

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\  
 Data File : VW016372.D  
 Acq On : 26 Aug 2020 17:10  
 Operator : SY/VA  
 Sample : L3807-18  
 Misc : 6.97G/10ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFW56

Quant Time: Aug 27 04:26:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 27 02:40:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 282265   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 265157   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 118399   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 41986    | 13.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 55.72% |
| 7) Chloroethane-d5             | 2.89   | 69    | 37805    | 16.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.12% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 83530    | 11.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 46.68% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 32426    | 37.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 75.66% |
| 24) Chloroform-d               | 7.65   | 84    | 138958   | 18.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 75.52% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 74518    | 19.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 78.60% |
| 29) Benzene-d6                 | 8.28   | 84    | 261753   | 17.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 70.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 75433    | 18.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 73.64% |
| 37) Toluene-d8                 | 10.32  | 98    | 241101   | 17.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 69.04% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 32704    | 16.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 66.16% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 27315    | 41.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.24% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 67647    | 19.84    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.36% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 89701    | 19.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 79.04% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 3623  | 5.093 ug/L | 67     |
| 16) Methylene chloride | 4.92 | 84 | 27049 | 5.184 ug/L | 94     |

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

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