

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\  
 Data File : VU040745.D  
 Acq On : 16 Oct 2020 13:38  
 Operator : SY/MD  
 Sample : L4419-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AH8

Quant Time: Oct 17 00:38:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 16 23:38:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 112206   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 117282   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 46842    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 39993    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 36628    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 71381    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 157789   | 53.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.06% |
| 24) Chloroform-d               | 5.08   | 84    | 89243    | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 52380    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 158611   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 55441    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 123033   | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19359    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 105657   | 46.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 46752    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 49205    | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 113.40% |

## Target Compounds

|                            |      |     |       |              | Ovalue |
|----------------------------|------|-----|-------|--------------|--------|
| 3) Chloromethane           | 1.53 | 50  | 834   | 0.088 ug/L   | 99     |
| 12) 1,1-Dichloroethene     | 2.59 | 96  | 10906 | 1.362 ug/L # | 34     |
| 19) 1,1-Dichloroethane     | 3.89 | 63  | 2928  | 0.169 ug/L # | 94     |
| 22) cis-1,2-Dichloroethene | 4.69 | 96  | 18088 | 2.001 ug/L   | 95     |
| 33) Benzene                | 5.78 | 78  | 1152  | 0.031 ug/L   | 100    |
| 34) Trichloroethene        | 6.56 | 95  | 53476 | 5.475 ug/L   | 94     |
| 47) Tetrachloroethene      | 8.56 | 164 | 2941  | 0.422 ug/L   | 92     |

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

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