

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\  
 Data File : VU040679.D  
 Acq On : 13 Oct 2020 13:53  
 Operator : SY/MD  
 Sample : L4346-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAQZ4

Quant Time: Oct 14 06:47:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 14 05:57:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 128476   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 131848   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 56003    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 38977    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 35481    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 61473    | 2.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.00%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 163601   | 48.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.04%  |
| 24) Chloroform-d               | 5.08   | 84    | 83922    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 51641    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 149048   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 52757    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 116641   | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 73.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19454    | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 112986   | 43.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 46809    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 48448    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.40%  |

## Target Compounds

|                       |      |     |       |        | Ovalue  |
|-----------------------|------|-----|-------|--------|---------|
| 13) Acetone           | 2.67 | 43  | 69874 | 26.461 | ug/L 78 |
| 25) Chloroform        | 5.11 | 83  | 4044  | 0.200  | ug/L 94 |
| 34) Trichloroethene   | 6.56 | 95  | 16230 | 1.478  | ug/L 97 |
| 47) Tetrachloroethene | 8.56 | 164 | 2391  | 0.305  | ug/L 89 |

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

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