

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\  
 Data File : VU033562.D  
 Acq On : 02 Aug 2019 12:14  
 Operator : JC/SP  
 Sample : K4103-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB9F7

Quant Time: Aug 03 00:58:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM073119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 03 00:39:04 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 294219   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 287212   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 131713   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 131436   | 61.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 122.88%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 109576   | 59.70    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 119.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 171543   | 44.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.38%   |
| 21) 2-Butanone-d5              | 4.15    | 46    | 170640   | 120.44   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 120.44%  |
| 24) Chloroform-d               | 4.62    | 84    | 203343   | 56.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 136416   | 60.07    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 120.14%  |
| 32) Benzene-d6                 | 5.32    | 84    | 426928   | 59.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 119.92%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 135672   | 60.79    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 121.58%# |
| 41) Toluene-d8                 | 7.55    | 98    | 383018   | 57.41    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.82%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 62455    | 56.41    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 112.82%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 124700   | 117.68   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 117.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 199766   | 58.05    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 116.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 145265   | 60.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 120.46%# |

| Target Compounds             |      |    |        |              | Ovalue |
|------------------------------|------|----|--------|--------------|--------|
| 17) trans-1,2-Dichloroethene | 2.97 | 96 | 5492   | 2.751 ug/L   | 94     |
| 20) cis-1,2-Dichloroethene   | 4.20 | 96 | 498659 | 222.558 ug/L | 99     |
| 34) Trichloroethene          | 6.16 | 95 | 290563 | 132.943 ug/L | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080219\  
Data File : VU033562.D  
Acq On : 02 Aug 2019 12:14  
Operator : JC/SP  
Sample : K4103-16  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DB9F7

Quant Time: Aug 03 00:58:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM073119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 03 00:39:04 2019  
Response via : Initial Calibration

