

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\  
 Data File : VU039228.D  
 Acq On : 30 Jun 2020 08:14  
 Operator : SY/MD  
 Sample : L3116-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9Q55

Quant Time: Jun 30 11:14:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 30 06:54:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 213046   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 215815   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 95171    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 69840    | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 71.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 56635    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 73.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 108360   | 2.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.40%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 197929   | 33.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 66.28%  |
| 24) Chloroform-d               | 5.10   | 84    | 131355   | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 77800    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.20%  |
| 32) Benzene-d6                 | 5.76   | 84    | 249398   | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 74.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 80122    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 74.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 203696   | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 69.00%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 31802    | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 63.60%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 131330   | 28.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 57.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 61260    | 3.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 61.80%# |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 78437    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 78.40%# |

## Target Compounds

|                              |      |    |        |        | Ovalue  |
|------------------------------|------|----|--------|--------|---------|
| 13) Acetone                  | 2.67 | 43 | 142625 | 38.953 | ug/L 99 |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 2556   | 0.153  | ug/L 84 |
| 21) 2-Butanone               | 4.75 | 43 | 25586  | 4.400  | ug/L 98 |
| 22) cis-1,2-Dichloroethene   | 4.70 | 96 | 13594  | 0.811  | ug/L 94 |
| 30) Cyclohexane              | 5.42 | 56 | 4964   | 0.183  | ug/L 94 |
| 34) Trichloroethene          | 6.57 | 95 | 112448 | 6.325  | ug/L 97 |

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

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