

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\  
 Data File : VW006898.D  
 Acq On : 15 Nov 2018 15:35  
 Operator : SY/AP  
 Sample : J5945-04  
 Misc : 5.78G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOA1

Quant Time: Nov 16 05:43:39 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111418S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 16 04:49:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 147810   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 138669   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 60491    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 29557    | 22.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.08% |
| 7) Chloroethane-d5             | 2.89   | 69    | 22413    | 23.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.00% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 56733    | 16.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.72% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 34529    | 47.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.48% |
| 24) Chloroform-d               | 7.65   | 84    | 68276    | 20.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.48% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 44463    | 24.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.28% |
| 29) Benzene-d6                 | 8.28   | 84    | 150456   | 20.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 83.04% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 46525    | 20.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 83.88% |
| 37) Toluene-d8                 | 10.33  | 98    | 152606   | 20.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.20% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 20623    | 21.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.56% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 25791    | 46.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.30% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 44641    | 23.24    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 48270    | 21.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 84.28% |

| Target Compounds       |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 4.14 | 43 | 13614 | 29.220 ug/L | 95     |
| 16) Methylene chloride | 4.92 | 84 | 5496  | 2.126 ug/L  | 92     |

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

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