

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\  
 Data File : VU034800.D  
 Acq On : 25 Sep 2019 14:06  
 Operator : JC/SP  
 Sample : K4948-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEDP6

Quant Time: Sep 26 05:28:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 26 04:40:46 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 475560   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 454382   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 197025   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 218011   | 44.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.56%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 191108   | 50.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.58% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 294056   | 35.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.34%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 398098   | 106.69   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.69% |
| 24) Chloroform-d               | 4.62    | 84    | 359684   | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.64% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 247305   | 47.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.06%  |
| 32) Benzene-d6                 | 5.32    | 84    | 768945   | 54.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.20% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 266661   | 54.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 108.34% |
| 41) Toluene-d8                 | 7.54    | 98    | 719507   | 53.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.40% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 114811   | 48.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.40%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 260516   | 105.37   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 105.37% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 348206   | 50.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.96% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 238237   | 57.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.32% |

## Target Compounds

|                             |      |     |        |             | Ovalue |
|-----------------------------|------|-----|--------|-------------|--------|
| 18) Methyl tert-butyl Ether | 2.98 | 73  | 37005  | 2.932 ug/L  | 97     |
| 34) Trichloroethene         | 6.17 | 95  | 3708   | 0.953 ug/L  | 82     |
| 46) Tetrachloroethene       | 8.21 | 164 | 160778 | 58.728 ug/L | 96     |

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

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