

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082620\  
 Data File : VU039981.D  
 Acq On : 26 Aug 2020 13:21  
 Operator : SY/MD  
 Sample : L3807-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFWS5

Quant Time: Aug 27 01:16:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Aug 27 00:51:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 70451    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 67431    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 32540    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 25623    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 22905    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 41276    | 3.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 94231    | 47.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.82%  |
| 24) Chloroform-d               | 5.08   | 84    | 56204    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 34564    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.20% |
| 32) Benzene-d6                 | 5.75   | 84    | 103493   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 34730    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.80% |
| 41) Toluene-d8                 | 7.91   | 98    | 87583    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 13354    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 65721    | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.20%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 27091    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 35215    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.80% |

| Target Compounds |      |    |       |               | Ovalue |
|------------------|------|----|-------|---------------|--------|
| 13) Acetone      | 2.67 | 43 | 13774 | 10.250 ug/L # | 42     |
| 21) 2-Butanone   | 4.74 | 43 | 4210  | 1.803 ug/L    | 82     |

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

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