

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060120\  
 Data File : VU038470.D  
 Acq On : 01 Jun 2020 14:56  
 Operator : JC/MD  
 Sample : L2789-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFX81

Quant Time: Jun 02 06:38:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 02 05:25:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 297968   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 298867   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 136748   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 77816    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 73166    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 123955   | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 346625   | 59.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.34% |
| 24) Chloroform-d               | 5.10   | 84    | 188958   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 114497   | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 374130   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 117849   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 7.92   | 98    | 306829   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 47750    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 286938   | 58.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 117.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 103719   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 128419   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

## Target Compounds

|                            |      |    |       |              | Ovalue |
|----------------------------|------|----|-------|--------------|--------|
| 13) Acetone                | 2.68 | 43 | 20233 | 5.277 ug/L   | 94     |
| 22) cis-1,2-Dichloroethene | 4.71 | 96 | 4364  | 0.205 ug/L   | 97     |
| 25) Chloroform             | 5.13 | 83 | 5759  | 0.160 ug/L   | 96     |
| 30) Cyclohexane            | 5.42 | 56 | 2375  | 0.072 ug/L # | 89     |
| 34) Trichloroethene        | 6.57 | 95 | 14175 | 0.655 ug/L   | 97     |

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

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