

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\  
 Data File : VU034808.D  
 Acq On : 25 Sep 2019 17:14  
 Operator : JC/SP  
 Sample : K4984-06MEDL 200X  
 Misc : 4.99g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEDLOMEDL

Quant Time: Sep 26 06:54:08 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  | 465740   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 441784   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 195121   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 203513   | 42.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.36%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 173187   | 47.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 272816   | 33.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.58%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 381656   | 104.44   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 104.44% |
| 24) Chloroform-d               | 4.62    | 84    | 336654   | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 239205   | 46.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88%  |
| 32) Benzene-d6                 | 5.32    | 84    | 718125   | 52.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.88% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 249992   | 52.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.46% |
| 41) Toluene-d8                 | 7.54    | 98    | 673977   | 51.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.46% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 109464   | 47.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.50%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 253125   | 105.30   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 105.30% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 332477   | 50.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.12% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 222397   | 54.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.72% |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.21 | 164 | 87981 | 33.054 ug/L | 96     |

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

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