

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\  
 Data File : VU035278.D  
 Acq On : 18 Oct 2019 19:57  
 Operator : JC/SP  
 Sample : K5419-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0G59

Quant Time: Oct 19 05:34:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 19 03:38:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 328739   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 315127   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 130226   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 93117    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 86899    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.60   | 63    | 129308   | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.80%  |
| 20) 2-Butanone-d5              | 4.71   | 46    | 281663   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.80%  |
| 24) Chloroform-d               | 5.12   | 84    | 182203   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 102013   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 360589   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 122060   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.60% |
| 41) Toluene-d8                 | 7.93   | 98    | 339617   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 48992    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 235444   | 48.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 102993   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 117719   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.20%  |

## Target Compounds

|                              |      |    |       |            | Ovalue |
|------------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride            | 1.62 | 62 | 44973 | 1.578 ug/L | 93     |
| 13) Acetone                  | 2.67 | 43 | 8061  | 2.012 ug/L | 93     |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 6275  | 0.275 ug/L | 97     |
| 22) cis-1,2-Dichloroethene   | 4.72 | 96 | 20375 | 0.809 ug/L | 97     |
| 34) Trichloroethene          | 6.58 | 95 | 4391  | 0.176 ug/L | 94     |

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

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