

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\  
 Data File : VU030945.D  
 Acq On : 09 Apr 2019 09:28  
 Operator : JC/SP  
 Sample : K2286-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZE5

Quant Time: Apr 10 01:31:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 10 01:14:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 215924   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 218188   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 83603    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 83110    | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 73764    | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 129064   | 3.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 262486   | 61.74    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.48%  |
| 24) Chloroform-d               | 4.64   | 84    | 138135   | 4.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%   |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 89602    | 6.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 120.60%  |
| 32) Benzene-d6                 | 5.33   | 84    | 284426   | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%   |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 99762    | 5.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 222455   | 4.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 30550    | 4.27     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.40%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 155584   | 49.99    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.98%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 83270    | 6.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 120.60%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 81593    | 5.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.60%  |

| Target Compounds |      |    |       | Ovalue     |
|------------------|------|----|-------|------------|
| 13) Acetone      | 2.32 | 43 | 8459m | 2.573 ug/L |

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

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