

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\  
 Data File : VU041173.D  
 Acq On : 10 Nov 2020 13:13  
 Operator : SY/MD  
 Sample : L4646-17DL 100X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB0W1DL

Quant Time: Nov 11 01:40:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 11 00:43:53 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 58565    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 60601    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26751    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 13897    | 2.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 56.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 14160    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 75.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 24240    | 2.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 50.20%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 82871    | 51.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.30% |
| 24) Chloroform-d               | 5.08   | 84    | 40826    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 26089    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 66226    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 24524    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 55552    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 9630     | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 58356    | 47.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 23222    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 24091    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.60% |

## Target Compounds

|                            |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 16) Methylene chloride     | 3.06 | 84 | 1234  | 0.256 ug/L  | 90     |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 13193 | 3.042 ug/L  | 99     |
| 34) Trichloroethene        | 6.56 | 95 | 49478 | 10.737 ug/L | 99     |

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

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