

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\  
 Data File : VU038972.D  
 Acq On : 18 Jun 2020 16:04  
 Operator : SY/MD  
 Sample : L3058-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9L33

Quant Time: Jun 19 02:11:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 19 01:17:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 261042   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 324108   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 127482   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 76421    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 73600    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 137663   | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.00%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 277333   | 47.82    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.64%  |
| 24) Chloroform-d               | 5.10   | 84    | 182252   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 106684   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 345054   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 109419   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 275236   | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 41153    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 68.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 285625   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 105101   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 123627   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.80% |

| Target Compounds     |      |    |        |             | Ovalue |
|----------------------|------|----|--------|-------------|--------|
| 13) Acetone          | 2.70 | 43 | 359958 | 91.072 ug/L | 91     |
| 14) Carbon disulfide | 2.82 | 76 | 6250   | 0.101 ug/L  | 99     |
| 21) 2-Butanone       | 4.77 | 43 | 11719  | 1.874 ug/L  | 79     |

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

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