

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\  
 Data File : VU039193.D  
 Acq On : 29 Jun 2020 16:00  
 Operator : SY/MD  
 Sample : L3104-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9Q45

Quant Time: Jun 30 02:11:46 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  | 217092   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 215725   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 96168    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 58217    | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 58.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 59681    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 75.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 96163    | 2.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 51.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 311432   | 51.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.34% |
| 24) Chloroform-d               | 5.10   | 84    | 148515   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 96447    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 280579   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 95666    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.20%  |
| 41) Toluene-d8                 | 7.92   | 98    | 214838   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 31409    | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 220348   | 48.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 83720    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 91783    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.80%  |

| Target Compounds       |      |    |        |             | Ovalue |
|------------------------|------|----|--------|-------------|--------|
| 13) Acetone            | 2.67 | 43 | 206292 | 55.291 ug/L | 99     |
| 16) Methylene chloride | 3.07 | 84 | 2040   | 0.106 ug/L  | 85     |
| 21) 2-Butanone         | 4.75 | 43 | 36343  | 6.134 ug/L  | 100    |

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

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