

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
 Data File : VW009427.D  
 Acq On : 25 Mar 2019 14:46  
 Operator : SY/VA  
 Sample : K2031-12  
 Misc : 4.18G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Mar 26 08:49:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 26 07:46:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 427129   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 383097   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 149445   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 95416    | 18.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.76% |
| 7) Chloroethane-d5             | 2.89   | 69    | 99279    | 16.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.48% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 156453   | 14.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 56.72% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 53028    | 25.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 50.24% |
| 24) Chloroform-d               | 7.64   | 84    | 232344   | 19.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 79.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 124627   | 17.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 71.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 415764   | 19.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 78.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 128485   | 20.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 364345   | 18.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 74.60% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48458    | 15.21    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 60.84% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 36238    | 23.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 47.16% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 92129    | 14.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 58.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 112279   | 19.59    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 78.36% |

## Target Compounds

|                        |      |    |        |        | Ovalue  |
|------------------------|------|----|--------|--------|---------|
| 13) Acetone            | 4.12 | 43 | 19671  | 11.364 | ug/L 72 |
| 14) Carbon disulfide   | 4.37 | 76 | 27437m | 1.938  | ug/L    |
| 16) Methylene chloride | 4.92 | 84 | 27961m | 4.489  | ug/L    |

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

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