

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\  
 Data File : VU040121.D  
 Acq On : 14 Sep 2020 15:38  
 Operator : SY/MD  
 Sample : L3945-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFST1

Manual Integrations  
 APPROVED

MMDadoda  
 9/15/2020 8:30:41 AM

Quant Time: Sep 15 03:12:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 15 01:48:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 111296   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 112022   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 49900    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 29204    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 26010    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 49498    | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 107683   | 44.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.60%  |
| 24) Chloroform-d               | 5.09   | 84    | 59637    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 38139    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 114461   | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 37015    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 85.80%  |
| 41) Toluene-d8                 | 7.90   | 98    | 92944    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14622    | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 74928    | 39.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 32332    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 36882    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.40%  |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 7790   | 0.737 ug/L | 90     |
| 13) Acetone      | 2.67 | 43 | 12793m | 5.686 ug/L |        |
| 25) Chloroform   | 5.11 | 83 | 7393   | 0.379 ug/L | 100    |

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

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