

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\  
 Data File : VU039463.D  
 Acq On : 11 Jul 2020 05:05  
 Operator : SY/MD  
 Sample : L3268-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4B01

Quant Time: Jul 11 06:00:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jul 11 05:00:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 89012    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 85017    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 39190    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 17911    | 3.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 24502    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 30660    | 3.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.40%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 143494   | 60.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.58% |
| 24) Chloroform-d               | 5.08   | 84    | 53140    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 38331    | 5.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.20% |
| 32) Benzene-d6                 | 5.75   | 84    | 102843   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 37530    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 87167    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 13697    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 100622   | 53.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 37432    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 36058    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

| Target Compounds |      |    |      |              | Ovalue |
|------------------|------|----|------|--------------|--------|
| 13) Acetone      | 2.66 | 43 | 6878 | 5.398 ug/L   | 90     |
| 30) Cyclohexane  | 5.41 | 56 | 1242 | 0.118 ug/L # | 61     |

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

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