

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\  
 Data File : VW013555.D  
 Acq On : 14 Oct 2019 11:51  
 Operator : SY/VA  
 Sample : K5265-23  
 Misc : 5.01G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 14 15:38:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 14 15:29:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 539135   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 475600   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 235206   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 119674   | 19.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.60% |
| 7) Chloroethane-d5             | 2.89   | 69    | 90692    | 19.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 76.56% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 186967   | 14.60    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.40% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 75517    | 40.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.26% |
| 24) Chloroform-d               | 7.65   | 84    | 224310   | 19.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 76.60% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 121921   | 20.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 80.36% |
| 29) Benzene-d6                 | 8.27   | 84    | 507943   | 19.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 79.76% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 148378   | 19.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 78.52% |
| 37) Toluene-d8                 | 10.32  | 98    | 468259   | 19.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 77.44% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63465    | 18.85    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.40% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 59268    | 39.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.40% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 121461   | 20.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.16% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 171813   | 20.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 81.32% |

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

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

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