

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
 Data File : VU026261.D  
 Acq On : 22 Aug 2018 20:41  
 Operator : MD/SY  
 Sample : J4598-14 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETBL4

Quant Time: Aug 23 07:44:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 23 07:27:18 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 276811   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 273636   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 129977   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 77437    | 45.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.72%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 68029    | 49.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 123998   | 37.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.74%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 146549   | 108.76   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.76% |
| 24) Chloroform-d               | 4.65    | 84    | 188098   | 49.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 126499   | 51.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.30% |
| 32) Benzene-d6                 | 5.35    | 84    | 359155   | 49.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 117613   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.08% |
| 41) Toluene-d8                 | 7.57    | 98    | 327725   | 46.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.68%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 55839    | 45.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.96%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 103786   | 103.31   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.31% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 170115   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 140272   | 50.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.72% |

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

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

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