

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\  
 Data File : VU040697.D  
 Acq On : 14 Oct 2020 14:37  
 Operator : SY/MD  
 Sample : L4401-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 BFSC3

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/15/2020 4:06:33 PM

Quant Time: Oct 15 06:10:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 15 05:23:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 118940   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 121182   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 51604    | 5.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 50875    | 5.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 44064    | 5.80     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 77949    | 4.05     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.00%   |
| 20) 2-Butanone-d5              | 4.66   | 46    | 182806   | 57.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 115.92%  |
| 24) Chloroform-d               | 5.08   | 84    | 96194    | 5.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 60959    | 5.79     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 182468   | 5.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 60522    | 5.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 151577   | 5.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 23576    | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 102.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 131094   | 55.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 52336    | 5.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 58216    | 6.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 121.60%# |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 14151 | 1.404 ug/L | 94     |
| 13) Acetone      | 2.67 | 43 | 7938m | 3.247 ug/L |        |

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

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