

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
 Data File : VW009441.D  
 Acq On : 25 Mar 2019 21:40  
 Operator : SY/VA  
 Sample : K2044-07  
 Misc : 5.95G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Mar 26 09:49:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 26 09:00:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 326823   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 267461   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 82884    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                  |        |       |          |          |      |         |
|----------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3             | 2.35   | 65    | 76805    | 19.67    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 30 - 150 | Recovery | =    | 78.68%  |
| 7) Chloroethane-d5               | 2.89   | 69    | 93085    | 20.37    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 30 - 150 | Recovery | =    | 81.48%  |
| 10) 1,1-Dichloroethene-d2        | 4.01   | 63    | 125131   | 14.82    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 45 - 110 | Recovery | =    | 59.28%  |
| 20) 2-Butanone-d5                | 7.08   | 46    | 88563    | 54.83    | ug/L | 0.00    |
| Spiked Amount                    | 50.000 | Range | 20 - 135 | Recovery | =    | 109.66% |
| 24) Chloroform-d                 | 7.64   | 84    | 219689   | 24.63    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 40 - 150 | Recovery | =    | 98.52%  |
| 26) 1,2-Dichloroethane-d4        | 8.31   | 65    | 139225   | 25.91    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 70 - 130 | Recovery | =    | 103.64% |
| 29) Benzene-d6                   | 8.27   | 84    | 369760   | 25.07    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 20 - 135 | Recovery | =    | 100.28% |
| 33) 1,2-Dichloropropane-d6       | 9.27   | 67    | 131505   | 29.68    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 70 - 120 | Recovery | =    | 118.72% |
| 37) Toluene-d8                   | 10.32  | 98    | 292000   | 21.41    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 30 - 130 | Recovery | =    | 85.64%  |
| 38) trans-1,3-Dichloropropene-   | 10.57  | 79    | 44541    | 20.02    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 30 - 135 | Recovery | =    | 80.08%  |
| 39) 2-Hexanone-d5                | 10.93  | 63    | 61017    | 56.87    | ug/L | 0.00    |
| Spiked Amount                    | 50.000 | Range | 20 - 135 | Recovery | =    | 113.74% |
| 48) 1,1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 128384   | 29.42    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 45 - 120 | Recovery | =    | 117.68% |
| 61) 1,2-Dichlorobenzene-d4       | 13.86  | 152   | 82057    | 25.82    | ug/L | 0.00    |
| Spiked Amount                    | 25.000 | Range | 75 - 120 | Recovery | =    | 103.28% |

## Target Compounds

|                        |       |     |        |       | Ovalue   |
|------------------------|-------|-----|--------|-------|----------|
| 13) Acetone            | 4.14  | 43  | 7286   | 5.501 | ug/L 79  |
| 14) Carbon disulfide   | 4.37  | 76  | 61522  | 5.680 | ug/L 98  |
| 16) Methylene chloride | 4.90  | 84  | 32203m | 6.757 | ug/L     |
| 34) Benzene            | 8.32  | 78  | 8134   | 0.556 | ug/L 100 |
| 47) Tetrachloroethene  | 10.87 | 164 | 1515   | 0.460 | ug/L 91  |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
Data File : VW009441.D  
Acq On : 25 Mar 2019 21:40  
Operator : SY/VA  
Sample : K2044-07  
Misc : 5.95G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Mar 26 09:49:04 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 26 09:00:24 2019  
Response via : Initial Calibration

