

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\  
 Data File : VW013592.D  
 Acq On : 16 Oct 2019 10:50  
 Operator : SY/VA  
 Sample : VW1016SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK07

Manual Integrations  
 APPROVED

MMDadoda  
 10/18/2019 12:52:07 AM

Quant Time: Oct 16 16:57:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 16 16:38:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 452698   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 407829   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 194578   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 115037   | 22.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.84%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 87775    | 22.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 186645m  | 17.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 69.44%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 85841    | 55.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.00% |
| 24) Chloroform-d               | 7.65   | 84    | 239589   | 24.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 131564m  | 25.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.28% |
| 29) Benzene-d6                 | 8.27   | 84    | 537205   | 24.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.36%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 157617   | 24.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.28%  |
| 37) Toluene-d8                 | 10.32  | 98    | 484034   | 23.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.36%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 67085    | 23.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 66321    | 51.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.30% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 132275   | 25.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 175076   | 25.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.16% |

Target Compounds Ovalue

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

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