 76.92% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 108146   | 20.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 80.76% |
| 29) Benzene-d6                 | 8.28   | 84    | 437929   | 20.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 81.08% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 117191   | 20.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.44% |
| 37) Toluene-d8                 | 10.33  | 98    | 409100   | 20.11    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.44% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48695    | 19.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.72% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31626    | 40.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.96% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 89523    | 20.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.12% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 143378   | 20.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 83.08% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.93 | 84 | 14954 | 2.072 ug/L | 98     |

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

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