

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\  
 Data File : VU035335.D  
 Acq On : 21 Oct 2019 21:20  
 Operator : JC/SP  
 Sample : K5421-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA7

Quant Time: Oct 22 07:21:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 22 06:40:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 279852   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 270129   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 97433    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 76018    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.00%  |
| 7) Chloroethane-d5             | 1.94   | 69    | 76978    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.60   | 63    | 108330   | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%  |
| 20) 2-Butanone-d5              | 4.71   | 46    | 265436   | 54.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.26% |
| 24) Chloroform-d               | 5.11   | 84    | 162356   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 91535    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.00% |
| 32) Benzene-d6                 | 5.77   | 84    | 308088   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 107089   | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 109.20% |
| 41) Toluene-d8                 | 7.93   | 98    | 276435   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 39791    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60%  |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 206654   | 49.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 92466    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 91966    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.60% |

## Target Compounds

| Target Compounds        | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------|-------|------|----------|-------|-------|--------|
| 13) Acetone             | 2.67  | 43   | 8653     | 2.537 | ug/L  | 88     |
| 16) Methylene chloride  | 3.08  | 84   | 6968     | 0.322 | ug/L  | 98     |
| 51) Chlorobenzene       | 9.48  | 112  | 19095    | 0.337 | ug/L  | 99     |
| 65) 1,2-Dichlorobenzene | 12.24 | 146  | 12767    | 0.409 | ug/L  | 94     |

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

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