

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022820\  
 Data File : VW015082.D  
 Acq On : 28 Feb 2020 15:34  
 Operator : SY/VA  
 Sample : L1677-20  
 Misc : 5.27G/10ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0CB7

Quant Time: Feb 29 05:31:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 29 04:55:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 585510   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 515142   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 145215   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 277799   | 18.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.88% |
| 7) Chloroethane-d5             | 2.89   | 69    | 211572   | 20.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.16% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 355182   | 15.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.32% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 83018    | 33.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 67.82% |
| 24) Chloroform-d               | 7.65   | 84    | 421658   | 21.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.68% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 230070   | 21.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 812330   | 22.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.80% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 277894   | 23.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.80% |
| 37) Toluene-d8                 | 10.32  | 98    | 645715   | 21.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.48% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 81712    | 18.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 74.60% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 49969    | 31.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 63.70% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 144684   | 18.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 75.56% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 126791   | 23.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.32% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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