

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\  
 Data File : VU040889.D  
 Acq On : 21 Oct 2020 21:46  
 Operator : SY/MD  
 Sample : L4428-14DL 50X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ48DL

Quant Time: Oct 22 02:27:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 22 00:42:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 218601   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 229268   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 93892    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 69001    | 4.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.00%   |
| 7) Chloroethane-d5             | 1.92   | 69    | 63638    | 4.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.40%   |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 107088   | 3.36     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.20%   |
| 20) 2-Butanone-d5              | 4.65   | 46    | 345978   | 65.02    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 130.04%# |
| 24) Chloroform-d               | 5.08   | 84    | 161125   | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%   |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 101947   | 5.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 277084   | 4.62     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%   |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 98842    | 4.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%   |
| 41) Toluene-d8                 | 7.91   | 98    | 218296   | 4.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%   |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 37968    | 4.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.00%   |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 254754   | 62.05    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 94383    | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 87984    | 5.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60%  |

## Target Compounds

|                            |      |     |        |             | Ovalue |
|----------------------------|------|-----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.61 | 62  | 18228  | 0.814 ug/L  | 90     |
| 16) Methylene chloride     | 3.07 | 84  | 3234   | 0.164 ug/L  | 90     |
| 22) cis-1,2-Dichloroethene | 4.69 | 96  | 117415 | 6.440 ug/L  | 99     |
| 34) Trichloroethene        | 6.55 | 95  | 76848  | 4.097 ug/L  | 97     |
| 47) Tetrachloroethene      | 8.56 | 164 | 219983 | 15.758 ug/L | 99     |

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

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