

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\  
 Data File : VU040895.D  
 Acq On : 22 Oct 2020 00:05  
 Operator : SY/MD  
 Sample : L4447-01DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ55DL

Quant Time: Oct 22 03:02:21 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  | 213438   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 222587   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 92082    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 68205    | 4.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%   |
| 7) Chloroethane-d5             | 1.92   | 69    | 65246    | 5.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 107196   | 3.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.80%   |
| 20) 2-Butanone-d5              | 4.65   | 46    | 338363   | 65.13    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 130.26%# |
| 24) Chloroform-d               | 5.08   | 84    | 158337   | 4.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%   |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 99665    | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.80%  |
| 32) Benzene-d6                 | 5.75   | 84    | 275901   | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%   |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 98577    | 4.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%   |
| 41) Toluene-d8                 | 7.91   | 98    | 214330   | 4.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.80%   |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 38329    | 4.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.60%   |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 244074   | 61.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 122.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 95169    | 5.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 113.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 88846    | 5.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.80%  |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc  | Units | Ovalue |
|----------------------------|------|------|----------|-------|-------|--------|
| 5) Vinyl chloride          | 1.61 | 62   | 1938     | 0.089 | ug/L  | # 1    |
| 13) Acetone                | 2.66 | 43   | 5795     | 1.587 | ug/L  | 74     |
| 16) Methylene chloride     | 3.06 | 84   | 8270     | 0.430 | ug/L  | 97     |
| 22) cis-1,2-Dichloroethene | 4.69 | 96   | 64832    | 3.642 | ug/L  | 95     |
| 34) Trichloroethene        | 6.56 | 95   | 51594    | 2.833 | ug/L  | 94     |
| 47) Tetrachloroethene      | 8.56 | 164  | 73861    | 5.450 | ug/L  | 96     |

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

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