

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\  
 Data File : VU040300.D  
 Acq On : 25 Sep 2020 15:15  
 Operator : SY/MD  
 Sample : L4147-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSH8

Quant Time: Sep 26 06:38:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 26 04:43:23 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 123042   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 127129   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 57405    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 31865    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 30438    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 51699    | 3.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 159743   | 59.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.90% |
| 24) Chloroform-d               | 5.08   | 84    | 71699    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 45877    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 32) Benzene-d6                 | 5.75   | 84    | 135190   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 47547    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 110328   | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17794    | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 109092   | 51.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.50% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 41931    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45521    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.00%  |

| Target Compounds     |      |    |       |              | Ovalue |
|----------------------|------|----|-------|--------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 1373  | 0.117 ug/L   | 92     |
| 13) Acetone          | 2.67 | 43 | 20292 | 8.158 ug/L   | 98     |
| 14) Carbon disulfide | 2.81 | 76 | 3748  | 0.123 ug/L # | 94     |

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

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