

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\  
 Data File : VW017876.D  
 Acq On : 14 Jan 2021 13:43  
 Operator : SY/VA  
 Sample : M1132-04  
 Misc : 5.92G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F1A03

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2021 6:29:08 PM

Quant Time: Jan 14 23:19:50 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 14 21:44:45 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 320540   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 281262   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 122367   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 125660   | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 101.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 105533   | 25.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.12% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 163803   | 18.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.84%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 51799    | 64.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 128.88% |
| 24) Chloroform-d               | 7.65   | 84    | 221291   | 26.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 105.68% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 126590m  | 29.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 116.80% |
| 29) Benzene-d6                 | 8.27   | 84    | 428086   | 27.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 108.08% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 124852   | 28.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 114.36% |
| 37) Toluene-d8                 | 10.32  | 98    | 386438   | 25.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.60% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48649    | 24.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 34753    | 63.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 126.74% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 94727    | 29.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 116.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 111269   | 26.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.44% |

| Target Compounds       |       |     |       |       | Ovalue |
|------------------------|-------|-----|-------|-------|--------|
| 13) Acetone            | 4.13  | 43  | 2614m | 3.766 | ug/L   |
| 16) Methylene chloride | 4.92  | 84  | 10801 | 2.356 | ug/L   |
| 47) Tetrachloroethene  | 10.86 | 164 | 1007  | 0.289 | ug/L   |

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

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