

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\  
 Data File : VW017588.D  
 Acq On : 08 Dec 2020 10:42  
 Operator : SY/VA  
 Sample : VW1208SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK16

Quant Time: Dec 20 06:23:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 20 06:19:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 355945   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 330852   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 162240   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 112388   | 24.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.00%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 95701    | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.88%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 190422   | 18.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 63701    | 64.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 129.02% |
| 24) Chloroform-d               | 7.65   | 84    | 267314   | 26.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 105.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 141843   | 28.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 114.36% |
| 29) Benzene-d6                 | 8.28   | 84    | 507366   | 24.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.76%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 147656   | 26.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.92% |
| 37) Toluene-d8                 | 10.33  | 98    | 458478   | 24.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.00%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63639    | 25.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 101.20% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 40232    | 57.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.48% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 118490   | 29.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 117.00% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 161640   | 26.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.64% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.93 | 84 | 9917 | 1.856 ug/L | 91     |

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

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