

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\  
 Data File : VU026623.D  
 Acq On : 07 Sep 2018 17:14  
 Operator : MD/SY  
 Sample : J4750-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0SY9

Quant Time: Sep 08 01:52:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 08 01:21:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 154490   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 144034   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 59801    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 44237    | 46.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.44%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 39849    | 46.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 64556    | 29.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.90%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 79365    | 106.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.83% |
| 24) Chloroform-d               | 4.65    | 84    | 86387    | 47.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 58280    | 48.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.84%  |
| 32) Benzene-d6                 | 5.34    | 84    | 167100   | 50.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.66% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 59743    | 52.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.78% |
| 41) Toluene-d8                 | 7.57    | 98    | 145402   | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.74%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 24827    | 47.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.34%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 56416    | 107.86   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 83025    | 49.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.82%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 57161    | 52.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.36% |

| Target Compounds          |      |     |       |       |      | Ovalue |
|---------------------------|------|-----|-------|-------|------|--------|
| 9) Trichlorofluoromethane | 1.88 | 101 | 52754 | 25.73 | ug/L | 98     |
| 13) Acetone               | 2.32 | 43  | 1482  | 2.30  | ug/L | 82     |
| 34) Trichloroethene       | 6.19 | 95  | 23487 | 22.68 | ug/L | 98     |
| 46) Tetrachloroethene     | 8.23 | 164 | 80169 | 94.67 | ug/L | 97     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090818\  
Data File : VU026623.D  
Acq On : 07 Sep 2018 17:14  
Operator : MD/SY  
Sample : J4750-09  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0SY9

Quant Time: Sep 08 01:52:49 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Sep 08 01:21:38 2018  
Response via : Initial Calibration

