

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\  
 Data File : VU032660.D  
 Acq On : 12 Jun 2019 18:25  
 Operator : JC/SP  
 Sample : K3313-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COLY2

Quant Time: Jun 13 06:44:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 13 05:57:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 175049   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 167789   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 81389    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 50659    | 44.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.22% |
| 7) Chloroethane-d5             | 1.68    | 69    | 41218    | 45.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.32% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 77221    | 34.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.46% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 90203    | 94.91    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.91% |
| 24) Chloroform-d               | 4.64    | 84    | 98334    | 46.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.84% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 65998    | 49.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.92% |
| 32) Benzene-d6                 | 5.33    | 84    | 196134   | 45.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.06% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 63651    | 46.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.20% |
| 41) Toluene-d8                 | 7.56    | 98    | 181392   | 43.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.84% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 28503    | 43.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.22% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 56033    | 84.57    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.57% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 89409    | 45.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.36% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 74934    | 48.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.14% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 2108 | 2.150 ug/L | 81     |

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

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