

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\  
 Data File : VW017149.D  
 Acq On : 10 Nov 2020 18:45  
 Operator : SY/VA  
 Sample : VIBLK21  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 11 06:52:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 11 05:30:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 434038   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 408749   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 200134   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 140553   | 25.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.84% |
| 7) Chloroethane-d5             | 2.90   | 69    | 115630   | 27.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 109.80% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 181453   | 18.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 74.24%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 63902    | 52.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.54% |
| 24) Chloroform-d               | 7.65   | 84    | 272984   | 26.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 107.76% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 140698m  | 27.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 111.72% |
| 29) Benzene-d6                 | 8.28   | 84    | 532402   | 25.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 102.32% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 152423   | 26.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.88% |
| 37) Toluene-d8                 | 10.33  | 98    | 496781   | 25.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.24% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 62651    | 24.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 96.56%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 51213    | 50.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.94% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 133276   | 26.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 106.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 187169   | 26.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 106.16% |

| Target Compounds         |       |    |       |              | Ovalue |
|--------------------------|-------|----|-------|--------------|--------|
| 16) Methylene chloride   | 4.92  | 84 | 15239 | 2.604 ug/L   | 97     |
| 43) 4-Methyl-2-pentanone | 10.22 | 43 | 3653  | 1.180 ug/L # | 81     |

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

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