

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\  
 Data File : VW014059.D  
 Acq On : 18 Nov 2019 14:02  
 Operator : SY/VA  
 Sample : K5855-13  
 Misc : 5.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK02

Quant Time: Nov 19 07:52:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 19 07:22:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 345947   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 332578   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 187338   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 113172   | 20.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.00% |
| 7) Chloroethane-d5             | 2.89   | 69    | 91285    | 20.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.60% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 169336   | 14.95    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.80% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 64975    | 40.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.04% |
| 24) Chloroform-d               | 7.65   | 84    | 222088   | 20.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.52% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 117033   | 21.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 475742   | 20.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 80.64% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 142041   | 20.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 82.20% |
| 37) Toluene-d8                 | 10.32  | 98    | 436630   | 19.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 78.04% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 58817    | 19.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.48% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 50233    | 38.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.64% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 108098   | 20.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 150381   | 19.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 79.92% |

| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 4.13 | 43 | 7735 | 4.741 ug/L 74 |

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

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