

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\  
 Data File : VU033924.D  
 Acq On : 23 Aug 2019 01:00  
 Operator : JC/SP  
 Sample : K4485-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B33

Quant Time: Aug 23 05:10:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 23 02:53:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 563146   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 582330   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 238417   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 220728   | 44.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.40%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 186904   | 47.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 321638   | 36.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.20%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 338861   | 101.97   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.97% |
| 24) Chloroform-d               | 4.62    | 84    | 382525   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 264846   | 50.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.94% |
| 32) Benzene-d6                 | 5.31    | 84    | 800460   | 48.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.78%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 265605   | 49.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.96%  |
| 41) Toluene-d8                 | 7.55    | 98    | 688026   | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.06%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 109405   | 44.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.32%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 228533   | 102.38   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.38% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 362937   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 255955   | 52.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.22% |

| Target Compounds             |      |    |      |            | Ovalue |
|------------------------------|------|----|------|------------|--------|
| 17) trans-1,2-Dichloroethene | 2.96 | 96 | 8342 | 2.045 ug/L | 97     |

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

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