

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\  
 Data File : VU026625.D  
 Acq On : 07 Sep 2018 18:00  
 Operator : MD/SY  
 Sample : J4750-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: Sep 08 02:02:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 08 01:21:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 151130   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 141221   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 57251    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 44550    | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.16%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41711    | 49.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 66064    | 31.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.66%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 86146    | 118.54   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 118.54% |
| 24) Chloroform-d               | 4.65    | 84    | 89400    | 50.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.10% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 60456    | 51.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.70% |
| 32) Benzene-d6                 | 5.34    | 84    | 171810   | 52.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.56% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 61227    | 54.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.52% |
| 41) Toluene-d8                 | 7.57    | 98    | 150247   | 47.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.64%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 25926    | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.54% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 59494    | 116.01   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 116.01% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 87402    | 53.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 106.12% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 58736    | 56.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.10% |

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

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

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