

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\  
 Data File : VU029401.D  
 Acq On : 11 Feb 2019 17:09  
 Operator : JC/SP  
 Sample : K1436-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ESX95

Quant Time: Feb 13 11:34:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Feb 12 01:17:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 237871   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 224958   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 118666   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 72719    | 4.13     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 62453    | 4.37     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 118008   | 3.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.00% |
| 20) 2-Butanone-d5              | 4.19   | 46    | 148148   | 46.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.70% |
| 24) Chloroform-d               | 4.65   | 84    | 117303   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 60255    | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20% |
| 32) Benzene-d6                 | 5.34   | 84    | 247801   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.80% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 72686    | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 241084   | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.20% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 31821    | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.40% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 153436   | 47.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 59615    | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 102938   | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 4699 | 1.857 ug/L | 94     |

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

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