

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\  
 Data File : VU039989.D  
 Acq On : 27 Aug 2020 13:46  
 Operator : SY/MD  
 Sample : L3821-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB6

Manual Integrations  
 APPROVED

sam  
 8/28/2020 3:26:38 PM

Quant Time: Aug 28 01:25:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 28 01:12:06 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 70011    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 69607    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 36143    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 23990    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 22722    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 41210    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 82283    | 42.10    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.20%  |
| 24) Chloroform-d               | 5.08   | 84    | 55611    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 33154    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 32) Benzene-d6                 | 5.75   | 84    | 98549    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 33604    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 83234    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14004    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 60035    | 41.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 28461    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 37885    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

## Target Compounds

|                      |      |    |        |       | Ovalue |
|----------------------|------|----|--------|-------|--------|
| 13) Acetone          | 2.68 | 43 | 11754m | 8.802 | ug/L   |
| 14) Carbon disulfide | 2.81 | 76 | 2614   | 0.132 | ug/L   |
| 21) 2-Butanone       | 4.75 | 43 | 4198   | 1.809 | ug/L # |
| 25) Chloroform       | 5.11 | 83 | 9208   | 0.771 | ug/L   |

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

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