

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\  
 Data File : VW016108.D  
 Acq On : 10 Aug 2020 18:42  
 Operator : SY/VA  
 Sample : L3598-11  
 Misc : 7.30G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAY67

Quant Time: Aug 11 02:05:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 11 01:19:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 415227   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 382534   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 143610   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 112426   | 21.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.36%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 80356    | 20.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.24%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 174217   | 15.93    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.72%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 83448    | 61.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.20% |
| 24) Chloroform-d               | 7.65   | 84    | 241039   | 21.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.52%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 150163   | 25.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.48% |
| 29) Benzene-d6                 | 8.27   | 84    | 463814   | 22.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 141324   | 23.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.36%  |
| 37) Toluene-d8                 | 10.33  | 98    | 412848   | 21.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.52%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 67703    | 24.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 98.48%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 70230    | 66.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 133.06% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 139572   | 28.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 112.08% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 123569   | 24.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.08%  |

| Target Compounds       |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 4.14 | 43 | 12474 | 12.173 ug/L | 96     |
| 16) Methylene chloride | 4.92 | 84 | 11194 | 1.707 ug/L  | 84     |

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

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