

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\  
 Data File : VW016738.D  
 Acq On : 01 Oct 2020 15:16  
 Operator : SY/VA  
 Sample : L4203-01  
 Misc : 5.49G/10ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG3N3

Quant Time: Oct 01 22:19:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 21:33:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 674166   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 606289   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 291644   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 116634   | 17.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.48% |
| 7) Chloroethane-d5             | 2.91   | 69    | 114073   | 21.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.64% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 199782   | 13.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.76% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 71366    | 40.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.22% |
| 24) Chloroform-d               | 7.66   | 84    | 327363   | 23.21    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.84% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 161607   | 22.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.28% |
| 29) Benzene-d6                 | 8.28   | 84    | 635903   | 23.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.56% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 181446   | 24.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.48% |
| 37) Toluene-d8                 | 10.33  | 98    | 592712   | 22.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.64% |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 70366    | 18.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.76% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 54933    | 40.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 140463   | 22.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 230080   | 24.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.76% |

## Target Compounds

|                        |       |     |       |            | Ovalue |
|------------------------|-------|-----|-------|------------|--------|
| 13) Acetone            | 4.14  | 43  | 6516  | 4.675 ug/L | 96     |
| 16) Methylene chloride | 4.93  | 84  | 31878 | 3.066 ug/L | 91     |
| 35) Trichloroethene    | 9.10  | 95  | 11459 | 1.219 ug/L | 99     |
| 47) Tetrachloroethene  | 10.87 | 164 | 56635 | 6.671 ug/L | 94     |

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

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