

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\  
 Data File : VV008960.D  
 Acq On : 15 Dec 2018 03:28  
 Operator : SY/MD  
 Sample : J6369-14  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL98

Quant Time: Dec 15 04:41:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 15 01:01:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 199412   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 186246   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 78137    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 46884    | 40.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.52%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 37177    | 50.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.46% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 96819    | 35.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.40%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 86207    | 110.87   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.87% |
| 24) Chloroform-d               | 4.41    | 84    | 118865   | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.68%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 80137    | 50.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.26% |
| 32) Benzene-d6                 | 5.10    | 84    | 238447   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.02%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 73213    | 48.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.08%  |
| 41) Toluene-d8                 | 7.36    | 98    | 218501   | 46.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.76%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 34017    | 44.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.94%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 57299    | 102.65   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.65% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 91640    | 47.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.12%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 80414    | 49.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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