

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\  
 Data File : VU041411.D  
 Acq On : 24 Nov 2020 12:10  
 Operator : SY/MD  
 Sample : L4849-01DL 25X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4392DL

Quant Time: Nov 25 07:55:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 25 07:37:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 65257    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 67999    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 30521    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 20299    | 4.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.60%   |
| 7) Chloroethane-d5             | 1.92   | 69    | 15915    | 4.94     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.80%   |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 34611    | 3.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.00%   |
| 20) 2-Butanone-d5              | 4.65   | 46    | 77883    | 66.66    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 133.32%# |
| 24) Chloroform-d               | 5.08   | 84    | 45281    | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%   |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 30984    | 5.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 82055    | 4.94     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%   |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 23912    | 4.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.40%   |
| 41) Toluene-d8                 | 7.90   | 98    | 70491    | 4.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%   |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 12232    | 5.09     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 49134    | 62.49    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 22306    | 5.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 27458    | 5.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.00%  |

## Target Compounds

|                              |      |    |       |             | Ovalue |
|------------------------------|------|----|-------|-------------|--------|
| 5) Vinyl chloride            | 1.61 | 62 | 4940  | 0.866 ug/L  | 92     |
| 17) Methyl tert-butyl Ether  | 3.38 | 73 | 4723  | 0.472 ug/L  | 97     |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 2048  | 0.470 ug/L  | 95     |
| 22) cis-1,2-Dichloroethene   | 4.68 | 96 | 51183 | 11.045 ug/L | 96     |
| 25) Chloroform               | 5.11 | 83 | 2514  | 0.264 ug/L  | 99     |
| 34) Trichloroethene          | 6.55 | 95 | 7826  | 1.576 ug/L  | 95     |

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

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