

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\  
 Data File : VU039189.D  
 Acq On : 29 Jun 2020 14:28  
 Operator : SY/MD  
 Sample : L3139-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA3

Quant Time: Jun 30 01:55:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 30 01:35:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 267536   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 263263   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 122803   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 69906    | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 57.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 55258    | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 57.00%# |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 107635   | 2.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 47.00%# |
| 20) 2-Butanone-d5              | 4.68   | 46    | 206025   | 27.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 54.94%  |
| 24) Chloroform-d               | 5.10   | 84    | 126709   | 2.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 58.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 77696    | 2.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 57.40%# |
| 32) Benzene-d6                 | 5.76   | 84    | 253277   | 3.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 61.60%# |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 79141    | 3.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 60.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 208883   | 2.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 58.00%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 34306    | 2.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 56.20%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 144581   | 26.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 52.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 60499    | 2.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 50.00%# |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 78603    | 3.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 61.00%# |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 2856  | 0.104 ug/L | 99     |
| 13) Acetone      | 2.68 | 43 | 17697 | 3.849 ug/L | 97     |

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

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