

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\  
 Data File : VU030916.D  
 Acq On : 08 Apr 2019 19:43  
 Operator : JC/SP  
 Sample : K2284-04RE  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZA2RE

Quant Time: Apr 09 01:49:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 09 01:11:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 251673   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 248127   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 101423   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 104817   | 5.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 90563    | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 156050   | 3.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.20%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 336654   | 67.93    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 135.86%# |
| 24) Chloroform-d               | 4.64   | 84    | 167235   | 5.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 109599   | 6.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 126.60%  |
| 32) Benzene-d6                 | 5.33   | 84    | 358242   | 5.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 126288   | 5.76     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.20%  |
| 41) Toluene-d8                 | 7.56   | 98    | 286158   | 4.91     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 43723    | 5.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 107.40%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 235863   | 66.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 133.30%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 105554   | 6.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 134.40%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 103491   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.00%# |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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