

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\  
 Data File : VU035417.D  
 Acq On : 23 Oct 2019 18:25  
 Operator : JC/SP  
 Sample : K5461-11DL 20X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0G64DL

Quant Time: Oct 24 06:34:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 24 05:20:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 243144   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 248956   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 89516    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 65900    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 67335    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 95464    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 4.71   | 46    | 246078   | 57.76    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 115.52% |
| 24) Chloroform-d               | 5.11   | 84    | 150830   | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 85017    | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.20% |
| 32) Benzene-d6                 | 5.77   | 84    | 279866   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 100309   | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.00% |
| 41) Toluene-d8                 | 7.93   | 98    | 232693   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 35560    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00%  |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 182517   | 47.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 88045    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 82184    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|------------------------------|------|------|----------|-------|--------|--------|
| 5) Vinyl chloride            | 1.62 | 62   | 9826     | 0.466 | ug/L # | 81     |
| 17) Methyl tert-butyl Ether  | 3.43 | 73   | 23424    | 0.557 | ug/L   | 95     |
| 18) trans-1,2-Dichloroethene | 3.39 | 96   | 2098     | 0.124 | ug/L # | 72     |
| 19) 1,1-Dichloroethane       | 3.92 | 63   | 3326     | 0.109 | ug/L   | 93     |
| 22) cis-1,2-Dichloroethene   | 4.72 | 96   | 97747    | 5.246 | ug/L   | 99     |
| 34) Trichloroethene          | 6.58 | 95   | 144567   | 7.341 | ug/L   | 97     |
| 47) Tetrachloroethene        | 8.58 | 164  | 2617     | 0.160 | ug/L   | 93     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102319\  
Data File : VU035417.D  
Acq On : 23 Oct 2019 18:25  
Operator : JC/SP  
Sample : K5461-11DL 20X  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H0G64DL

Quant Time: Oct 24 06:34:34 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Oct 24 05:20:56 2019  
Response via : Initial Calibration

