

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV102918\  
 Data File : VV008449.D  
 Acq On : 29 Oct 2018 13:32  
 Operator : SY/MD  
 Sample : J5669-05RE  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETBX5RE

Quant Time: Oct 30 08:17:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 30 07:40:49 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 197505   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 180418   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 73876    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 51984    | 47.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.08%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 40207    | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.84% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 70666    | 35.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.56%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 117354   | 98.74    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.74%  |
| 24) Chloroform-d               | 4.41    | 84    | 129409   | 47.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 90727    | 50.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.62% |
| 32) Benzene-d6                 | 5.10    | 84    | 262706   | 51.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.20% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 90267    | 50.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.16% |
| 41) Toluene-d8                 | 7.36    | 98    | 237183   | 50.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.62% |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 42819    | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.78%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 89568    | 96.12    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 120928   | 50.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.06% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 78896    | 52.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.42% |

## Target Compounds

|                              |      |     |        |        |      | Qvalue |
|------------------------------|------|-----|--------|--------|------|--------|
| 13) Acetone                  | 2.19 | 43  | 8947   | 9.70   | ug/L | 94     |
| 17) trans-1,2-Dichloroethene | 2.79 | 96  | 5056   | 3.74   | ug/L | 93     |
| 20) cis-1,2-Dichloroethene   | 3.97 | 96  | 279247 | 181.45 | ug/L | 94     |
| 34) Trichloroethene          | 5.96 | 95  | 40768  | 27.00  | ug/L | 99     |
| 46) Tetrachloroethene        | 8.02 | 164 | 26419  | 26.84  | ug/L | 99     |

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

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