

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\  
 Data File : VU041303.D  
 Acq On : 18 Nov 2020 02:12  
 Operator : SY/MD  
 Sample : L4759-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4415

Quant Time: Nov 18 06:26:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 18 00:06:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 64876    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 66385    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26652    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 22470    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 20068    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 33138    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 94551    | 48.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.10%  |
| 24) Chloroform-d               | 5.08   | 84    | 49423    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 31255    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 84957    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 29560    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 71799    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 11657    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 65157    | 45.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 27032    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 26006    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.00% |

## Target Compounds

|                              |      |     |        |        | Ovalue   |
|------------------------------|------|-----|--------|--------|----------|
| 5) Vinyl chloride            | 1.61 | 62  | 32036  | 5.688  | ug/L 92  |
| 17) Methyl tert-butyl Ether  | 3.38 | 73  | 132885 | 11.494 | ug/L 99  |
| 18) trans-1,2-Dichloroethene | 3.37 | 96  | 79379  | 19.299 | ug/L 98  |
| 19) 1,1-Dichloroethane       | 3.89 | 63  | 13243  | 1.440  | ug/L 98  |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96  | 268302 | 57.759 | ug/L 95  |
| 33) Benzene                  | 5.79 | 78  | 5947   | 0.331  | ug/L 100 |
| 34) Trichloroethene          | 6.56 | 95  | 175412 | 36.077 | ug/L 98  |
| 47) Tetrachloroethene        | 8.56 | 164 | 3192   | 0.888  | ug/L 85  |

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

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