

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\  
 Data File : VU040094.D  
 Acq On : 10 Sep 2020 20:22  
 Operator : SY/MD  
 Sample : L3961-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4Y37

Quant Time: Sep 11 05:22:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 11 01:49:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 101639   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 102684   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 45633    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 30419    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.60% |
| 7) Chloroethane-d5             | 1.92   | 69    | 25058    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 47735    | 3.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.00%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 102065   | 45.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.96%  |
| 24) Chloroform-d               | 5.08   | 84    | 59193    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 36080    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 5.75   | 84    | 109167   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 35574    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 88872    | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 13574    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 72317    | 42.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 31298    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 36493    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.80%  |

## Target Compounds

|                        |      |    |       |        | Ovalue    |
|------------------------|------|----|-------|--------|-----------|
| 13) Acetone            | 2.67 | 43 | 54026 | 26.293 | ug/L 99   |
| 14) Carbon disulfide   | 2.81 | 76 | 3179  | 0.126  | ug/L 98   |
| 19) 1,1-Dichloroethane | 3.89 | 63 | 3598  | 0.207  | ug/L # 83 |
| 21) 2-Butanone         | 4.73 | 43 | 4000  | 1.192  | ug/L 97   |

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

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