

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\  
 Data File : VU025539.D  
 Acq On : 20 Jul 2018 14:14  
 Operator : MD/SY  
 Sample : J4039-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB1P5

Quant Time: Jul 21 02:00:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 21 01:28:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 270226   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 247445   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 113393   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 95389    | 61.83    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 123.66%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 78294    | 61.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 123.06%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 150479   | 46.85    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.70%   |
| 21) 2-Butanone-d5              | 4.18    | 46    | 157772   | 132.47   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 132.47%# |
| 24) Chloroform-d               | 4.65    | 84    | 208410   | 60.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 121.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 142984   | 62.92    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 125.84%# |
| 32) Benzene-d6                 | 5.35    | 84    | 408174   | 64.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 128.64%# |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 130020   | 63.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 127.16%# |
| 41) Toluene-d8                 | 7.57    | 98    | 382620   | 62.87    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 125.74%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 65502    | 62.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 125.42%# |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 115064   | 134.39   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 134.39%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 175871   | 61.49    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 122.98%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 149856   | 65.21    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 130.42%# |

| Target Compounds     |      |    |      |           | Ovalue |
|----------------------|------|----|------|-----------|--------|
| 14) Carbon disulfide | 2.48 | 76 | 6115 | 1.23 ug/L | 95     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072018\  
Data File : VU025539.D  
Acq On : 20 Jul 2018 14:14  
Operator : MD/SY  
Sample : J4039-07  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DB1P5

Quant Time: Jul 21 02:00:10 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jul 21 01:28:05 2018  
Response via : Initial Calibration

