

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\  
 Data File : VU038973.D  
 Acq On : 18 Jun 2020 16:27  
 Operator : SY/MD  
 Sample : L3058-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 19 02:18:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 19 01:17:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 259822   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 268477   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 125531   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 75045    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 76754    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 133263   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.80%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 355853   | 61.65    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.30% |
| 24) Chloroform-d               | 5.10   | 84    | 180676   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 109673   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 343891   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 109709   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.20% |
| 41) Toluene-d8                 | 7.92   | 98    | 270129   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 44907    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.40%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 283947   | 54.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.44% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 109250   | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 118744   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

| Target Compounds            |      |    |        | Ovalue          |
|-----------------------------|------|----|--------|-----------------|
| 13) Acetone                 | 2.69 | 43 | 12829m | 3.261 ug/L      |
| 17) Methyl tert-butyl Ether | 3.40 | 73 | 12098  | 0.252 ug/L # 88 |

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

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