

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\  
 Data File : VU040117.D  
 Acq On : 14 Sep 2020 13:40  
 Operator : SY/MD  
 Sample : L3961-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4Y42

Manual Integrations  
 APPROVED

MMDadoda  
 9/15/2020 8:30:17 AM

Quant Time: Sep 15 02:52:21 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  | 124263   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 126741   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 58089    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 30471    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 25803    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 49254    | 2.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.60%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 107974   | 39.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 79.58%  |
| 24) Chloroform-d               | 5.08   | 84    | 61901    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 38126    | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 113041   | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 37371    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 76.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 94922    | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14159    | 3.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 63.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 75283    | 35.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 70.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 33341    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 38978    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 83.00%  |

| Target Compounds            |      |    |        |        | Ovalue |
|-----------------------------|------|----|--------|--------|--------|
| 13) Acetone                 | 2.69 | 43 | 50349m | 20.042 | ug/L   |
| 17) Methyl tert-butyl Ether | 3.38 | 73 | 9230   | 0.318  | ug/L   |
| 21) 2-Butanone              | 4.74 | 43 | 3205   | 0.781  | ug/L   |

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

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