

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101419\  
 Data File : VU035161.D  
 Acq On : 14 Oct 2019 19:48  
 Operator : JC/SP  
 Sample : K5310-18DL 25X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OU2-MD-2-001-01DL

Quant Time: Oct 15 08:30:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 15 07:54:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.87  | 114  | 159726   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 170464   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 58201    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 47366    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.40% |
| 7) Chloroethane-d5             | 1.68   | 69    | 45440    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.20% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 68519    | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.80%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 144683   | 52.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.06% |
| 24) Chloroform-d               | 4.62   | 84    | 83362    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 53720    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.32   | 84    | 176858   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 63650    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.20%  |
| 41) Toluene-d8                 | 7.55   | 98    | 149047   | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.20%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 17725    | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 102428   | 44.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 53573    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 50177    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

## Target Compounds

|                              |      |     |        |             | Qvalue |
|------------------------------|------|-----|--------|-------------|--------|
| 5) Vinyl chloride            | 1.40 | 62  | 66899  | 4.253 ug/L  | 99     |
| 18) trans-1,2-Dichloroethene | 2.96 | 96  | 2465   | 0.224 ug/L  | 88     |
| 22) cis-1,2-Dichloroethene   | 4.20 | 96  | 144051 | 11.755 ug/L | 91     |
| 34) Trichloroethene          | 6.17 | 95  | 22264  | 1.681 ug/L  | 97     |
| 47) Tetrachloroethene        | 8.21 | 164 | 129410 | 12.073 ug/L | 93     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU101419\  
Data File : VU035161.D  
Acq On : 14 Oct 2019 19:48  
Operator : JC/SP  
Sample : K5310-18DL 25X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
OU2-MD-2-001-01DL

Quant Time: Oct 15 08:30:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Oct 15 07:54:07 2019  
Response via : Initial Calibration

