

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\  
 Data File : VU040490.D  
 Acq On : 03 Oct 2020 19:23  
 Operator : SY/MD  
 Sample : L4266-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 05 02:57:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 05 00:56:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 122879   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 120578   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52919    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 29373    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 25340    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 47643    | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 133586   | 44.21    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.42%  |
| 24) Chloroform-d               | 5.08   | 84    | 63205    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 41777    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 32) Benzene-d6                 | 5.75   | 84    | 119703   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 42066    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 101841   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 16949    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 91576    | 43.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.04%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 37280    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 40111    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.00% |

| Target Compounds      |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 3) Chloromethane      | 1.53 | 50  | 24678  | 2.042 ug/L  | 99     |
| 6) Bromomethane       | 1.87 | 94  | 589    | 0.102 ug/L  | 78     |
| 13) Acetone           | 2.67 | 43  | 8215m  | 3.262 ug/L  |        |
| 34) Trichloroethene   | 6.56 | 95  | 5223   | 0.487 ug/L  | 95     |
| 47) Tetrachloroethene | 8.56 | 164 | 202424 | 26.564 ug/L | 97     |

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

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