

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU040819\  
 Data File : VU030874.D  
 Acq On : 07 Apr 2019 22:35  
 Operator : JC/SP  
 Sample : K2284-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZA5

Quant Time: Apr 08 05:27:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Apr 08 04:40:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 240988   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 252439   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 96648    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 113608   | 6.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 123.40%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 94200    | 6.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 126.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 168628   | 4.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 89.40%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 305601   | 64.40    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 128.80%  |
| 24) Chloroform-d               | 4.64   | 84    | 163423   | 5.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 106941   | 6.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 129.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 361579   | 5.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 123549   | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.80%  |
| 41) Toluene-d8                 | 7.56   | 98    | 287717   | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 40533    | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.00%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 192074   | 53.35    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.70%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 96868    | 6.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 121.40%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 99019    | 6.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.40%# |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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