

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\  
 Data File : VU041335.D  
 Acq On : 19 Nov 2020 00:34  
 Operator : SY/MD  
 Sample : L4790-19MS  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4419

Quant Time: Nov 19 02:27:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 19 00:50:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 64763    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 67062    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26998    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 20164    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 17822    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 45261    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 92.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 90035    | 45.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.68%  |
| 24) Chloroform-d               | 5.08   | 84    | 49751    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 31264    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 85784    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 29828    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 70021    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 11252    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 64082    | 44.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 27039    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 27894    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.00% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------------|------|------|----------|--------|-------|--------|
| 5) Vinyl chloride            | 1.61 | 62   | 70247    | 12.494 | ug/L  | # 70   |
| 12) 1,1-Dichloroethene       | 2.59 | 96   | 24317    | 5.768  | ug/L  | 98     |
| 17) Methyl tert-butyl Ether  | 3.38 | 73   | 122488   | 10.613 | ug/L  | 100    |
| 18) trans-1,2-Dichloroethene | 3.37 | 96   | 22137    | 5.392  | ug/L  | 94     |
| 19) 1,1-Dichloroethane       | 3.89 | 63   | 7348     | 0.800  | ug/L  | 95     |
| 22) cis-1,2-Dichloroethene   | 4.68 | 96   | 6165     | 1.329  | ug/L  | 98     |
| 33) Benzene                  | 5.79 | 78   | 116829   | 6.428  | ug/L  | 100    |
| 34) Trichloroethene          | 6.55 | 95   | 28538    | 5.810  | ug/L  | 97     |
| 42) Toluene                  | 7.98 | 91   | 114006   | 5.870  | ug/L  | 99     |
| 51) Chlorobenzene            | 9.45 | 112  | 74071    | 5.758  | ug/L  | 97     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111920\  
Data File : VU041335.D  
Acq On : 19 Nov 2020 00:34  
Operator : SY/MD  
Sample : L4790-19MS  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H4419

Quant Time: Nov 19 02:27:34 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111620WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Nov 19 00:50:13 2020  
Response via : Initial Calibration

