

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\  
 Data File : VU039937.D  
 Acq On : 21 Aug 2020 18:50  
 Operator : SY/MD  
 Sample : L3776-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4Y14

Manual Integrations  
 APPROVED

sam  
 8/24/2020 5:55:32 PM

Quant Time: Aug 22 02:44:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 22 00:45:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 80606    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 76793    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 34421    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 28085    | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 27758    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 38265    | 2.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.20%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 101667   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.36%  |
| 24) Chloroform-d               | 5.09   | 84    | 57812    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 33829    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 106142   | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 39602    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 91586    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14529    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 80982    | 50.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 33685    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 39322    | 5.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.80% |

| Target Compounds |      |    |        | Ovalue      |
|------------------|------|----|--------|-------------|
| 13) Acetone      | 2.66 | 43 | 29341m | 19.084 ug/L |

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

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