

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\  
 Data File : VU033559.D  
 Acq On : 02 Aug 2019 10:49  
 Operator : JC/SP  
 Sample : VU0802WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK40

Quant Time: Aug 03 00:50:37 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  | 274141   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 276660   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 129346   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 80088    | 40.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.36%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 90638    | 53.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.00% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 115551   | 31.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.88%  |
| 21) 2-Butanone-d5              | 4.16    | 46    | 154771   | 117.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 117.24% |
| 24) Chloroform-d               | 4.62    | 84    | 163582   | 48.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 110083   | 52.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.06% |
| 32) Benzene-d6                 | 5.32    | 84    | 319363   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 105485   | 49.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.12%  |
| 41) Toluene-d8                 | 7.55    | 98    | 279492   | 43.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.98%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 48882    | 45.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.68%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 107810   | 105.62   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 105.62% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 169581   | 51.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.30% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 120960   | 51.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.14% |

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

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

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