

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\  
 Data File : VU035818.D  
 Acq On : 22 Nov 2019 13:10  
 Operator : JC/SP  
 Sample : K5930-18 10X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B0AD5

Quant Time: Nov 23 00:37:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 23 00:14:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 234890   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 276158   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 72245    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 134968   | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.00% |
| 7) Chloroethane-d5             | 1.93   | 69    | 125643   | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60% |
| 11) 1,1-Dichloroethene-d2      | 2.60   | 63    | 185990   | 3.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.20% |
| 20) 2-Butanone-d5              | 4.69   | 46    | 332297   | 46.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.60% |
| 24) Chloroform-d               | 5.11   | 84    | 245311   | 4.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 140787   | 4.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 464685   | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20% |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 168559   | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.00% |
| 41) Toluene-d8                 | 7.93   | 98    | 355057   | 3.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 73.00% |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 53372    | 3.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.20% |
| 46) 2-Hexanone-d5              | 8.70   | 63    | 201457   | 36.28    | ug/L | 0.03   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 72.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 124197   | 4.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 76193    | 4.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20% |

## Target Compounds

| Target Compounds            | R.T. | QIon | Response | Conc  | Units | Ovalue |
|-----------------------------|------|------|----------|-------|-------|--------|
| 8) Chloroethane             | 1.96 | 64   | 8994     | 0.396 | ug/L  | 88     |
| 13) Acetone                 | 2.67 | 43   | 6024     | 0.966 | ug/L  | 98     |
| 16) Methylene chloride      | 3.09 | 84   | 6516     | 0.221 | ug/L  | 92     |
| 17) Methyl tert-butyl Ether | 3.42 | 73   | 6799     | 0.115 | ug/L  | 92     |
| 19) 1,1-Dichloroethane      | 3.92 | 63   | 61534    | 1.138 | ug/L  | 99     |
| 22) cis-1,2-Dichloroethene  | 4.72 | 96   | 4592     | 0.171 | ug/L  | 98     |
| 25) Chloroform              | 5.14 | 83   | 27705    | 0.527 | ug/L  | 92     |
| 29) 1,1,1-Trichloroethane   | 5.36 | 97   | 14782    | 0.331 | ug/L  | 99     |
| 34) Trichloroethene         | 6.58 | 95   | 107086   | 3.789 | ug/L  | 95     |
| 47) Tetrachloroethene       | 8.58 | 164  | 4008     | 0.186 | ug/L  | 88     |

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

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