

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038576.D  
 Acq On : 05 Jun 2020 16:30  
 Operator : SY/MD  
 Sample : L2860-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D63

Quant Time: Jun 06 01:50:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 06 00:12:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 284923   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 278188   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 133767   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 64922    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 70.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 58535    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 108695   | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 303209   | 54.13    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.26% |
| 24) Chloroform-d               | 5.10   | 84    | 164950   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 97775    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 325263   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 100870   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 268495   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 37738    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 253268   | 55.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 93855    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 117675   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.00% |

| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 2.68 | 43 | 15346  | 4.186 ug/L | 97     |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 120744 | 4.989 ug/L | 99     |
| 30) Cyclohexane        | 5.42 | 56 | 10067  | 0.326 ug/L | 100    |

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

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