

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\  
 Data File : VU030352.D  
 Acq On : 23 Mar 2019 19:58  
 Operator : JC/SP  
 Sample : K2083-07 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF1A9

Quant Time: Mar 24 03:02:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Mar 24 02:05:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 411100   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 393219   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 170029   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 149015   | 45.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.08%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 122461   | 46.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 217018   | 34.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.16%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 301007   | 96.78    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.78%  |
| 24) Chloroform-d               | 4.65    | 84    | 268792   | 47.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 182005   | 48.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.58%  |
| 32) Benzene-d6                 | 5.34    | 84    | 549087   | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.38%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 194521   | 50.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.84% |
| 41) Toluene-d8                 | 7.56    | 98    | 486949   | 48.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.16%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 85270    | 47.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.00%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 204588   | 97.86    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 261270   | 47.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.64%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 170027   | 49.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.82%  |

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

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032319\  
Data File : VU030352.D  
Acq On : 23 Mar 2019 19:58  
Operator : JC/SP  
Sample : K2083-07 50X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF1A9

Quant Time: Mar 24 03:02:55 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sun Mar 24 02:05:17 2019  
Response via : Initial Calibration

