

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\  
 Data File : VU040947.D  
 Acq On : 26 Oct 2020 16:24  
 Operator : SY/MD  
 Sample : L4492-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AP8

Manual Integrations  
 APPROVED

MMDadoda  
 10/27/2020 3:11:22 PM

Quant Time: Oct 27 04:18:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 27 03:00:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 51507    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 54274    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 22003    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 13468    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 62.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 13873    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 22811    | 2.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 53.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 87908    | 61.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.38% |
| 24) Chloroform-d               | 5.08   | 84    | 35646    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 23641    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 61087    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 22592    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 45811    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 69.60%# |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 8234     | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 60660    | 55.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 22243    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 20284    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.00% |

| Target Compounds       |      |     |        |        | Ovalue |    |
|------------------------|------|-----|--------|--------|--------|----|
| 13) Acetone            | 2.68 | 43  | 13216m | 13.566 | ug/L   |    |
| 14) Carbon disulfide   | 2.81 | 76  | 43625  | 3.588  | ug/L   | 98 |
| 16) Methylene chloride | 3.06 | 84  | 2385   | 0.563  | ug/L   | 98 |
| 47) Tetrachloroethene  | 8.56 | 164 | 1221   | 0.402  | ug/L   | 84 |

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

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