

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\  
 Data File : VU040878.D  
 Acq On : 21 Oct 2020 17:08  
 Operator : SY/MD  
 Sample : L4420-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK5

Quant Time: Oct 22 01:41:00 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  | 231049   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 236204   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 102762   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 77627    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 71893    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 124398   | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 343551   | 61.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.18% |
| 24) Chloroform-d               | 5.08   | 84    | 171534   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 103797   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 302203   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 105443   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 240022   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 40888    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 254169   | 60.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 120.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 101365   | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 113.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 99057    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.60% |

## Target Compounds

| Target Compounds            | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|-----------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane  | 1.39 | 85   | 1270     | 0.054 | ug/L # | 83     |
| 9) Trichlorofluoromethane   | 2.15 | 101  | 5416     | 0.173 | ug/L   | 91     |
| 12) 1,1-Dichloroethene      | 2.59 | 96   | 4732     | 0.280 | ug/L # | 1      |
| 13) Acetone                 | 2.65 | 43   | 6797     | 1.720 | ug/L   | 69     |
| 17) Methyl tert-butyl Ether | 3.38 | 73   | 3698     | 0.090 | ug/L # | 79     |
| 19) 1,1-Dichloroethane      | 3.89 | 63   | 5625     | 0.159 | ug/L   | 98     |
| 22) cis-1,2-Dichloroethene  | 4.69 | 96   | 3598     | 0.187 | ug/L   | 69     |
| 25) Chloroform              | 5.11 | 83   | 8652     | 0.240 | ug/L   | 86     |
| 31) Carbon tetrachloride    | 5.54 | 117  | 8064     | 0.299 | ug/L   | 90     |
| 34) Trichloroethene         | 6.56 | 95   | 31021    | 1.605 | ug/L   | 92     |
| 47) Tetrachloroethene       | 8.56 | 164  | 43205    | 3.004 | ug/L   | 96     |

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

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