

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\  
 Data File : VU038900.D  
 Acq On : 15 Jun 2020 18:42  
 Operator : SY/MD  
 Sample : L2975-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF8P7

Quant Time: Jun 16 03:14:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061520WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 16 01:57:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 256258   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 260815   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 115553   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 64138    | 5.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 68135    | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 107521   | 3.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.40%   |
| 20) 2-Butanone-d5              | 4.68   | 46    | 300563   | 65.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 130.08%# |
| 24) Chloroform-d               | 5.10   | 84    | 170563   | 5.48     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 102158   | 5.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 315775   | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 102851   | 5.68     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 254857   | 4.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%   |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 31218    | 3.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.00%   |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 235773   | 59.79    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 119.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 96918    | 5.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 113.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 110443   | 5.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.80%  |

| Target Compounds      |      |     |         |             | Ovalue |
|-----------------------|------|-----|---------|-------------|--------|
| 13) Acetone           | 2.68 | 43  | 9878    | 2.612 ug/L  | 95     |
| 34) Trichloroethene   | 6.57 | 95  | 1434190 | 70.898 ug/L | 97     |
| 47) Tetrachloroethene | 8.57 | 164 | 33875   | 2.185 ug/L  | 98     |

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

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