

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\  
 Data File : VU034972.D  
 Acq On : 07 Oct 2019 20:14  
 Operator : JC/SP  
 Sample : K5219-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-1-191001-01

Quant Time: Oct 09 05:24:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 09 03:56:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 180599   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 184075   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 74600    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 48046    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 46700    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 73299    | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 148999   | 47.39    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.78%  |
| 24) Chloroform-d               | 4.62   | 84    | 94090    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 57840    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 32) Benzene-d6                 | 5.32   | 84    | 205908   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 71134    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.60%  |
| 41) Toluene-d8                 | 7.55   | 98    | 187353   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 21972    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.60%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 113076   | 45.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 58761    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 68618    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.00% |

## Target Compounds

|                |      |     |       |       | Ovalue  |
|----------------|------|-----|-------|-------|---------|
| 13) Acetone    | 2.31 | 43  | 17729 | 6.885 | ug/L 98 |
| 42) Toluene    | 7.62 | 91  | 30754 | 0.531 | ug/L 96 |
| 53) m,p-Xylene | 9.36 | 106 | 3240  | 0.137 | ug/L 94 |
| 55) Styrene    | 9.78 | 104 | 7030  | 0.188 | ug/L 95 |

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

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