

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\  
 Data File : VU039414.D  
 Acq On : 09 Jul 2020 23:34  
 Operator : SY/MD  
 Sample : L3261-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BE501

Quant Time: Jul 10 02:30:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 10 02:02:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 93425    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 87562    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 41722    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 24654    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 31562    | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 114.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 38947    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.20%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 143758   | 58.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 116.04% |
| 24) Chloroform-d               | 5.09   | 84    | 61343    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 42125    | 5.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.40% |
| 32) Benzene-d6                 | 5.75   | 84    | 121369   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 115.20% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 43875    | 5.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 118.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 102275   | 5.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.00% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 16429    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.40% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 104264   | 53.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.48% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 38674    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 43572    | 5.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 117.00% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.65 | 43 | 2493 | 1.864 ug/L | 89     |

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

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