

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\  
 Data File : VU040847.D  
 Acq On : 20 Oct 2020 14:51  
 Operator : SY/MD  
 Sample : L4420-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AH5

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2020 4:05:30 PM

Quant Time: Oct 21 00:34:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 20 23:49:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 119549   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 123552   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 53014    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 42903    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 38270    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 66078    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 165760   | 52.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.58% |
| 24) Chloroform-d               | 5.08   | 84    | 88399    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 51872    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 156568   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 54252    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 127476   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20714    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 114103   | 47.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 48018    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 51169    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

## Target Compounds

|                          |      |    |       | Ovalue          |
|--------------------------|------|----|-------|-----------------|
| 13) Acetone              | 2.67 | 43 | 3740m | 1.522 ug/L      |
| 14) Carbon disulfide     | 2.81 | 76 | 11718 | 0.491 ug/L # 95 |
| 25) Chloroform           | 5.11 | 83 | 35402 | 1.878 ug/L 100  |
| 38) Bromodichloromethane | 7.11 | 83 | 3119  | 0.221 ug/L 92   |

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

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