

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\  
 Data File : VU034774.D  
 Acq On : 24 Sep 2019 16:25  
 Operator : JC/SP  
 Sample : K4984-08  
 Misc : 6.22g/5.0ml/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEDL2

Quant Time: Sep 25 04:21:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 25 02:59:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 1051961  | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 1032689  | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 524214   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 432596   | 40.17    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.34%   |
| 7) Chloroethane-d5             | 1.63    | 69    | 369415   | 44.38    | ug/L | -0.04    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.76%   |
| 11) 1,1-Dichloroethene-d2      | 2.22    | 63    | 678551   | 37.21    | ug/L | -0.04    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.42%   |
| 21) 2-Butanone-d5              | 4.16    | 46    | 1043269  | 126.40   | ug/L | 0.01     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 126.40%  |
| 24) Chloroform-d               | 4.62    | 84    | 866054   | 55.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.64%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 613467   | 53.30    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.60%  |
| 32) Benzene-d6                 | 5.31    | 84    | 1834647  | 57.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.64%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 642939   | 57.47    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 114.94%  |
| 41) Toluene-d8                 | 7.54    | 98    | 1748638  | 57.42    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.84%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 312613   | 58.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 116.68%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 778604   | 138.56   | ug/L | 0.01     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 138.56%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 990532   | 63.81    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 127.62%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 694662   | 63.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 126.38%# |

## Target Compounds

| Target Compounds      | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|-----------------------|-------|------|----------|--------|-------|--------|
| 35) Methylcyclohexane | 6.39  | 83   | 88885    | 5.921  | ug/L  | 99     |
| 52) Ethylbenzene      | 9.23  | 91   | 201376   | 4.620  | ug/L  | 98     |
| 53) m,p-Xylene        | 9.35  | 106  | 175472   | 11.366 | ug/L  | 98     |
| 54) o-xylene          | 9.76  | 106  | 25938    | 1.699  | ug/L  | 100    |
| 56) Isopropylbenzene  | 10.14 | 105  | 232080   | 5.637  | ug/L  | 98     |

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

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