

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
 Data File : VU026271.D  
 Acq On : 23 Aug 2018 00:33  
 Operator : MD/SY  
 Sample : J4599-01 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETBN8

Quant Time: Aug 23 07:47:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 23 07:46:41 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 283839   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 282343   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 132039   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 71466    | 41.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.56% |
| 7) Chloroethane-d5             | 1.68    | 69    | 62191    | 44.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.10% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 110802   | 32.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.12% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 134936   | 97.66    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.66% |
| 24) Chloroform-d               | 4.65    | 84    | 174172   | 45.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.28% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 116037   | 46.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.42% |
| 32) Benzene-d6                 | 5.35    | 84    | 334003   | 44.22    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.44% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 110881   | 45.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.44% |
| 41) Toluene-d8                 | 7.57    | 98    | 299704   | 41.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.02% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 52489    | 41.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.78% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 92772    | 89.50    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.50% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 155447   | 43.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.62% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 133964   | 47.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.62% |

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

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
Data File : VU026271.D  
Acq On : 23 Aug 2018 00:33  
Operator : MD/SY  
Sample : J4599-01 40X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETBN8

Quant Time: Aug 23 07:47:32 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 23 07:46:41 2018  
Response via : Initial Calibration

